

## KANGANKUNDE INFILL DRILLING RESULTS DELIVER CONSISTENT HIGH GRADE RARE EARTHS

*Infill drilling shows strong continuity of high grade mineralisation from surface to end of hole in planned first phase mining areas*

### HIGHLIGHTS

- Assay results received for initial 21 holes of the Phase 3 infill drilling program with consistent outstanding high-grade mineralisation demonstrating strong continuity
- Significant intersections include:
  - ❖ 150 metres from surface to EOH averaging 3.78% TREO in KGKRC087
  - ❖ 75 metres from surface to EOH averaging 3.57% TREO in KGKDD011
  - ❖ 70 metres from surface to EOH averaging 3.44% TREO in KGKDD012
  - ❖ 150 metres from surface to EOH averaging 3.21% TREO in KGKRC086 including:
    - 38 metres @ 4.63% TREO from 74 metres to 112 metres
  - ❖ 150 metres from surface to EOH averaging 3.18% TREO in KGKRC112
  - ❖ 75 metres from surface to EOH averaging 3.15% TREO in KGKDD010
  - ❖ 150 metres from surface to EOH averaging 2.81% TREO in KGKRC103
- Samples from a further 28 holes are being analysed and expected to be released prior to the end of February
- Results from Phase 3 program aim to define a portion of Kangankunde's current Mineral Resource Estimate (MRE) of 261 million tonnes grading 2.19% TREO as Indicated category
- Updated MRE including the Indicated Resource category will be reported prior to the release of the Feasibility Study which is scheduled for the end of the March quarter
- Maiden Ore Reserve statement to be reported with Feasibility Study
- Processing plant engineering and mine development works are proceeding as planned

**Lindian's Executive Chairman, Asimwe Kabunga commented:** "Assay results from the Phase 3 drill program are an important body of work and key to the delivery of our Feasibility Study for the Stage1 mine development that is now underway. This Study, which will also include an Ore Reserve statement for Kangankunde for the first time, will allow us to very clearly define first stage CAPEX and OPEX and showcase what we expect will be a robust project that can rapidly deliver a new source of dependable supply of rare earths to processors and end users. As our quarterly report reiterates, we are well funded with lots of optionality to fund our Stage 1 plant and the initial early works phase which will be underway soon."

**Lindian's Chief Executive Officer, Alistair Stephens commented:** *"The first assays from our Phase 3 drill program are again very encouraging, with grades in one 38 metre interval of 4.63% TREO ( or 46,300 ppm TREO), and demonstrate that high grade rare earths are consistent across a ~300m section from surface of the Kangankunde deposit which is particularly noteworthy as we advance towards the Phase 1 mining and processing operation. We are on track to report our upgraded MRE this quarter which will be followed shortly thereafter by our Feasibility Study. Kangankunde is uniquely positioned as one of the world's largest rare earths projects, based on a globally recognised reporting code, and underpinned by exceptionally high grade in a market where grade is now clearly king. We anticipate a more regular flow of updates as the next two quarters unfold."*

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**Lindian Resources Limited (ASX:LIN) ("Lindian" or "the Company")** is pleased to report the initial batches of assay results from the Phase 3 infill drilling program at the Kangankunde Rare Earths Project in Malawi. The Phase 3 program included forty-five (45) drillholes for 4,886 metres. The assays reported within are from a total of twenty-one (21) drill holes, eighteen (18) reverse circulation (RC) holes and three (3) core holes.

Logistical delays with shipments from Malawi during the 2023 Christmas period have caused delay in the receipt of assay results. All samples from the remaining twenty-eight (28) drillholes are currently in the assay laboratory.

All holes assayed demonstrate extensive intersections of mineralisation to end of hole, are non-radioactive and have significant percentages of critical Rare Earths metal elements neodymium and praseodymium (NdPr).

## **DRILL ASSAY RESULTS**

The holes being reported in this announcement are infill holes designed to provide sufficient data to increase the confidence level of a portion of the mineral resource estimate (MRE) to Indicated status. Once the remaining results are received from the assay laboratory the resource model will be updated and applied to detail mine design and scheduling.

The areas targeted by the Phase 3 infill program are those considered most likely to define initial feed for operation of the Stage 1 Processing facility. These are

- a) the northern area of the central carbonatite complex
- b) the western area of the central carbonatite complex; and
- c) the south-eastern area of the central carbonatite complex

### **1. Central Carbonatite North**

Ten of the RC holes reported in this announcement are drilled in the northern area of the central carbonatite. A summary of each hole follows:

**KGKRC086** was designed to provide definition on the north-western margin of the northern area. The hole achieved this aim intersecting an overall **150 metres at 3.21% including 38 metres at 4.63% TREO from 74 metres** depth. This high-grade intercept is showing the continuation of high-grade mineralisation in an area modelled as lower grade in the 2023 MRE.

RC holes **KGKRC087 and KGKRC112** intersected high grade mineralisation of 150 metres from surface to end of hole (EOH) averaging 3.78% TREO in KGKRC087 and 150 metres from surface to EOH averaging 3.18% TREO including surface to 76 metres averaging 3.69% TREO in KGKRC112. These holes are drilled 40 metres apart in the high-grade zone of the northern area and are consistent in grade and grade distribution with the resource modelled TREO.

**KGKRC089 and KGKRC110** were drilled on the south-eastern margin of the northern zone. Both intersected mineralisation consistent with, or potentially higher in grade, than the resource model estimation of this area.

**KGKRC123 and KGKRC124** were drilled to test the eastern margin of the northern area mineralisation. Both holes achieved their aim with KGKRC123 also intersecting high grade mineralisation from surface to 90 metres grading 3.14% TREO which is higher than the expected grade of that area.

**KGKRC100** was designed up dip from previously reported KGKDD004 (245.6 metres at 2.78% TREO from surface) and intersected 150 metres at 2.59% TREO including 48 metres at 3.31% TREO from 2 metres.

**KGKRC103** drilled approximately 45 metres south of KGKRC100 tested the potential for extension of the northern area toward the southern area. The hole intersected 150 metres from surface at 2.81% TREO showing the northern mineralisation continues further south at higher grade and thickness than currently modelled.

**KGKRC125** was drilled at the northern margin of the northern area and was expected to intersect a higher component of lower grade mixed breccia effectively closing off the northern extent high grade carbonatite mineralisation in the northern area.

Results from a further 11 infill holes are pending for the northern area.

## **2. Central Carbonatite West**

Two core drill holes **KGKDD011 and KGKDD12** tested the central, near surface high grade mineralisation of the western area 50 metres apart along the strike of mineralisation. Both holes returned similar intersections of 75 metres at 3.57% TREO from surface to EOH in KGKDD011 and 70 metres at 3.44% TREO from surface to EOH in KGKDD012.

**KGKRC102** tested the eastern margin of the western mineralisation and intersected 120 metres at 2.27% TREO which includes 54 metres at 2.71% TREO from 29 metres depth. This intersection is higher grade than the resource model grade of approximately 2% in the area of the drillhole.

Four RC holes **KGKRC084, KGKRC085, KGKRC088, KGKRC105 and KGKRC111** were drilled to define the northern extent of the western mineralisation. All achieved mineralised intersections in a mixture of mixed wall rock breccia and carbonatite breccia material. Grades are overall marginally lower than expected from these holes reflecting a lack of boundary definition from the previous Phase 1 drilling.

Results from a further 9 drill holes are pending for the western area.

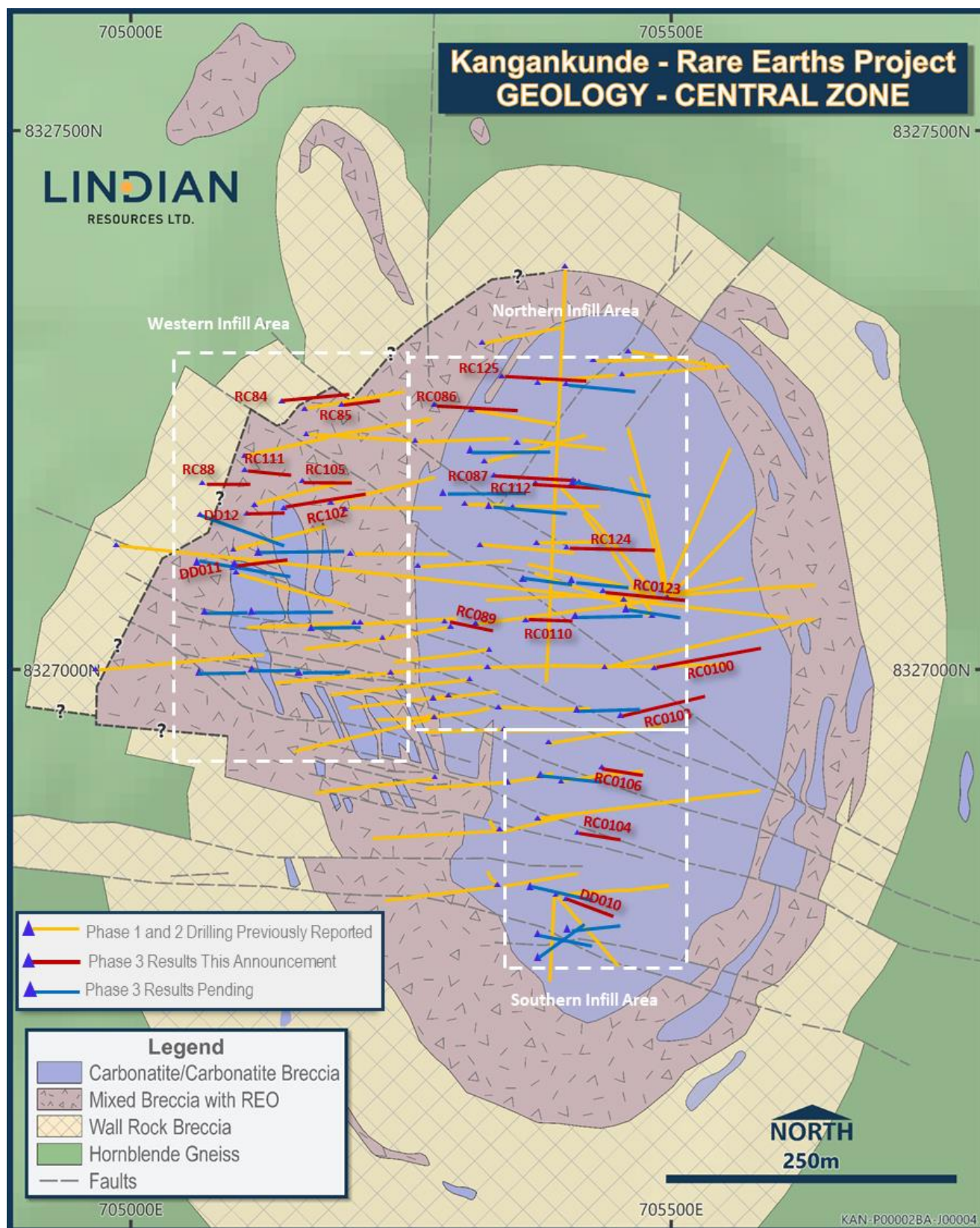


Figure 1 Kangankunde central carbonatite geology plan and drilling locations.

### 3. Central Carbonatite Southeast

Results for a single core hole **KGKDD010** have been received from the southern area. This hole intersected 75 metres from surface at 3.15% TREO consistent with the grade of the resource model for this area.

Results from a further 5 infill holes are pending from this area.

**Table 1: Significant rare earths intersections**

| Hole ID          | From     | To         | Intersection | TREO        | NdPrO**      | NdPrO% of   | Location     |
|------------------|----------|------------|--------------|-------------|--------------|-------------|--------------|
| <b>KGKDD010</b>  | <b>0</b> | <b>75</b>  | <b>75</b>    | <b>3.15</b> | <b>6,479</b> | <b>20.5</b> | <b>South</b> |
| <b>KGKDD011</b>  | <b>0</b> | <b>75</b>  | <b>75</b>    | <b>3.57</b> | <b>6,973</b> | <b>19.3</b> | <b>West</b>  |
| <b>KGKDD012</b>  | <b>0</b> | <b>70</b>  | <b>70</b>    | <b>3.44</b> | <b>6,663</b> | <b>19.4</b> | <b>West</b>  |
| <b>KGKRC084</b>  | <b>0</b> | <b>100</b> | <b>100</b>   | <b>1.85</b> | <b>3,913</b> | <b>21.5</b> | <b>West</b>  |
| <b>KGKRC085</b>  | <b>0</b> | <b>50</b>  | <b>50</b>    | <b>1.45</b> | <b>3,163</b> | <b>21.9</b> | <b>West</b>  |
| <b>KGKRC086</b>  | <b>0</b> | <b>150</b> | <b>150</b>   | <b>3.21</b> | <b>6,648</b> | <b>20.3</b> | <b>North</b> |
| <i>Including</i> | 74       | 112        | 38           | 4.63        | 6,070        | 20.4        |              |
| <b>KGKRC087</b>  | <b>0</b> | <b>150</b> | <b>150</b>   | <b>3.78</b> | <b>6765</b>  | <b>18.1</b> | <b>North</b> |
| <b>KGKRC088</b>  | <b>0</b> | <b>80</b>  | <b>80</b>    | <b>1.23</b> | <b>2714</b>  | <b>22.6</b> | <b>West</b>  |
| <b>KGKRC089</b>  | <b>0</b> | <b>100</b> | <b>100</b>   | <b>2.55</b> | <b>4,930</b> | <b>19.6</b> | <b>North</b> |
| <i>Including</i> | 79       | 100        | 21           | 3.40        | 6,230        | 18.5        |              |
| <b>KGKRC100</b>  | <b>0</b> | <b>150</b> | <b>150</b>   | <b>2.59</b> | <b>5,587</b> | <b>21.6</b> | <b>North</b> |
| <i>Including</i> | 2        | 50         | 48           | 3.31        | 7,257        | 21.5        |              |
| <b>KGKRC102</b>  | <b>0</b> | <b>120</b> | <b>120</b>   | <b>2.27</b> | <b>4,631</b> | <b>20.8</b> | <b>West</b>  |
| <i>Including</i> | 29       | 83         | 44           | 2.71        | 5590         | 21.06       |              |
| <b>KGKRC103</b>  | <b>0</b> | <b>150</b> | <b>150</b>   | <b>2.81</b> | <b>5,603</b> | <b>20.3</b> | <b>North</b> |
| <b>KGKRC104</b>  | <b>0</b> | <b>60</b>  | <b>60</b>    | <b>1.00</b> | <b>2,279</b> | <b>22.8</b> | <b>South</b> |
| <b>KGKRC105</b>  | <b>0</b> | <b>80</b>  | <b>80</b>    | <b>2.30</b> | <b>4,663</b> | <b>20.9</b> | <b>West</b>  |
| <b>KGKRC106</b>  | <b>0</b> | <b>60</b>  | <b>60</b>    | <b>1.09</b> | <b>2,675</b> | <b>24.9</b> | <b>South</b> |
| <b>KGKRC110</b>  | <b>0</b> | <b>80</b>  | <b>80</b>    | <b>2.59</b> | <b>4,889</b> | <b>19.1</b> | <b>North</b> |
| <b>KGKRC111</b>  | <b>0</b> | <b>80</b>  | <b>80</b>    | <b>1.60</b> | <b>3,560</b> | <b>22.8</b> | <b>West</b>  |
| <b>KGKRC112</b>  | <b>0</b> | <b>150</b> | <b>150</b>   | <b>3.18</b> | <b>6,186</b> | <b>18.5</b> | <b>North</b> |
| <i>Including</i> | 0        | 76         | 76           | 3.69        | 7,298        | 19.0        |              |
| <b>KGKRC123</b>  | <b>0</b> | <b>150</b> | <b>150</b>   | <b>2.48</b> | <b>5088</b>  | <b>20.8</b> | <b>North</b> |
| <i>Including</i> | 0        | 90         | 90           | 3.14        | 6352         | 20.3        |              |
| <b>KGKRC124</b>  | <b>0</b> | <b>150</b> | <b>150</b>   | <b>2.50</b> | <b>5092</b>  | <b>20.0</b> | <b>North</b> |
| <b>KGKRC125</b>  | <b>0</b> | <b>150</b> | <b>150</b>   | <b>1.84</b> | <b>3919</b>  | <b>22.0</b> | <b>North</b> |

\* Bold text entire hole no cut-off applied; internal intersections accumulated at > 2% TREO cut-off.

\*\* NdPrO = Nd<sub>2</sub>O<sub>3</sub> + Pr<sub>6</sub>O<sub>11</sub>, \*\*\* NdPrO% / TREO% x 100, \*\*\*\* previously reported

## Non-Radioactive Mineralisation

Radionuclides uranium (U) and thorium (Th) continue to be low in all areas. Detailed interval assays are represented in Appendix 2 of this release. The Company has independent confirmation of the low radiation of mineralisation at Kangankunde, with independent government agency ANSTO Minerals (Australia Nuclear Science Technology Organisation) confirming that Kangankunde Rare Earth mineral concentrates are not classified as radioactive for transport.

## DRILLING PROGRAM STATUS

The Phase 3 program has been completed with 45 RC holes for 4,666 metres and 3 core drill holes for 220 metres. The program was designed to give infill data for resource evaluation and mine planning of areas targetted to potentially provide the intial years of production.

The status of the drill hole sampling and assay is as follows:

**Table 2: Completed and pending assays at 30 January 2024**

| Hole Number | Reported | At Laboratory |
|-------------|----------|---------------|
| KGKDD010    | ✓        |               |
| KGKDD011    | ✓        |               |
| KGKDD012    | ✓        |               |
| KGKRC084    | ✓        |               |
| KGKRC085    | ✓        |               |
| KGKRC086    | ✓        |               |
| KGKRC087    | ✓        |               |
| KGKRC088    | ✓        |               |
| KGKRC089    | ✓        |               |
| KGKRC090    |          | ✓             |
| KGKRC091    |          | ✓             |
| KGKRC092    |          | ✓             |
| KGKRC093    |          | ✓             |
| KGKRC094    |          | ✓             |
| KGKRC095    |          | ✓             |
| KGKRC096    |          | ✓             |
| KGKRC097    |          | ✓             |
| KGKRC098    |          | ✓             |
| KGKRC099    |          | ✓             |
| KGKRC100    | ✓        |               |
| KGKRC101    |          | ✓             |
| KGKRC102    | ✓        |               |
| KGKRC103    | ✓        |               |
| KGKRC104    | ✓        |               |

| Hole Number | Reported | At Laboratory |
|-------------|----------|---------------|
| KGKRC105    | ✓        |               |
| KGKRC106    | ✓        |               |
| KGKRC107    |          | ✓             |
| KGKRC108    |          | ✓             |
| KGKRC109    |          | ✓             |
| KGKRC110    | ✓        |               |
| KGKRC111    | ✓        |               |
| KGKRC112    | ✓        |               |
| KGKRC113    |          | ✓             |
| KGKRC114    |          | ✓             |
| KGKRC115    |          | ✓             |
| KGKRC116    |          | ✓             |
| KGKRC117    |          | ✓             |
| KGKRC118    |          | ✓             |
| KGKRC119    |          | ✓             |
| KGKRC120    |          | ✓             |
| KGKRC121    |          | ✓             |
| KGKRC122    |          | ✓             |
| KGKRC123    | ✓        |               |
| KGKRC124    | ✓        |               |
| KGKRC125    | ✓        |               |

## KANGANKUNDE INFERRED MINERAL RESOURCE

In August 2023, Lindian announced its maiden Mineral Resource Estimate (MRE) for the Kangankunde Rare Earths Project in Malawi of 261 million tonnes averaging 2.19% TREO above a 0.5% TREO cutoff grade, and estimated in accordance with JORC 2012 guidelines. The Company confirms that is not aware of any new information or data that materially affects the information included in the original ASX announcement (with JORC Table 1) released on 3 August 2023.

| Resource Classification | Tonnes (millions) | TREO (%) | NdPr% of TREO** (%) | Tonnes Contained NdPr* (millions) |
|-------------------------|-------------------|----------|---------------------|-----------------------------------|
| Inferred Resource       | 261               | 2.19     | 20.2                | 1.2                               |

Mineral Resource using a 0.5% TREO cut-off grade. Rounding has been applied to 1.0Mt for tonnes and 0.1% NdPr% of TREO which may influence total calculation. \* NdPr = Nd<sub>2</sub>O<sub>3</sub> + Pr<sub>6</sub>O<sub>11</sub>, \*\* NdPrO% / TREO% x 100

## KANGANKUNDE INFERRED MINERAL RESOURCE (by domain)

| Inferred Classification by Domain | Tonnes (millions) | TREO (%)    | NdPr% of TREO (%) | Tonnes Contained NdPr* (000's) |
|-----------------------------------|-------------------|-------------|-------------------|--------------------------------|
| Domain 1                          | 58                | 1.76        | 22.0              | 225                            |
| Domain 2                          | 72                | 1.91        | 20.7              | 285                            |
| <b>Domain 3</b>                   | <b>23</b>         | <b>3.23</b> | <b>18.5</b>       | <b>137</b>                     |
| Domain 4                          | 60                | 2.40        | 19.5              | 281                            |
| Domain 5                          | 46                | 2.34        | 20.4              | 220                            |

\* NdPr = Nd<sub>2</sub>O<sub>3</sub> + Pr<sub>6</sub>O<sub>11</sub>. Rounding has been applied to 1.0Mt for tonnes and 0.1% NdPr% of TREO which may influence total calculation. Domain total may differ from the global resource estimate due to rounding.

## PROCESSING PLANT ENGINEERING

Lindian's team also progressed with:

- Determination of the preferred provider in relation to the tender of civil works contract(s), inclusive of works for the access road upgrade, bulk earthworks for the Plant & associated infrastructure, Tails Storage Facility (TSF) and Return Water Dam (RWD),
- Finalisation of the tender for the supply of Process Plant and associated infrastructure for Engineering, Procurement, Construction and Commissioning,
- Resource model update and detailed mine design and mine schedule,
- Short-listing of power and fuel supply options, and
- Contract terms being finalised for all stream of works.

- ENDS -

This ASX announcement was authorised for release by the Board of Lindian Resources Limited.

### For further information, please contact:

**Asimwe Kabunga (Executive Chairman)**  
Phone: +61 8 6557 8838  
Email: [info@lindianresources.com.au](mailto:info@lindianresources.com.au)

**Alistair Stephens (CEO)**  
Phone: +61 488 992 544  
Email: [info@lindianresources.com.au](mailto:info@lindianresources.com.au)

## About Lindian

### RARE EARTHS

**Lindian Resources Limited** has ownership of Malawian registered Rift Valley Resource Developments Limited that has 100% title to Exploration Licence EPL0514/18R and Mining Licence MML0290/22, supported by an Environmental and Social Impact Assessment Licence No.2:10:16. In August 2023, Lindian released its maiden Mineral Resource Estimate (MRE) for the Kangankunde Rare Earths Project in Malawi of *261 million tonnes averaging 2.19% TREO above a 0.5% TREO*, refer ASX announcement of 3 August 2023.

### **Tenure and licences**

Lindian Resources Limited will progressively acquire 100% of Malawian registered Rift Valley Resource Developments Limited and its 100% owned title to Exploration Licence EPL0514/18R and Mining Licence MML0290/22 (refer ASX announcement ASX:LIN dated 1 August 2022) issued under the Malawi Mines and Minerals Act 2018. The Exploration and Mining Licences have an Environmental and Social Impact Assessment Licence No.2:10:16 issued under the Malawi Environmental Management Act No. 19 of 2017.

### BAUXITE

**Lindian Resources Limited** has Bauxite resources (refer company website for access to resources statements and competent persons statements) in Guinea with the Gaoual, Lelouma and Woula projects. Guinean bauxite is known as the premier bauxite location in the world, having high grade and low impurities premium quality bauxite.

## Forward Looking Statements

This announcement may include forward-looking statements, based on Lindian's expectations and beliefs concerning future events. Forward-looking statements are necessarily subject to risks, uncertainties and other factors, many of which are outside the control of Lindian, which could cause actual results to differ materially from such statements. Lindian makes no undertaking to subsequently update or revise the forward-looking statements made in this announcement, to reflect the circumstances or events after the date of the announcement.

## Competent Persons Statement – Kangankunde Exploration Results

The information in this Report that relates to drilling, sampling, and assay results is based on information compiled by Mr. Alistair Stephens, who is a Fellow of the Australian Institute of Mining and Metallurgy (AusIMM). Mr. Stephens is the Chief Executive Officer of Lindian Resources Limited. Mr. Stephens has sufficient experience relevant to the style of mineralisation and type of deposit under consideration and to the activity being undertaken to qualify as a Competent Person as defined in the 2012 Edition of the 'Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves' (JORC Code). Mr. Stephens consents to the inclusion in this report of the matters based on the information in the form and context in which it appears.

Unless otherwise stated, where reference is made to previous releases of exploration results in this announcement, the Company conforms that it is not aware of any new information or data that materially affects the information included in those announcements and all material assumptions and technical parameters underpinning the exploration results included in those announcements continue to apply and have not materially changed.

The information in this report that relates to previous Exploration Results was prepared and first disclosed under the JORC Code 2012 and has been properly and extensively cross-referenced in the text to the date of the original announcement to the ASX.

The Competent Persons' consents remain in place for subsequent releases by the Company of the same information in the same form and context, until the consents are withdrawn or replaced by a subsequent report and accompanying consent. The Company is not aware of any new information or data that materially affects the information in the ASX announcement of 3 August 2023 originally referencing its resources estimate, and that all material assumptions and technical parameters underpinning the estimates continue to apply and have not materially changed.

## Competent Persons Statement – Kangankunde Mineral Resource Estimate

The information in this report that relates to a Mineral Resource Estimate for the Kangankunde Rare Earths deposit was first released to the ASX on 3 August 2023 in an announcement titled “Lindian Reports Maiden Mineral Resource Estimate of 261 Million Tonnes at High Grade of 2.19% TREO”, is available to view at [www.lindianresources.com.au](http://www.lindianresources.com.au) and for which Competent Persons’ consents were obtained. The Competent Persons’ consents remain in place for subsequent releases by the Company of the same information in the same form and context, until the consent is withdrawn or replaced by a subsequent report and accompanying consent. Unless otherwise stated, where reference is made to previous releases of a Mineral Resource Estimate for the Kangankunde Rare Earths deposit in this announcement, the Company confirms that it is not aware of any new information or data that materially affects the Mineral Resource Estimate included in those announcements and all material assumptions and technical parameters underpinning the Mineral Resource Estimate included in those announcements continue to apply and have not materially changed. The information in this report that relates to a Mineral Resource Estimate for the Kangankunde Rare Earths deposit was prepared and first disclosed under the JORC Code 2012 and has been properly and extensively cross-referenced in the text to the date of the original announcement to the ASX.

### Appendix 1: Kangankunde Rare Earths Project Hole Details (Datum UTM WGS84 Zone 36S)

| Drill Hole ID | Drill Type | UTM East (m.) | UTM North (m.) | Elevation (m.a.s.l.) | Hole Length EOH (m.) | Azimuth TN (Ave.) | Inclination (Ave.) |
|---------------|------------|---------------|----------------|----------------------|----------------------|-------------------|--------------------|
| KGKDD010      | DD         | 705399        | 8326788        | 804                  | 75                   | 111.7             | -53.4              |
| KGKDD011      | DD         | 705084        | 8327100        | 734                  | 75                   | 82.5              | -48.4              |
| KGKDD012      | DD         | 705096        | 8327149        | 734                  | 70                   | 86.8              | -57.6              |
| KGKRC084      | RC         | 705129        | 8327254        | 713                  | 100                  | 85.2              | -53.1              |
| KGKRC085      | RC         | 705186        | 8327253        | 727                  | 50                   | 86.5              | -54.8              |
| KGKRC086      | RC         | 705273        | 8327249        | 736                  | 150                  | 93.4              | -57.3              |
| KGKRC087      | RC         | 705327        | 8327183        | 740                  | 150                  | 94.5              | -57.5              |
| KGKRC088      | RC         | 705058        | 8327176        | 714                  | 80                   | 92.3              | -59.0              |
| KGKRC089      | RC         | 705282        | 8327047        | 794                  | 100                  | 100.6             | -59.9              |
| KGKRC100      | RC         | 705479        | 8327004        | 788                  | 150                  | 80.3              | -45.3              |
| KGKRC102      | RC         | 705130        | 8327155        | 744                  | 120                  | 82.0              | -52.1              |
| KGKRC103      | RC         | 705448        | 8326960        | 784                  | 150                  | 74.7              | -58.7              |
| KGKRC104      | RC         | 705410        | 8326849        | 788                  | 60                   | 97.4              | -54.4              |
| KGKRC105      | RC         | 705149        | 8327178        | 745                  | 80                   | 91.1              | -60.0              |
| KGKRC106      | RC         | 705432        | 8326908        | 782                  | 60                   | 98.0              | -53.8              |
| KGKRC110      | RC         | 705358        | 8327050        | 798                  | 80                   | 88.1              | -58.1              |
| KGKRC111      | RC         | 705092        | 8327187        | 722                  | 80                   | 96.7              | -58.3              |
| KGKRC112      | RC         | 705365        | 8327178        | 742                  | 150                  | 90.6              | -61.7              |
| KGKRC123      | RC         | 705433        | 8327077        | 794                  | 150                  | 96.1              | -58.2              |
| KGKRC124      | RC         | 705399        | 8327118        | 772                  | 150                  | 92.3              | -56.3              |
| KGKRC125      | RC         | 705342        | 8327276        | 710                  | 150                  | 93.9              | -55.0              |

## Appendix 2: Analytical Results This Release

Note: NS= No sample

-ve value = Below detection limit

| Hole ID  | From<br>m | To<br>m | La <sub>2</sub> O <sub>3</sub><br>ppm | CeO <sub>2</sub><br>ppm | Pr <sub>2</sub> O <sub>3</sub><br>ppm | Nd <sub>2</sub> O <sub>3</sub><br>ppm | Sm <sub>2</sub> O <sub>3</sub><br>ppm | Eu <sub>2</sub> O <sub>3</sub><br>ppm | Gd <sub>2</sub> O <sub>3</sub><br>ppm | Tb <sub>2</sub> O <sub>3</sub><br>ppm | Dy <sub>2</sub> O <sub>3</sub><br>ppm | Ho <sub>2</sub> O <sub>3</sub><br>ppm | Er <sub>2</sub> O <sub>3</sub><br>ppm | Tm <sub>2</sub> O <sub>3</sub><br>ppm | Yb <sub>2</sub> O <sub>3</sub><br>ppm | Lu <sub>2</sub> O <sub>3</sub><br>ppm | Y <sub>2</sub> O <sub>3</sub><br>ppm | TREO<br>% | Th<br>ppm | U<br>ppm |
|----------|-----------|---------|---------------------------------------|-------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|--------------------------------------|-----------|-----------|----------|
| KGKDD010 | 0.00      | 2.00    | NS                                    | NS                      | NS                                    | NS                                    | NS                                    | NS                                    | NS                                    | NS                                    | NS                                    | NS                                    | NS                                    | NS                                    | NS                                    | NS                                    | NS                                   | NS        | NS        | NS       |
| KGKDD010 | 2.00      | 2.99    | 7157                                  | 12942                   | 1219                                  | 3458                                  | 234                                   | 38.0                                  | 64.5                                  | 4.9                                   | 11.6                                  | 1.3                                   | 2.1                                   | 0.2                                   | 1.0                                   | 0.2                                   | 31.0                                 | 2.52      | 36.9      | 2.0      |
| KGKDD010 | 2.99      | 4.20    | 15122                                 | 25705                   | 2280                                  | 6288                                  | 390                                   | 61.3                                  | 107.5                                 | 8.0                                   | 20.3                                  | 2.2                                   | 3.1                                   | 0.3                                   | 1.0                                   | 0.1                                   | 45.2                                 | 5.00      | 55.6      | 2.7      |
| KGKDD010 | 4.20      | 5.00    | 17187                                 | 28987                   | 2591                                  | 7003                                  | 393                                   | 62.4                                  | 106.0                                 | 7.8                                   | 19.4                                  | 2.0                                   | 2.6                                   | 0.1                                   | 0.7                                   | -0.1                                  | 44.3                                 | 5.64      | 49.4      | 3.1      |
| KGKDD010 | 5.00      | 5.92    | 27044                                 | 44793                   | 3925                                  | 10650                                 | 607                                   | 95.5                                  | 164.0                                 | 11.5                                  | 27.4                                  | 2.8                                   | 3.5                                   | 0.3                                   | 1.3                                   | 0.1                                   | 57.4                                 | 8.74      | 72.5      | 5.3      |
| KGKDD010 | 5.92      | 6.34    | 20695                                 | 34522                   | 3076                                  | 8247                                  | 476                                   | 76.7                                  | 128.1                                 | 8.9                                   | 20.7                                  | 1.7                                   | 3.0                                   | 0.2                                   | 1.0                                   | 0.1                                   | 41.4                                 | 6.73      | 61.3      | 5.1      |
| KGKDD010 | 6.34      | 7.42    | 27414                                 | 46529                   | 4116                                  | 11198                                 | 664                                   | 102.2                                 | 178.5                                 | 11.9                                  | 28.8                                  | 2.8                                   | 3.4                                   | 0.3                                   | 1.3                                   | 0.1                                   | 57.5                                 | 9.03      | 80.9      | 4.0      |
| KGKDD010 | 7.42      | 8.17    | 23170                                 | 39511                   | 3566                                  | 9965                                  | 607                                   | 92.9                                  | 160.4                                 | 11.2                                  | 26.6                                  | 2.6                                   | 3.5                                   | 0.3                                   | 1.0                                   | 0.1                                   | 56.3                                 | 7.72      | 77.3      | 3.5      |
| KGKDD010 | 8.17      | 9.47    | 14337                                 | 25256                   | 2356                                  | 6725                                  | 442                                   | 73.0                                  | 125.0                                 | 9.1                                   | 23.1                                  | 2.2                                   | 3.0                                   | 0.3                                   | 1.3                                   | -0.1                                  | 45.6                                 | 4.94      | 72.5      | 2.0      |
| KGKDD010 | 9.47      | 10.50   | 7486                                  | 14408                   | 1455                                  | 4597                                  | 419                                   | 77.6                                  | 142.6                                 | 10.8                                  | 31.5                                  | 2.9                                   | 4.5                                   | 0.3                                   | 1.2                                   | 0.2                                   | 65.8                                 | 2.87      | 115.1     | 3.1      |
| KGKDD010 | 10.50     | 11.50   | 3827                                  | 7490                    | 791                                   | 2546                                  | 262                                   | 49.3                                  | 98.3                                  | 8.5                                   | 25.4                                  | 2.5                                   | 4.1                                   | 0.3                                   | 1.8                                   | 0.2                                   | 58.7                                 | 1.52      | 86.2      | 2.6      |
| KGKDD010 | 11.50     | 12.60   | 6794                                  | 13445                   | 1365                                  | 4118                                  | 327                                   | 55.1                                  | 96.1                                  | 6.6                                   | 18.5                                  | 1.7                                   | 3.3                                   | 0.2                                   | 2.1                                   | 0.2                                   | 43.6                                 | 2.63      | 60.6      | 5.4      |
| KGKDD010 | 12.60     | 13.24   | 6932                                  | 13426                   | 1351                                  | 4126                                  | 360                                   | 63.0                                  | 120.9                                 | 9.3                                   | 25.6                                  | 2.6                                   | 3.9                                   | 0.3                                   | 1.3                                   | 0.2                                   | 58.5                                 | 2.65      | 84.6      | 2.9      |
| KGKDD010 | 13.24     | 13.93   | 4213                                  | 7890                    | 760                                   | 2207                                  | 175                                   | 32.4                                  | 64.9                                  | 6.2                                   | 19.2                                  | 2.0                                   | 3.3                                   | 0.2                                   | 2.3                                   | 0.2                                   | 52.8                                 | 1.54      | 53.7      | 2.5      |
| KGKDD010 | 13.93     | 14.74   | 4472                                  | 8665                    | 876                                   | 2613                                  | 210                                   | 36.5                                  | 67.7                                  | 5.7                                   | 15.3                                  | 1.5                                   | 2.3                                   | 0.2                                   | 1.5                                   | 0.2                                   | 38.4                                 | 1.70      | 48.1      | 3.7      |
| KGKDD010 | 14.74     | 16.00   | 11556                                 | 21020                   | 1980                                  | 5571                                  | 358                                   | 54.8                                  | 89.2                                  | 6.2                                   | 14.9                                  | 1.5                                   | 2.6                                   | 0.2                                   | 0.9                                   | 0.2                                   | 33.5                                 | 4.07      | 43.4      | 1.7      |
| KGKDD010 | 16.00     | 17.00   | 6408                                  | 12442                   | 1218                                  | 3600                                  | 252                                   | 40.3                                  | 71.3                                  | 5.2                                   | 13.8                                  | 1.7                                   | 2.9                                   | 0.3                                   | 1.7                                   | 0.2                                   | 37.0                                 | 2.41      | 42.5      | 2.7      |
| KGKDD010 | 17.00     | 17.38   | 6895                                  | 13209                   | 1306                                  | 3727                                  | 247                                   | 38.2                                  | 64.9                                  | 4.1                                   | 13.1                                  | 1.4                                   | 2.5                                   | 0.3                                   | 1.7                                   | 0.2                                   | 35.2                                 | 2.55      | 33.6      | 7.4      |
| KGKDD010 | 17.38     | 17.75   | 14905                                 | 26417                   | 2387                                  | 6430                                  | 360                                   | 55.6                                  | 95.3                                  | 7.4                                   | 19.1                                  | 2.2                                   | 3.0                                   | 0.3                                   | 1.2                                   | -0.1                                  | 44.5                                 | 5.07      | 50.4      | 0.9      |
| KGKDD010 | 17.75     | 18.10   | 10868                                 | 21470                   | 2143                                  | 6486                                  | 434                                   | 65.5                                  | 112.2                                 | 8.5                                   | 19.6                                  | 2.1                                   | 3.1                                   | 0.2                                   | 0.9                                   | 0.1                                   | 47.1                                 | 4.17      | 66.5      | 1.9      |
| KGKDD010 | 18.10     | 20.05   | 12931                                 | 23790                   | 2287                                  | 6598                                  | 427                                   | 66.0                                  | 110.4                                 | 7.7                                   | 19.5                                  | 2.0                                   | 3.3                                   | 0.3                                   | 1.7                                   | 0.2                                   | 44.6                                 | 4.63      | 53.4      | 1.8      |
| KGKDD010 | 20.05     | 21.00   | 17983                                 | 34941                   | 3486                                  | 10393                                 | 693                                   | 105.7                                 | 172.5                                 | 10.5                                  | 25.1                                  | 2.5                                   | 4.2                                   | 0.5                                   | 1.9                                   | 0.2                                   | 53.6                                 | 6.79      | 76.5      | 2.1      |
| KGKDD010 | 21.00     | 21.87   | 15490                                 | 28691                   | 2731                                  | 7886                                  | 503                                   | 76.2                                  | 124.8                                 | 8.0                                   | 18.7                                  | 1.8                                   | 3.1                                   | 0.3                                   | 1.1                                   | 0.2                                   | 40.3                                 | 5.56      | 52.3      | 2.2      |
| KGKDD010 | 21.87     | 22.47   | 11758                                 | 20538                   | 1848                                  | 4967                                  | 299                                   | 45.9                                  | 76.6                                  | 5.8                                   | 13.0                                  | 1.5                                   | 2.2                                   | 0.3                                   | 1.1                                   | 0.2                                   | 33.5                                 | 3.96      | 40.1      | 1.5      |
| KGKDD010 | 22.47     | 23.20   | 8031                                  | 14496                   | 1348                                  | 3669                                  | 231                                   | 35.2                                  | 59.2                                  | 4.5                                   | 12.9                                  | 1.3                                   | 2.2                                   | 0.2                                   | 0.6                                   | 0.1                                   | 30.0                                 | 2.79      | 32.1      | 1.3      |
| KGKDD010 | 23.20     | 23.75   | 6988                                  | 13413                   | 1268                                  | 3464                                  | 208                                   | 33.7                                  | 54.1                                  | 4.4                                   | 11.9                                  | 1.5                                   | 2.4                                   | 0.2                                   | 1.1                                   | 0.1                                   | 32.3                                 | 2.55      | 23.5      | 1.7      |
| KGKDD010 | 23.75     | 24.23   | 6714                                  | 13170                   | 1254                                  | 3464                                  | 230                                   | 38.0                                  | 65.2                                  | 5.7                                   | 17.0                                  | 1.7                                   | 2.7                                   | 0.2                                   | 1.7                                   | 0.2                                   | 40.1                                 | 2.50      | 48.7      | 1.0      |
| KGKDD010 | 24.23     | 25.21   | 5451                                  | 10882                   | 1103                                  | 3254                                  | 258                                   | 46.2                                  | 84.0                                  | 5.9                                   | 16.9                                  | 1.7                                   | 2.5                                   | 0.2                                   | 1.0                                   | -0.1                                  | 38.1                                 | 2.11      | 70.4      | 1.4      |
| KGKDD010 | 25.21     | 26.00   | 2286                                  | 4424                    | 449                                   | 1361                                  | 120                                   | 21.5                                  | 45.2                                  | 4.2                                   | 15.5                                  | 1.6                                   | 2.5                                   | 0.2                                   | 1.4                                   | 0.1                                   | 37.6                                 | 0.88      | 44.0      | 1.4      |
| KGKDD010 | 26.00     | 26.49   | 2291                                  | 4604                    | 465                                   | 1429                                  | 131                                   | 26.6                                  | 52.9                                  | 5.5                                   | 22.7                                  | 2.2                                   | 3.1                                   | 0.3                                   | 1.2                                   | 0.2                                   | 49.5                                 | 0.91      | 51.5      | 2.7      |
| KGKDD010 | 26.49     | 27.41   | 5606                                  | 11131                   | 1105                                  | 3252                                  | 232                                   | 39.1                                  | 67.8                                  | 4.9                                   | 13.4                                  | 1.4                                   | 2.5                                   | 0.2                                   | 0.9                                   | 0.2                                   | 31.0                                 | 2.15      | 34.6      | 3.4      |
| KGKDD010 | 27.41     | 28.88   | 6960                                  | 13686                   | 1343                                  | 3977                                  | 310                                   | 53.8                                  | 98.3                                  | 6.6                                   | 17.2                                  | 2.0                                   | 2.7                                   | 0.3                                   | 1.6                                   | 0.1                                   | 38.9                                 | 2.65      | 55.5      | 2.2      |
| KGKDD010 | 28.88     | 29.38   | 1881                                  | 3988                    | 410                                   | 1253                                  | 103                                   | 17.7                                  | 33.5                                  | 2.7                                   | 7.7                                   | 1.0                                   | 2.3                                   | 0.2                                   | 1.4                                   | 0.1                                   | 25.1                                 | 0.77      | 18.3      | 0.8      |
| KGKDD010 | 29.38     | 29.78   | 5607                                  | 11160                   | 1113                                  | 3158                                  | 237                                   | 39.6                                  | 69.7                                  | 4.9                                   | 13.3                                  | 1.6                                   | 2.4                                   | 0.3                                   | 1.0                                   | 0.2                                   | 34.9                                 | 2.14      | 33.3      | 1.7      |
| KGKDD010 | 29.78     | 30.17   | 3314                                  | 6490                    | 654                                   | 1904                                  | 131                                   | 23.2                                  | 40.3                                  | 3.1                                   | 11.0                                  | 1.6                                   | 2.3                                   | 0.2                                   | 0.6                                   | -0.1                                  | 32.6                                 | 1.26      | 18.0      | 1.4      |
| KGKDD010 | 30.17     | 30.90   | 8913                                  | 18403                   | 1817                                  | 5370                                  | 343                                   | 54.4                                  | 94.8                                  | 6.4                                   | 18.8                                  | 2.2                                   | 2.9                                   | 0.3                                   | 1.4                                   | 0.1                                   | 46.5                                 | 3.51      | 43.0      | 1.1      |
| KGKDD010 | 30.90     | 31.54   | 7474                                  | 15374                   | 1543                                  | 4567                                  | 314                                   | 50.0                                  | 82.7                                  | 5.8                                   | 14.8                                  | 1.5                                   | 2.3                                   | 0.2                                   | 1.0                                   | 0.2                                   | 33.0                                 | 2.95      | 37.2      | 2.3      |
| KGKDD010 | 31.54     | 31.80   | 8635                                  | 18007                   | 1863                                  | 5472                                  | 353                                   | 53.0                                  | 88.7                                  | 5.8                                   | 14.9                                  | 1.5                                   | 2.7                                   | 0.2                                   | 1.6                                   | 0.2                                   | 35.6                                 | 3.45      | 36.8      | 1.9      |
| KGKDD010 | 31.80     | 32.20   | 6375                                  | 13511                   | 1391                                  | 4072                                  | 275                                   | 42.5                                  | 71.8                                  | 4.7                                   | 12.2                                  | 1.3                                   | 1.8                                   | 0.2                                   | 1.1                                   | 0.1                                   | 28.2                                 | 2.58      | 33.4      | 0.8      |

| Hole ID  | From<br>m | To<br>m | La <sub>2</sub> O <sub>3</sub><br>ppm | CeO <sub>2</sub><br>ppm | Pr <sub>2</sub> O <sub>3</sub><br>ppm | Nd <sub>2</sub> O <sub>3</sub><br>ppm | Sm <sub>2</sub> O <sub>3</sub><br>ppm | Eu <sub>2</sub> O <sub>3</sub><br>ppm | Gd <sub>2</sub> O <sub>3</sub><br>ppm | Tb <sub>2</sub> O <sub>3</sub><br>ppm | Dy <sub>2</sub> O <sub>3</sub><br>ppm | Ho <sub>2</sub> O <sub>3</sub><br>ppm | Er <sub>2</sub> O <sub>3</sub><br>ppm | Tm <sub>2</sub> O <sub>3</sub><br>ppm | Yb <sub>2</sub> O <sub>3</sub><br>ppm | Lu <sub>2</sub> O <sub>3</sub><br>ppm | Y <sub>2</sub> O <sub>3</sub><br>ppm | TREO<br>% | Th<br>ppm | U<br>ppm |
|----------|-----------|---------|---------------------------------------|-------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|--------------------------------------|-----------|-----------|----------|
| KGKDD010 | 32.20     | 32.68   | 3720                                  | 8313                    | 869                                   | 2621                                  | 182                                   | 27.3                                  | 43.1                                  | 3.1                                   | 7.7                                   | 0.8                                   | 1.3                                   | 0.1                                   | 0.8                                   | -0.1                                  | 17.9                                 | 1.58      | 22.4      | 0.9      |
| KGKDD010 | 32.68     | 33.77   | 8286                                  | 18838                   | 1997                                  | 6157                                  | 430                                   | 63.9                                  | 107.4                                 | 6.6                                   | 14.6                                  | 1.7                                   | 3.1                                   | 0.2                                   | 1.5                                   | 0.2                                   | 35.1                                 | 3.59      | 46.7      | 4.8      |
| KGKDD010 | 33.77     | 34.39   | 5608                                  | 12161                   | 1267                                  | 3763                                  | 265                                   | 41.1                                  | 68.0                                  | 4.7                                   | 13.2                                  | 1.3                                   | 2.2                                   | 0.2                                   | 1.2                                   | 0.1                                   | 28.2                                 | 2.32      | 32.8      | 2.9      |
| KGKDD010 | 34.39     | 35.00   | 6029                                  | 12737                   | 1297                                  | 3842                                  | 258                                   | 40.9                                  | 64.9                                  | 4.8                                   | 11.7                                  | 1.3                                   | 2.3                                   | 0.2                                   | 1.3                                   | 0.1                                   | 29.7                                 | 2.43      | 29.3      | 2.4      |
| KGKDD010 | 35.00     | 35.75   | 6074                                  | 13061                   | 1344                                  | 3973                                  | 268                                   | 42.5                                  | 68.5                                  | 4.2                                   | 10.6                                  | 1.0                                   | 2.1                                   | 0.2                                   | 1.3                                   | 0.1                                   | 26.9                                 | 2.49      | 31.3      | 1.1      |
| KGKDD010 | 35.75     | 36.29   | 6393                                  | 13301                   | 1375                                  | 4009                                  | 271                                   | 42.5                                  | 68.4                                  | 4.6                                   | 10.7                                  | 1.2                                   | 1.8                                   | 0.2                                   | 0.8                                   | 0.1                                   | 23.8                                 | 2.55      | 30.8      | 0.8      |
| KGKDD010 | 36.29     | 36.92   | 5330                                  | 11947                   | 1148                                  | 3357                                  | 228                                   | 35.8                                  | 60.1                                  | 4.0                                   | 9.3                                   | 1.0                                   | 1.8                                   | 0.2                                   | 0.7                                   | 0.1                                   | 23.2                                 | 2.21      | 26.2      | 1.9      |
| KGKDD010 | 36.92     | 37.80   | 5420                                  | 12026                   | 1276                                  | 3807                                  | 259                                   | 40.2                                  | 65.0                                  | 4.5                                   | 10.9                                  | 1.2                                   | 1.8                                   | 0.2                                   | 0.7                                   | -0.1                                  | 23.2                                 | 2.29      | 31.0      | 0.9      |
| KGKDD010 | 37.80     | 38.14   | 8627                                  | 18309                   | 1893                                  | 5670                                  | 374                                   | 58.2                                  | 96.1                                  | 6.4                                   | 16.5                                  | 1.7                                   | 2.9                                   | 0.2                                   | 1.4                                   | 0.2                                   | 36.7                                 | 3.51      | 42.8      | 1.4      |
| KGKDD010 | 38.14     | 38.95   | 5219                                  | 11248                   | 1152                                  | 3445                                  | 236                                   | 36.4                                  | 60.9                                  | 3.9                                   | 10.0                                  | 1.0                                   | 1.5                                   | 0.2                                   | 1.5                                   | 0.1                                   | 23.4                                 | 2.14      | 28.9      | 5.6      |
| KGKDD010 | 38.95     | 39.62   | 3919                                  | 8160                    | 828                                   | 2475                                  | 170                                   | 27.1                                  | 47.1                                  | 3.3                                   | 9.8                                   | 1.0                                   | 2.1                                   | 0.1                                   | 1.1                                   | 0.1                                   | 24.6                                 | 1.57      | 24.0      | 1.3      |
| KGKDD010 | 39.62     | 40.44   | 6231                                  | 13124                   | 1343                                  | 3945                                  | 273                                   | 42.0                                  | 74.3                                  | 5.4                                   | 15.7                                  | 1.5                                   | 2.9                                   | 0.3                                   | 0.8                                   | -0.1                                  | 35.4                                 | 2.51      | 40.8      | 1.2      |
| KGKDD010 | 40.44     | 41.14   | 7911                                  | 16997                   | 1733                                  | 5274                                  | 362                                   | 56.9                                  | 92.7                                  | 6.7                                   | 18.6                                  | 1.6                                   | 2.9                                   | 0.2                                   | 1.0                                   | 0.1                                   | 40.3                                 | 3.25      | 46.9      | 1.6      |
| KGKDD010 | 41.14     | 41.55   | 14532                                 | 29492                   | 2959                                  | 9065                                  | 614                                   | 95.0                                  | 157.1                                 | 9.5                                   | 20.4                                  | 2.0                                   | 2.3                                   | 0.2                                   | 1.4                                   | 0.1                                   | 42.9                                 | 5.70      | 84.6      | 1.4      |
| KGKDD010 | 41.55     | 42.42   | 13457                                 | 25729                   | 2521                                  | 7384                                  | 512                                   | 80.2                                  | 136.2                                 | 8.8                                   | 20.3                                  | 1.8                                   | 2.7                                   | 0.3                                   | 1.3                                   | 0.1                                   | 40.5                                 | 4.99      | 77.2      | 1.6      |
| KGKDD010 | 42.42     | 43.24   | 7087                                  | 15038                   | 1568                                  | 4628                                  | 320                                   | 50.6                                  | 86.1                                  | 6.0                                   | 14.9                                  | 1.5                                   | 2.4                                   | 0.2                                   | 1.3                                   | 0.1                                   | 31.6                                 | 2.88      | 40.9      | 2.5      |
| KGKDD010 | 43.24     | 44.45   | 5378                                  | 11560                   | 1200                                  | 3519                                  | 236                                   | 37.5                                  | 60.6                                  | 3.9                                   | 9.0                                   | 1.0                                   | 1.6                                   | 0.2                                   | 0.8                                   | 0.1                                   | 23.0                                 | 2.20      | 28.6      | 1.8      |
| KGKDD010 | 44.45     | 45.04   | 3989                                  | 8293                    | 830                                   | 2468                                  | 169                                   | 27.2                                  | 45.7                                  | 3.1                                   | 8.5                                   | 1.0                                   | 1.8                                   | 0.2                                   | 0.8                                   | 0.1                                   | 24.5                                 | 1.59      | 22.7      | 3.1      |
| KGKDD010 | 45.04     | 45.68   | 15437                                 | 32370                   | 3246                                  | 9669                                  | 629                                   | 94.6                                  | 148.0                                 | 9.3                                   | 20.0                                  | 1.6                                   | 2.5                                   | 0.2                                   | 0.8                                   | 0.1                                   | 36.3                                 | 6.17      | 74.7      | 1.9      |
| KGKDD010 | 45.68     | 46.80   | 18180                                 | 38611                   | 3973                                  | 12095                                 | 856                                   | 134.1                                 | 217.6                                 | 13.3                                  | 27.8                                  | 2.6                                   | 3.7                                   | 0.3                                   | 1.0                                   | 0.1                                   | 52.8                                 | 7.42      | 100.5     | 2.3      |
| KGKDD010 | 46.80     | 47.30   | 10818                                 | 23148                   | 2354                                  | 7066                                  | 478                                   | 75.4                                  | 120.8                                 | 7.8                                   | 19.1                                  | 2.0                                   | 2.4                                   | 0.3                                   | 0.9                                   | 0.1                                   | 37.0                                 | 4.41      | 50.9      | 1.8      |
| KGKDD010 | 47.30     | 48.34   | 17887                                 | 36794                   | 3732                                  | 10970                                 | 720                                   | 109.5                                 | 175.7                                 | 10.5                                  | 22.0                                  | 2.1                                   | 2.6                                   | 0.2                                   | 0.8                                   | -0.1                                  | 37.8                                 | 7.05      | 76.2      | 2.5      |
| KGKDD010 | 48.34     | 48.59   | 5479                                  | 12363                   | 1303                                  | 3927                                  | 287                                   | 48.8                                  | 83.9                                  | 5.8                                   | 15.0                                  | 1.4                                   | 1.8                                   | 0.2                                   | 0.8                                   | 0.1                                   | 31.8                                 | 2.35      | 47.5      | 5.7      |
| KGKDD010 | 48.59     | 50.20   | 2361                                  | 5321                    | 577                                   | 1758                                  | 128                                   | 20.5                                  | 35.5                                  | 2.7                                   | 6.0                                   | 0.7                                   | 1.1                                   | -0.1                                  | 0.8                                   | -0.1                                  | 15.1                                 | 1.02      | 14.5      | 3.9      |
| KGKDD010 | 50.20     | 51.20   | 2021                                  | 4543                    | 483                                   | 1508                                  | 113                                   | 18.2                                  | 32.9                                  | 2.2                                   | 6.1                                   | 0.7                                   | 1.1                                   | 0.1                                   | 0.7                                   | -0.1                                  | 13.8                                 | 0.87      | 15.6      | 1.6      |
| KGKDD010 | 51.20     | 52.20   | 2762                                  | 6092                    | 639                                   | 1952                                  | 137                                   | 22.6                                  | 38.5                                  | 2.7                                   | 7.6                                   | 0.9                                   | 1.8                                   | 0.1                                   | 1.1                                   | 0.1                                   | 20.5                                 | 1.17      | 16.1      | 3.1      |
| KGKDD010 | 52.20     | 53.20   | 1937                                  | 4347                    | 478                                   | 1473                                  | 109                                   | 17.8                                  | 30.2                                  | 2.0                                   | 5.6                                   | 0.7                                   | 1.1                                   | -0.1                                  | 0.3                                   | 0.1                                   | 14.4                                 | 0.84      | 14.3      | 3.9      |
| KGKDD010 | 53.20     | 54.20   | 3308                                  | 8063                    | 924                                   | 2997                                  | 261                                   | 44.7                                  | 77.7                                  | 5.3                                   | 12.2                                  | 1.3                                   | 2.1                                   | 0.2                                   | 0.8                                   | 0.1                                   | 26.9                                 | 1.57      | 43.3      | 2.4      |
| KGKDD010 | 54.20     | 55.20   | 1940                                  | 4777                    | 549                                   | 1826                                  | 165                                   | 29.9                                  | 56.5                                  | 3.8                                   | 11.1                                  | 1.2                                   | 1.9                                   | 0.2                                   | 1.3                                   | 0.1                                   | 25.9                                 | 0.94      | 36.1      | 2.1      |
| KGKDD010 | 55.20     | 55.75   | 3239                                  | 7234                    | 776                                   | 2370                                  | 173                                   | 28.0                                  | 47.7                                  | 3.5                                   | 8.4                                   | 0.9                                   | 1.5                                   | 0.2                                   | 0.9                                   | 0.1                                   | 21.1                                 | 1.39      | 23.9      | 3.1      |
| KGKDD010 | 55.75     | 56.58   | 5486                                  | 11840                   | 1230                                  | 3615                                  | 260                                   | 43.3                                  | 74.1                                  | 4.9                                   | 13.7                                  | 1.3                                   | 2.6                                   | 0.2                                   | 1.1                                   | 0.1                                   | 30.6                                 | 2.26      | 42.5      | 7.1      |
| KGKDD010 | 56.58     | 57.00   | 3131                                  | 7165                    | 780                                   | 2442                                  | 178                                   | 27.6                                  | 47.5                                  | 3.3                                   | 8.7                                   | 0.9                                   | 1.7                                   | 0.2                                   | 1.0                                   | 0.1                                   | 21.6                                 | 1.38      | 20.0      | 4.6      |
| KGKDD010 | 57.00     | 57.36   | 3010                                  | 6989                    | 751                                   | 2323                                  | 163                                   | 26.8                                  | 44.2                                  | 3.1                                   | 8.7                                   | 0.8                                   | 1.5                                   | 0.2                                   | 0.7                                   | -0.1                                  | 18.2                                 | 1.33      | 25.7      | 4.6      |
| KGKDD010 | 57.36     | 57.67   | 9396                                  | 20506                   | 2157                                  | 6603                                  | 516                                   | 88.2                                  | 167.2                                 | 11.8                                  | 29.5                                  | 2.6                                   | 3.5                                   | 0.3                                   | 0.8                                   | 0.2                                   | 56.6                                 | 3.95      | 107.9     | 2.0      |
| KGKDD010 | 57.67     | 58.26   | 3614                                  | 7965                    | 823                                   | 2500                                  | 183                                   | 27.9                                  | 45.2                                  | 3.4                                   | 8.6                                   | 0.9                                   | 1.8                                   | 0.1                                   | 1.1                                   | 0.1                                   | 20.7                                 | 1.52      | 25.1      | 3.5      |
| KGKDD010 | 58.26     | 58.79   | 2663                                  | 5694                    | 584                                   | 1735                                  | 115                                   | 18.1                                  | 28.4                                  | 2.2                                   | 5.2                                   | 0.6                                   | 1.0                                   | 0.2                                   | 0.7                                   | 0.1                                   | 14.2                                 | 1.09      | 16.8      | 2.5      |
| KGKDD010 | 58.79     | 59.79   | 10370                                 | 19847                   | 1958                                  | 5627                                  | 337                                   | 50.0                                  | 78.4                                  | 5.1                                   | 11.0                                  | 1.2                                   | 1.9                                   | 0.2                                   | 0.7                                   | -0.1                                  | 27.1                                 | 3.83      | 39.1      | 1.4      |
| KGKDD010 | 59.79     | 60.58   | 9319                                  | 19109                   | 1942                                  | 5908                                  | 398                                   | 62.2                                  | 97.5                                  | 6.5                                   | 16.1                                  | 1.5                                   | 2.7                                   | 0.2                                   | 1.2                                   | 0.1                                   | 31.6                                 | 3.69      | 48.7      | 1.3      |
| KGKDD010 | 60.58     | 61.30   | 9636                                  | 21206                   | 2234                                  | 6932                                  | 473                                   | 73.1                                  | 117.7                                 | 6.8                                   | 15.3                                  | 1.5                                   | 1.9                                   | 0.2                                   | 0.5                                   | -0.1                                  | 29.0                                 | 4.07      | 57.2      | 1.0      |
| KGKDD010 | 61.30     | 61.63   | 5770                                  | 12541                   | 1328                                  | 4074                                  | 306                                   | 51.1                                  | 87.7                                  | 5.9                                   | 14.2                                  | 1.3                                   | 2.1                                   | 0.2                                   | 0.9                                   | 0.2                                   | 29.7                                 | 2.42      | 48.5      | 1.1      |
| KGKDD010 | 61.63     | 62.28   | 7975                                  | 17928                   | 1961                                  | 6392                                  | 454                                   | 67.2                                  | 106.9                                 | 6.4                                   | 15.6                                  | 1.4                                   | 1.8                                   | 0.1                                   | 1.1                                   | -0.1                                  | 29.8                                 | 3.49      | 49.2      | 0.9      |
| KGKDD010 | 62.28     | 63.17   | 6816                                  | 14989                   | 1582                                  | 4784                                  | 337                                   | 51.1                                  | 81.5                                  | 5.1                                   | 13.5                                  | 1.4                                   | 2.4                                   | 0.3                                   | 1.3                                   | 0.2                                   | 29.7                                 | 2.87      | 38.4      | 1.2      |
| KGKDD010 | 63.17     | 64.78   | 10710                                 | 22783                   | 2362                                  | 7314                                  | 520                                   | 82.0                                  | 131.9                                 | 8.8                                   | 21.2                                  | 2.3                                   | 3.5                                   | 0.3                                   | 1.4                                   | 0.2                                   | 46.0                                 | 4.40      | 61.7      | 2.0      |
| KGKDD010 | 64.78     | 65.20   | 8009                                  | 16738                   | 1677                                  | 4982                                  | 340                                   | 52.9                                  | 88.5                                  | 6.1                                   | 16.3                                  | 1.4                                   | 2.1                                   | 0.2                                   | 0.7                                   | 0.1                                   | 33.0                                 | 3.19      | 43.3      | 1.5      |
| KGKDD010 | 65.20     | 65.97   | 13787                                 | 31390                   | 3456                                  | 11103                                 | 880                                   | 140.5                                 | 232.9                                 | 14.4                                  | 31.9                                  | 3.0                                   | 3.8                                   | 0.3                                   | 1.3                                   | 0.1                                   | 60.7                                 | 6.11      | 140.7     | 1.3      |

| Hole ID  | From<br>m | To<br>m | La <sub>2</sub> O <sub>3</sub><br>ppm | CeO <sub>2</sub><br>ppm | Pr <sub>2</sub> O <sub>3</sub><br>ppm | Nd <sub>2</sub> O <sub>3</sub><br>ppm | Sm <sub>2</sub> O <sub>3</sub><br>ppm | Eu <sub>2</sub> O <sub>3</sub><br>ppm | Gd <sub>2</sub> O <sub>3</sub><br>ppm | Tb <sub>2</sub> O <sub>3</sub><br>ppm | Dy <sub>2</sub> O <sub>3</sub><br>ppm | Ho <sub>2</sub> O <sub>3</sub><br>ppm | Er <sub>2</sub> O <sub>3</sub><br>ppm | Tm <sub>2</sub> O <sub>3</sub><br>ppm | Yb <sub>2</sub> O <sub>3</sub><br>ppm | Lu <sub>2</sub> O <sub>3</sub><br>ppm | Y <sub>2</sub> O <sub>3</sub><br>ppm | TREO<br>% | Th<br>ppm | U<br>ppm |
|----------|-----------|---------|---------------------------------------|-------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|--------------------------------------|-----------|-----------|----------|
| KGKDD010 | 65.97     | 66.93   | 8619                                  | 18197                   | 1873                                  | 5797                                  | 411                                   | 65.5                                  | 105.3                                 | 6.9                                   | 16.8                                  | 1.7                                   | 2.5                                   | 0.3                                   | 1.5                                   | 0.2                                   | 35.2                                 | 3.51      | 54.4      | 4.1      |
| KGKDD010 | 66.93     | 67.59   | 4671                                  | 9679                    | 994                                   | 3053                                  | 231                                   | 37.6                                  | 62.5                                  | 4.2                                   | 9.6                                   | 1.2                                   | 2.2                                   | 0.2                                   | 1.5                                   | 0.2                                   | 26.8                                 | 1.88      | 32.0      | 3.8      |
| KGKDD010 | 67.59     | 68.00   | 9012                                  | 18625                   | 1917                                  | 5868                                  | 412                                   | 64.6                                  | 104.2                                 | 6.6                                   | 16.2                                  | 1.6                                   | 2.3                                   | 0.2                                   | 1.6                                   | 0.2                                   | 33.1                                 | 3.61      | 48.1      | 1.7      |
| KGKDD010 | 68.00     | 68.46   | 5298                                  | 12174                   | 1325                                  | 4135                                  | 301                                   | 46.4                                  | 72.8                                  | 4.9                                   | 11.7                                  | 1.2                                   | 2.9                                   | 0.2                                   | 1.5                                   | 0.1                                   | 27.6                                 | 2.34      | 37.1      | 2.8      |
| KGKDD010 | 68.46     | 69.29   | 5129                                  | 11448                   | 1216                                  | 3766                                  | 273                                   | 43.0                                  | 68.8                                  | 4.6                                   | 12.3                                  | 1.3                                   | 1.8                                   | 0.3                                   | 1.1                                   | 0.2                                   | 26.7                                 | 2.20      | 38.8      | 1.4      |
| KGKDD010 | 69.29     | 69.87   | 5037                                  | 11443                   | 1239                                  | 3831                                  | 275                                   | 43.5                                  | 71.0                                  | 4.8                                   | 12.5                                  | 1.2                                   | 1.9                                   | 0.2                                   | 0.9                                   | 0.1                                   | 26.9                                 | 2.20      | 37.7      | 1.4      |
| KGKDD010 | 69.87     | 70.76   | 4662                                  | 11724                   | 1347                                  | 4433                                  | 350                                   | 54.0                                  | 86.5                                  | 5.3                                   | 13.1                                  | 1.3                                   | 1.9                                   | 0.2                                   | 1.0                                   | 0.2                                   | 29.3                                 | 2.27      | 39.8      | 1.7      |
| KGKDD010 | 70.76     | 71.72   | 10538                                 | 22610                   | 2414                                  | 7609                                  | 595                                   | 100.6                                 | 170.4                                 | 11.5                                  | 28.5                                  | 2.6                                   | 4.1                                   | 0.3                                   | 0.9                                   | 0.1                                   | 54.4                                 | 4.41      | 100.2     | 5.1      |
| KGKDD010 | 71.72     | 72.95   | 6689                                  | 15740                   | 1732                                  | 5617                                  | 436                                   | 69.1                                  | 112.3                                 | 6.8                                   | 17.5                                  | 1.7                                   | 2.5                                   | 0.2                                   | 1.6                                   | 0.2                                   | 38.1                                 | 3.05      | 51.0      | 1.1      |
| KGKDD010 | 72.95     | 73.52   | 3722                                  | 8860                    | 979                                   | 3073                                  | 233                                   | 38.0                                  | 62.9                                  | 4.1                                   | 10.4                                  | 0.9                                   | 1.7                                   | 0.1                                   | 1.2                                   | -0.1                                  | 23.4                                 | 1.70      | 28.6      | 2.1      |
| KGKDD010 | 73.52     | 74.15   | 4688                                  | 11122                   | 1249                                  | 3968                                  | 306                                   | 48.6                                  | 76.7                                  | 4.8                                   | 11.1                                  | 1.0                                   | 1.9                                   | 0.2                                   | 0.9                                   | 0.1                                   | 26.4                                 | 2.15      | 36.7      | 1.5      |
| KGKDD010 | 74.15     | 75.00   | 4525                                  | 10674                   | 1174                                  | 3655                                  | 277                                   | 43.7                                  | 73.8                                  | 4.7                                   | 12.5                                  | 1.5                                   | 1.9                                   | 0.2                                   | 1.0                                   | 0.1                                   | 28.1                                 | 2.05      | 37.2      | 3.4      |
| KGKDD011 | 0.00      | 2.00    | NS                                    | NS                      | NS                                    | NS                                    | NS                                    | NS                                    | NS                                    | NS                                    | NS                                    | NS                                    | NS                                    | NS                                    | NS                                    | NS                                    | NS                                   | NS        | NS        | NS       |
| KGKDD011 | 2.00      | 2.30    | 2736                                  | 5196                    | 510                                   | 1485                                  | 115                                   | 17.8                                  | 31.0                                  | 2.0                                   | 4.3                                   | 0.5                                   | 0.8                                   | -0.1                                  | 0.4                                   | -0.1                                  | 10.7                                 | 1.01      | 14.8      | 0.4      |
| KGKDD011 | 2.30      | 3.21    | 6531                                  | 12245                   | 1191                                  | 3422                                  | 237                                   | 35.9                                  | 61.1                                  | 4.0                                   | 9.1                                   | 0.9                                   | 1.5                                   | 0.1                                   | 0.4                                   | -0.1                                  | 17.9                                 | 2.38      | 24.5      | 0.9      |
| KGKDD011 | 3.21      | 4.20    | 22675                                 | 40077                   | 3715                                  | 10613                                 | 710                                   | 110.6                                 | 183.4                                 | 12.6                                  | 27.3                                  | 2.8                                   | 4.0                                   | 0.2                                   | 1.6                                   | 0.1                                   | 55.5                                 | 7.82      | 68.5      | 1.7      |
| KGKDD011 | 4.20      | 5.20    | 13289                                 | 24445                   | 2324                                  | 6802                                  | 453                                   | 71.0                                  | 116.2                                 | 7.5                                   | 17.6                                  | 1.7                                   | 2.7                                   | 0.6                                   | 1.0                                   | -0.1                                  | 34.0                                 | 4.76      | 43.2      | 1.3      |
| KGKDD011 | 5.20      | 6.20    | 4124                                  | 7960                    | 781                                   | 2288                                  | 164                                   | 26.6                                  | 45.2                                  | 2.8                                   | 6.8                                   | 0.6                                   | 0.9                                   | -0.1                                  | 0.3                                   | -0.1                                  | 11.7                                 | 1.54      | 17.6      | 0.9      |
| KGKDD011 | 6.20      | 6.66    | 4154                                  | 7624                    | 723                                   | 2095                                  | 149                                   | 22.0                                  | 37.2                                  | 2.5                                   | 5.7                                   | 0.5                                   | 0.7                                   | 0.1                                   | 0.3                                   | -0.1                                  | 9.8                                  | 1.48      | 17.3      | 0.9      |
| KGKDD011 | 6.66      | 7.30    | 7008                                  | 13374                   | 1310                                  | 3767                                  | 264                                   | 41.5                                  | 64.3                                  | 4.1                                   | 9.3                                   | 0.9                                   | 1.1                                   | -0.1                                  | 0.4                                   | -0.1                                  | 17.3                                 | 2.59      | 31.0      | 0.9      |
| KGKDD011 | 7.30      | 8.00    | 16628                                 | 29795                   | 2791                                  | 8093                                  | 561                                   | 88.8                                  | 139.4                                 | 9.6                                   | 22.3                                  | 2.0                                   | 3.0                                   | 0.2                                   | 1.3                                   | 0.1                                   | 41.1                                 | 5.82      | 59.4      | 0.9      |
| KGKDD011 | 8.00      | 9.00    | 12390                                 | 21305                   | 1924                                  | 5398                                  | 364                                   | 60.6                                  | 102.1                                 | 7.3                                   | 16.2                                  | 1.6                                   | 2.9                                   | 0.2                                   | 1.6                                   | 0.1                                   | 33.9                                 | 4.16      | 41.0      | 0.5      |
| KGKDD011 | 9.00      | 9.96    | 11922                                 | 21166                   | 1965                                  | 5631                                  | 383                                   | 60.0                                  | 95.9                                  | 6.7                                   | 15.7                                  | 1.6                                   | 1.9                                   | 0.1                                   | 1.1                                   | 0.1                                   | 30.6                                 | 4.13      | 40.5      | 0.5      |
| KGKDD011 | 9.96      | 10.97   | 13371                                 | 22902                   | 2073                                  | 5848                                  | 390                                   | 61.0                                  | 100.7                                 | 6.9                                   | 17.0                                  | 1.6                                   | 2.4                                   | 0.2                                   | 1.2                                   | 0.2                                   | 34.8                                 | 4.48      | 37.8      | 0.6      |
| KGKDD011 | 10.97     | 11.89   | 16315                                 | 29020                   | 2682                                  | 7772                                  | 506                                   | 78.4                                  | 132.0                                 | 8.9                                   | 22.0                                  | 2.5                                   | 4.2                                   | 0.5                                   | 1.6                                   | 0.2                                   | 53.5                                 | 5.66      | 52.3      | 0.8      |
| KGKDD011 | 11.89     | 12.67   | 18997                                 | 33876                   | 3193                                  | 9092                                  | 603                                   | 95.9                                  | 157.7                                 | 10.1                                  | 21.5                                  | 2.3                                   | 3.3                                   | 0.2                                   | 1.1                                   | 0.1                                   | 43.7                                 | 6.61      | 62.5      | 0.9      |
| KGKDD011 | 12.67     | 13.86   | 5833                                  | 11490                   | 1109                                  | 3248                                  | 229                                   | 34.6                                  | 54.2                                  | 3.4                                   | 8.5                                   | 0.7                                   | 1.0                                   | -0.1                                  | 0.4                                   | -0.1                                  | 14.6                                 | 2.20      | 25.4      | 0.4      |
| KGKDD011 | 13.86     | 14.27   | 11102                                 | 23227                   | 2402                                  | 7307                                  | 541                                   | 86.4                                  | 134.4                                 | 8.8                                   | 18.1                                  | 1.6                                   | 1.9                                   | 0.2                                   | 0.8                                   | -0.1                                  | 31.2                                 | 4.49      | 62.1      | 0.7      |
| KGKDD011 | 14.27     | 14.84   | 17629                                 | 36019                   | 3562                                  | 10885                                 | 772                                   | 120.5                                 | 190.1                                 | 11.6                                  | 25.6                                  | 2.3                                   | 3.0                                   | 0.2                                   | 1.1                                   | 0.2                                   | 41.0                                 | 6.93      | 103.1     | 1.8      |
| KGKDD011 | 14.84     | 15.71   | 10890                                 | 20610                   | 2022                                  | 5972                                  | 412                                   | 67.0                                  | 109.8                                 | 7.2                                   | 14.9                                  | 1.4                                   | 2.2                                   | 0.2                                   | 1.1                                   | -0.1                                  | 28.3                                 | 4.01      | 56.7      | 0.8      |
| KGKDD011 | 15.71     | 16.71   | 11083                                 | 20617                   | 2004                                  | 5923                                  | 439                                   | 70.6                                  | 120.2                                 | 7.8                                   | 18.1                                  | 1.5                                   | 1.9                                   | 0.2                                   | 0.7                                   | 0.1                                   | 33.3                                 | 4.03      | 54.9      | 0.7      |
| KGKDD011 | 16.71     | 17.71   | 7799                                  | 13414                   | 1222                                  | 3398                                  | 233                                   | 37.3                                  | 63.4                                  | 4.1                                   | 10.9                                  | 1.0                                   | 1.7                                   | 0.1                                   | 0.6                                   | 0.1                                   | 24.6                                 | 2.62      | 26.1      | 0.4      |
| KGKDD011 | 17.71     | 18.52   | 7640                                  | 12903                   | 1151                                  | 3153                                  | 211                                   | 34.4                                  | 58.5                                  | 4.0                                   | 10.6                                  | 1.2                                   | 1.6                                   | 0.2                                   | 0.8                                   | -0.1                                  | 22.7                                 | 2.52      | 22.3      | 0.4      |
| KGKDD011 | 18.52     | 19.26   | 9470                                  | 16636                   | 1533                                  | 4276                                  | 290                                   | 46.1                                  | 75.7                                  | 5.1                                   | 13.3                                  | 1.3                                   | 1.8                                   | 0.2                                   | 1.0                                   | -0.1                                  | 28.2                                 | 3.24      | 34.9      | 0.4      |
| KGKDD011 | 19.26     | 19.78   | 25673                                 | 42575                   | 3952                                  | 11074                                 | 721                                   | 117.3                                 | 184.1                                 | 13.1                                  | 29.3                                  | 2.8                                   | 3.7                                   | 0.2                                   | 1.0                                   | 0.1                                   | 57.0                                 | 8.44      | 70.4      | 0.5      |
| KGKDD011 | 19.78     | 20.78   | 7001                                  | 12691                   | 1184                                  | 3353                                  | 239                                   | 39.5                                  | 68.2                                  | 4.6                                   | 11.3                                  | 1.4                                   | 1.6                                   | 0.3                                   | 1.1                                   | 0.1                                   | 26.8                                 | 2.46      | 30.3      | 0.3      |
| KGKDD011 | 20.78     | 21.62   | 7263                                  | 13468                   | 1298                                  | 3790                                  | 288                                   | 46.1                                  | 76.5                                  | 5.4                                   | 12.5                                  | 1.4                                   | 1.9                                   | 0.1                                   | 0.8                                   | -0.1                                  | 26.3                                 | 2.63      | 37.4      | 0.4      |
| KGKDD011 | 21.62     | 22.05   | 6840                                  | 12701                   | 1190                                  | 3404                                  | 245                                   | 39.5                                  | 67.9                                  | 4.7                                   | 11.3                                  | 0.9                                   | 1.6                                   | 0.2                                   | 0.5                                   | 0.1                                   | 23.0                                 | 2.45      | 30.0      | 0.3      |
| KGKDD011 | 22.05     | 23.00   | 6303                                  | 11189                   | 1024                                  | 2930                                  | 215                                   | 36.8                                  | 62.5                                  | 4.5                                   | 11.9                                  | 1.3                                   | 2.1                                   | 0.1                                   | 0.7                                   | -0.1                                  | 24.3                                 | 2.18      | 28.8      | 0.4      |
| KGKDD011 | 23.00     | 23.84   | 6905                                  | 12703                   | 1202                                  | 3445                                  | 246                                   | 41.3                                  | 69.9                                  | 4.9                                   | 12.7                                  | 1.3                                   | 1.9                                   | 0.2                                   | 0.6                                   | -0.1                                  | 26.3                                 | 2.47      | 34.5      | 0.4      |
| KGKDD011 | 23.84     | 24.24   | 11301                                 | 20433                   | 1907                                  | 5487                                  | 386                                   | 62.4                                  | 106.1                                 | 7.7                                   | 20.1                                  | 1.8                                   | 2.6                                   | 0.3                                   | 1.2                                   | 0.1                                   | 39.9                                 | 3.98      | 58.8      | 0.5      |
| KGKDD011 | 24.24     | 25.00   | 18634                                 | 31061                   | 2769                                  | 7789                                  | 486                                   | 76.3                                  | 127.1                                 | 9.1                                   | 21.7                                  | 2.0                                   | 3.0                                   | 0.3                                   | 1.2                                   | 0.2                                   | 42.7                                 | 6.10      | 46.3      | 0.5      |
| KGKDD011 | 25.00     | 26.00   | 17692                                 | 29480                   | 2686                                  | 7437                                  | 486                                   | 77.8                                  | 127.8                                 | 8.0                                   | 20.0                                  | 2.0                                   | 3.0                                   | 0.3                                   | 1.4                                   | 0.2                                   | 42.8                                 | 5.81      | 45.1      | 0.6      |
| KGKDD011 | 26.00     | 26.96   | 15248                                 | 25790                   | 2285                                  | 6368                                  | 406                                   | 65.7                                  | 109.0                                 | 7.9                                   | 19.9                                  | 2.0                                   | 3.2                                   | 0.3                                   | 1.7                                   | 0.3                                   | 48.3                                 | 5.04      | 38.3      | 0.7      |
| KGKDD011 | 26.96     | 27.31   | 13956                                 | 26927                   | 2588                                  | 7411                                  | 461                                   | 70.5                                  | 111.2                                 | 7.8                                   | 19.1                                  | 1.7                                   | 2.9                                   | 0.2                                   | 1.0                                   | 0.2                                   | 42.9                                 | 5.16      | 55.3      | 0.7      |

| Hole ID  | From<br>m | To<br>m | La <sub>2</sub> O <sub>3</sub><br>ppm | CeO <sub>2</sub><br>ppm | Pr <sub>2</sub> O <sub>3</sub><br>ppm | Nd <sub>2</sub> O <sub>3</sub><br>ppm | Sm <sub>2</sub> O <sub>3</sub><br>ppm | Eu <sub>2</sub> O <sub>3</sub><br>ppm | Gd <sub>2</sub> O <sub>3</sub><br>ppm | Tb <sub>2</sub> O <sub>3</sub><br>ppm | Dy <sub>2</sub> O <sub>3</sub><br>ppm | Ho <sub>2</sub> O <sub>3</sub><br>ppm | Er <sub>2</sub> O <sub>3</sub><br>ppm | Tm <sub>2</sub> O <sub>3</sub><br>ppm | Yb <sub>2</sub> O <sub>3</sub><br>ppm | Lu <sub>2</sub> O <sub>3</sub><br>ppm | Y <sub>2</sub> O <sub>3</sub><br>ppm | TREO<br>% | Th<br>ppm | U<br>ppm |
|----------|-----------|---------|---------------------------------------|-------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|--------------------------------------|-----------|-----------|----------|
| KGKDD011 | 27.31     | 27.68   | 7314                                  | 12726                   | 1151                                  | 3215                                  | 219                                   | 34.6                                  | 55.4                                  | 4.0                                   | 11.6                                  | 1.3                                   | 1.9                                   | 0.1                                   | 0.8                                   | 0.1                                   | 24.1                                 | 2.48      | 24.1      | 0.9      |
| KGKDD011 | 27.68     | 27.90   | 17568                                 | 29008                   | 2555                                  | 7129                                  | 462                                   | 75.8                                  | 127.0                                 | 8.9                                   | 20.1                                  | 2.0                                   | 3.4                                   | 0.3                                   | 1.3                                   | 0.3                                   | 46.9                                 | 5.70      | 49.2      | 0.8      |
| KGKDD011 | 27.90     | 28.81   | 18871                                 | 31404                   | 2773                                  | 7731                                  | 508                                   | 82.0                                  | 139.1                                 | 9.5                                   | 22.8                                  | 2.2                                   | 3.4                                   | 0.3                                   | 1.1                                   | 0.2                                   | 49.0                                 | 6.16      | 54.9      | 0.9      |
| KGKDD011 | 28.81     | 29.13   | 15371                                 | 25930                   | 2318                                  | 6522                                  | 441                                   | 71.4                                  | 119.9                                 | 8.1                                   | 20.1                                  | 2.1                                   | 3.4                                   | 0.3                                   | 1.6                                   | 0.2                                   | 46.5                                 | 5.09      | 48.4      | 0.9      |
| KGKDD011 | 29.13     | 30.00   | 15623                                 | 25328                   | 2235                                  | 6191                                  | 407                                   | 65.5                                  | 116.0                                 | 8.1                                   | 19.2                                  | 2.1                                   | 3.4                                   | 0.3                                   | 2.0                                   | 0.2                                   | 49.3                                 | 5.00      | 43.2      | 0.8      |
| KGKDD011 | 30.00     | 31.00   | 11951                                 | 19796                   | 1722                                  | 4696                                  | 299                                   | 46.6                                  | 77.1                                  | 5.7                                   | 13.3                                  | 1.6                                   | 2.3                                   | 0.2                                   | 1.3                                   | 0.1                                   | 31.0                                 | 3.86      | 30.9      | 0.6      |
| KGKDD011 | 31.00     | 32.00   | 13966                                 | 23600                   | 2125                                  | 6004                                  | 401                                   | 63.6                                  | 114.7                                 | 7.5                                   | 19.4                                  | 2.1                                   | 4.0                                   | 0.5                                   | 2.6                                   | 0.3                                   | 50.8                                 | 4.64      | 43.6      | 0.7      |
| KGKDD011 | 32.00     | 33.00   | 14550                                 | 23936                   | 2103                                  | 5851                                  | 380                                   | 60.6                                  | 104.1                                 | 7.4                                   | 20.1                                  | 2.2                                   | 3.9                                   | 0.5                                   | 2.2                                   | 0.3                                   | 56.4                                 | 4.71      | 40.7      | 0.7      |
| KGKDD011 | 33.00     | 33.64   | 9283                                  | 16164                   | 1540                                  | 4399                                  | 336                                   | 55.8                                  | 93.4                                  | 6.6                                   | 16.9                                  | 1.6                                   | 2.7                                   | 0.2                                   | 1.0                                   | 0.2                                   | 35.9                                 | 3.19      | 50.0      | 0.9      |
| KGKDD011 | 33.64     | 34.26   | 16791                                 | 29165                   | 2647                                  | 7527                                  | 505                                   | 82.3                                  | 141.3                                 | 9.9                                   | 25.0                                  | 2.4                                   | 4.1                                   | 0.2                                   | 1.6                                   | 0.2                                   | 54.7                                 | 5.70      | 63.7      | 0.5      |
| KGKDD011 | 34.26     | 34.87   | 25630                                 | 43453                   | 3931                                  | 10931                                 | 735                                   | 117.4                                 | 203.5                                 | 14.2                                  | 33.1                                  | 3.2                                   | 4.1                                   | 0.3                                   | 1.4                                   | 0.1                                   | 64.8                                 | 8.51      | 86.5      | 0.5      |
| KGKDD011 | 34.87     | 35.85   | 12981                                 | 21182                   | 1894                                  | 5209                                  | 340                                   | 52.9                                  | 91.9                                  | 5.8                                   | 14.0                                  | 1.3                                   | 1.6                                   | 0.2                                   | 1.2                                   | 0.1                                   | 27.3                                 | 4.18      | 30.0      | 0.2      |
| KGKDD011 | 35.85     | 36.79   | 29881                                 | 51166                   | 4692                                  | 13488                                 | 900                                   | 143.5                                 | 230.8                                 | 16.7                                  | 37.9                                  | 3.8                                   | 5.4                                   | 0.5                                   | 2.2                                   | 0.3                                   | 76.2                                 | 10.06     | 112.2     | 0.9      |
| KGKDD011 | 36.79     | 37.72   | 10316                                 | 18980                   | 1824                                  | 5234                                  | 365                                   | 57.3                                  | 95.1                                  | 7.1                                   | 21.8                                  | 2.2                                   | 4.4                                   | 0.3                                   | 1.3                                   | 0.2                                   | 55.6                                 | 3.70      | 55.5      | 0.6      |
| KGKDD011 | 37.72     | 38.51   | 12355                                 | 20623                   | 1844                                  | 5173                                  | 348                                   | 55.8                                  | 92.0                                  | 5.9                                   | 14.7                                  | 1.5                                   | 2.5                                   | 0.1                                   | 0.6                                   | 0.1                                   | 30.6                                 | 4.05      | 39.1      | 0.6      |
| KGKDD011 | 38.51     | 39.30   | 12009                                 | 21454                   | 1995                                  | 5765                                  | 425                                   | 68.8                                  | 105.6                                 | 7.5                                   | 16.2                                  | 1.6                                   | 2.5                                   | 0.2                                   | 0.6                                   | 0.2                                   | 33.8                                 | 4.19      | 46.0      | 1.0      |
| KGKDD011 | 39.30     | 40.23   | 11552                                 | 18882                   | 1693                                  | 4642                                  | 302                                   | 49.7                                  | 81.9                                  | 6.1                                   | 14.6                                  | 1.3                                   | 2.3                                   | 0.2                                   | 0.9                                   | 0.1                                   | 31.8                                 | 3.73      | 32.8      | 0.4      |
| KGKDD011 | 40.23     | 41.00   | 7872                                  | 13446                   | 1211                                  | 3404                                  | 249                                   | 41.0                                  | 73.8                                  | 5.3                                   | 13.8                                  | 1.4                                   | 2.4                                   | 0.3                                   | 0.7                                   | 0.1                                   | 33.0                                 | 2.64      | 31.5      | 0.6      |
| KGKDD011 | 41.00     | 41.92   | 9723                                  | 16125                   | 1622                                  | 4665                                  | 316                                   | 49.9                                  | 82.6                                  | 5.5                                   | 12.9                                  | 1.5                                   | 2.4                                   | 0.2                                   | 0.8                                   | 0.2                                   | 32.5                                 | 3.26      | 35.0      | 0.4      |
| KGKDD011 | 41.92     | 42.67   | 10168                                 | 17872                   | 1637                                  | 4585                                  | 314                                   | 50.6                                  | 85.1                                  | 5.9                                   | 14.4                                  | 1.4                                   | 2.7                                   | 0.2                                   | 0.8                                   | 0.1                                   | 32.9                                 | 3.48      | 38.9      | 0.6      |
| KGKDD011 | 42.67     | 43.67   | 7663                                  | 13839                   | 1376                                  | 3919                                  | 282                                   | 44.0                                  | 76.8                                  | 5.2                                   | 12.1                                  | 1.3                                   | 2.1                                   | 0.2                                   | 0.6                                   | 0.2                                   | 27.7                                 | 2.72      | 35.2      | 0.4      |
| KGKDD011 | 43.67     | 44.67   | 10685                                 | 18405                   | 1779                                  | 5104                                  | 345                                   | 54.8                                  | 94.0                                  | 6.4                                   | 15.7                                  | 1.5                                   | 2.3                                   | 0.3                                   | 1.1                                   | 0.1                                   | 33.3                                 | 3.65      | 36.3      | 0.4      |
| KGKDD011 | 44.67     | 45.67   | 12077                                 | 20590                   | 1909                                  | 5266                                  | 326                                   | 52.6                                  | 88.8                                  | 6.2                                   | 14.8                                  | 1.4                                   | 2.5                                   | 0.2                                   | 1.2                                   | -0.1                                  | 33.0                                 | 4.04      | 36.9      | 0.5      |
| KGKDD011 | 45.67     | 46.27   | 10491                                 | 18271                   | 1721                                  | 4930                                  | 335                                   | 53.2                                  | 85.9                                  | 6.0                                   | 13.3                                  | 1.5                                   | 2.4                                   | 0.2                                   | 1.1                                   | 0.1                                   | 31.1                                 | 3.59      | 34.2      | 0.2      |
| KGKDD011 | 46.27     | 46.47   | 10130                                 | 16864                   | 2086                                  | 6234                                  | 439                                   | 69.1                                  | 113.9                                 | 6.9                                   | 16.3                                  | 1.5                                   | 2.5                                   | 0.2                                   | 1.3                                   | 0.2                                   | 33.5                                 | 3.60      | 49.6      | 0.2      |
| KGKDD011 | 46.47     | 47.13   | 11475                                 | 17037                   | 2015                                  | 5886                                  | 396                                   | 63.7                                  | 104.6                                 | 7.2                                   | 17.5                                  | 1.6                                   | 2.6                                   | 0.1                                   | 0.7                                   | 0.1                                   | 32.5                                 | 3.70      | 43.8      | 0.4      |
| KGKDD011 | 47.13     | 48.00   | 31025                                 | 44053                   | 5835                                  | 17524                                 | 1297                                  | 212.9                                 | 342.7                                 | 21.3                                  | 45.9                                  | 3.9                                   | 4.6                                   | 0.3                                   | 1.2                                   | 0.2                                   | 72.4                                 | 10.04     | 183.2     | 0.9      |
| KGKDD011 | 48.00     | 48.46   | 5381                                  | 5411                    | 1055                                  | 3245                                  | 237                                   | 37.4                                  | 63.0                                  | 4.7                                   | 12.1                                  | 1.2                                   | 1.6                                   | 0.2                                   | 0.7                                   | 0.1                                   | 26.2                                 | 1.55      | 33.9      | 0.3      |
| KGKDD011 | 48.46     | 48.93   | 8022                                  | 4567                    | 1103                                  | 2933                                  | 186                                   | 30.2                                  | 53.8                                  | 3.8                                   | 12.9                                  | 1.4                                   | 2.2                                   | 0.2                                   | 0.8                                   | 0.1                                   | 30.1                                 | 1.69      | 11.5      | 0.4      |
| KGKDD011 | 48.93     | 49.13   | 19479                                 | 19539                   | 2897                                  | 8015                                  | 528                                   | 85.9                                  | 148.1                                 | 9.5                                   | 25.9                                  | 2.3                                   | 3.3                                   | 0.3                                   | 1.5                                   | 0.1                                   | 48.8                                 | 5.08      | 49.0      | 0.6      |
| KGKDD011 | 49.13     | 49.60   | 6046                                  | 10256                   | 925                                   | 2607                                  | 191                                   | 31.8                                  | 53.3                                  | 4.0                                   | 10.6                                  | 0.8                                   | 1.7                                   | 0.1                                   | 0.7                                   | 0.2                                   | 22.5                                 | 2.02      | 24.4      | 1.3      |
| KGKDD011 | 49.60     | 50.00   | 9064                                  | 15586                   | 1398                                  | 3776                                  | 224                                   | 35.1                                  | 59.4                                  | 4.4                                   | 11.8                                  | 1.5                                   | 3.0                                   | 0.3                                   | 1.3                                   | 0.1                                   | 38.9                                 | 3.02      | 20.6      | 0.7      |
| KGKDD011 | 50.00     | 50.60   | 7544                                  | 12490                   | 1108                                  | 3044                                  | 214                                   | 36.1                                  | 68.8                                  | 5.3                                   | 15.6                                  | 1.7                                   | 3.3                                   | 0.3                                   | 1.2                                   | 0.2                                   | 43.2                                 | 2.46      | 21.7      | 1.0      |
| KGKDD011 | 50.60     | 51.60   | 9597                                  | 3566                    | 1406                                  | 3907                                  | 272                                   | 45.7                                  | 84.0                                  | 5.7                                   | 16.5                                  | 1.7                                   | 2.4                                   | 0.2                                   | 1.1                                   | 0.1                                   | 37.5                                 | 1.89      | 23.7      | 0.2      |
| KGKDD011 | 51.60     | 52.60   | 7176                                  | 11849                   | 1063                                  | 2851                                  | 189                                   | 30.5                                  | 53.0                                  | 3.7                                   | 9.0                                   | 0.7                                   | 1.3                                   | -0.1                                  | 0.7                                   | -0.1                                  | 16.9                                 | 2.32      | 18.1      | 0.5      |
| KGKDD011 | 52.60     | 53.60   | 9928                                  | 16543                   | 1605                                  | 4604                                  | 353                                   | 63.9                                  | 135.1                                 | 12.6                                  | 35.8                                  | 3.3                                   | 4.9                                   | 0.3                                   | 2.4                                   | 0.3                                   | 79.2                                 | 3.34      | 75.3      | 1.1      |
| KGKDD011 | 53.60     | 54.60   | 8627                                  | 3750                    | 1476                                  | 4367                                  | 352                                   | 57.2                                  | 100.8                                 | 6.4                                   | 16.2                                  | 1.6                                   | 2.2                                   | 0.2                                   | 1.1                                   | 0.2                                   | 33.9                                 | 1.88      | 19.0      | 0.3      |
| KGKDD011 | 54.60     | 55.85   | 5107                                  | 8794                    | 986                                   | 3015                                  | 251                                   | 43.5                                  | 79.1                                  | 5.3                                   | 15.3                                  | 1.7                                   | 2.4                                   | 0.3                                   | 1.7                                   | 0.3                                   | 35.8                                 | 1.83      | 43.3      | 2.4      |
| KGKDD011 | 55.85     | 56.85   | 4900                                  | 9043                    | 864                                   | 2465                                  | 175                                   | 30.9                                  | 54.0                                  | 4.1                                   | 9.3                                   | 1.0                                   | 1.8                                   | 0.1                                   | 0.6                                   | 0.1                                   | 23.9                                 | 1.76      | 22.9      | 0.5      |
| KGKDD011 | 56.85     | 57.21   | 9422                                  | 20827                   | 1978                                  | 6009                                  | 404                                   | 66.1                                  | 109.2                                 | 7.2                                   | 19.9                                  | 2.1                                   | 3.2                                   | 0.3                                   | 1.9                                   | 0.2                                   | 42.5                                 | 3.89      | 45.9      | 0.8      |
| KGKDD011 | 57.21     | 58.00   | 5339                                  | 9930                    | 994                                   | 2921                                  | 207                                   | 33.8                                  | 58.5                                  | 3.4                                   | 10.4                                  | 1.0                                   | 1.5                                   | 0.1                                   | 0.9                                   | 0.1                                   | 21.8                                 | 1.95      | 21.7      | 0.5      |
| KGKDD011 | 58.00     | 59.00   | 9581                                  | 17285                   | 1682                                  | 4796                                  | 325                                   | 50.1                                  | 82.5                                  | 5.4                                   | 11.6                                  | 1.4                                   | 1.8                                   | 0.1                                   | 0.9                                   | -0.1                                  | 27.8                                 | 3.39      | 28.0      | 0.1      |
| KGKDD011 | 59.00     | 60.00   | 8444                                  | 11855                   | 1533                                  | 4409                                  | 307                                   | 49.0                                  | 80.8                                  | 4.9                                   | 12.2                                  | 1.2                                   | 1.3                                   | 0.2                                   | 0.7                                   | 0.1                                   | 24.1                                 | 2.67      | 26.2      | 0.1      |
| KGKDD011 | 60.00     | 60.57   | 7116                                  | 4669                    | 1304                                  | 3765                                  | 267                                   | 42.4                                  | 72.5                                  | 4.5                                   | 11.1                                  | 1.3                                   | 1.9                                   | 0.2                                   | 0.6                                   | -0.1                                  | 27.4                                 | 1.73      | 20.1      | 0.2      |
| KGKDD011 | 60.57     | 61.48   | 11102                                 | 16303                   | 2025                                  | 5901                                  | 413                                   | 66.0                                  | 110.4                                 | 7.2                                   | 16.4                                  | 1.6                                   | 2.2                                   | 0.1                                   | 0.8                                   | 0.1                                   | 33.9                                 | 3.60      | 37.5      | 0.4      |

| Hole ID  | From<br>m | To<br>m | La <sub>2</sub> O <sub>3</sub><br>ppm | CeO <sub>2</sub><br>ppm | Pr <sub>2</sub> O <sub>3</sub><br>ppm | Nd <sub>2</sub> O <sub>3</sub><br>ppm | Sm <sub>2</sub> O <sub>3</sub><br>ppm | Eu <sub>2</sub> O <sub>3</sub><br>ppm | Gd <sub>2</sub> O <sub>3</sub><br>ppm | Tb <sub>2</sub> O <sub>3</sub><br>ppm | Dy <sub>2</sub> O <sub>3</sub><br>ppm | Ho <sub>2</sub> O <sub>3</sub><br>ppm | Er <sub>2</sub> O <sub>3</sub><br>ppm | Tm <sub>2</sub> O <sub>3</sub><br>ppm | Yb <sub>2</sub> O <sub>3</sub><br>ppm | Lu <sub>2</sub> O <sub>3</sub><br>ppm | Y <sub>2</sub> O <sub>3</sub><br>ppm | TREO<br>% | Th<br>ppm | U<br>ppm |
|----------|-----------|---------|---------------------------------------|-------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|--------------------------------------|-----------|-----------|----------|
| KGKDD011 | 61.48     | 61.83   | 14673                                 | 2968                    | 2287                                  | 6525                                  | 418                                   | 68.3                                  | 116.8                                 | 7.1                                   | 18.4                                  | 2.1                                   | 3.1                                   | 0.2                                   | 1.3                                   | 0.1                                   | 41.0                                 | 2.71      | 15.6      | 0.2      |
| KGKDD011 | 61.83     | 62.14   | 31035                                 | 3847                    | 4912                                  | 13694                                 | 880                                   | 138.3                                 | 236.3                                 | 13.9                                  | 38.5                                  | 3.3                                   | 5.0                                   | 0.3                                   | 1.4                                   | 0.1                                   | 72.6                                 | 5.49      | 56.3      | 0.3      |
| KGKDD011 | 62.14     | 62.96   | 23155                                 | 2239                    | 3631                                  | 10172                                 | 634                                   | 98.8                                  | 172.3                                 | 10.1                                  | 27.0                                  | 2.4                                   | 3.7                                   | 0.3                                   | 1.5                                   | 0.1                                   | 50.7                                 | 4.02      | 32.7      | -0.1     |
| KGKDD011 | 62.96     | 63.78   | 12292                                 | 22554                   | 2141                                  | 6199                                  | 437                                   | 72.8                                  | 126.7                                 | 8.4                                   | 21.1                                  | 2.0                                   | 3.0                                   | 0.2                                   | 0.6                                   | 0.1                                   | 41.4                                 | 4.39      | 49.0      | 0.7      |
| KGKDD011 | 63.78     | 64.62   | 13336                                 | 23592                   | 2262                                  | 6678                                  | 508                                   | 88.1                                  | 156.7                                 | 10.1                                  | 23.2                                  | 2.1                                   | 3.1                                   | 0.2                                   | 0.7                                   | -0.1                                  | 45.3                                 | 4.67      | 78.5      | 0.9      |
| KGKDD011 | 64.62     | 65.06   | 5110                                  | 10910                   | 1144                                  | 3507                                  | 283                                   | 46.6                                  | 81.4                                  | 4.9                                   | 13.4                                  | 1.3                                   | 1.9                                   | 0.2                                   | 0.6                                   | -0.1                                  | 27.9                                 | 2.11      | 35.1      | 0.9      |
| KGKDD011 | 65.06     | 66.15   | 1658                                  | 3622                    | 385                                   | 1240                                  | 108                                   | 19.0                                  | 35.2                                  | 2.6                                   | 7.8                                   | 0.9                                   | 1.7                                   | 0.2                                   | 1.1                                   | 0.2                                   | 22.2                                 | 0.71      | 15.5      | 0.2      |
| KGKDD011 | 66.15     | 66.80   | 720                                   | 1589                    | 171                                   | 558                                   | 53                                    | 9.5                                   | 17.1                                  | 1.5                                   | 4.1                                   | 0.6                                   | 1.1                                   | 0.2                                   | 0.8                                   | -0.1                                  | 14.9                                 | 0.31      | 8.1       | 0.1      |
| KGKDD011 | 66.80     | 67.70   | 4734                                  | 9299                    | 950                                   | 2969                                  | 274                                   | 49.0                                  | 87.4                                  | 6.5                                   | 15.0                                  | 1.7                                   | 2.7                                   | 0.2                                   | 1.3                                   | 0.1                                   | 35.4                                 | 1.84      | 42.4      | 2.1      |
| KGKDD011 | 67.70     | 68.61   | 1281                                  | 2781                    | 290                                   | 935                                   | 86                                    | 14.6                                  | 27.9                                  | 2.4                                   | 7.4                                   | 1.0                                   | 1.6                                   | 0.2                                   | 1.2                                   | 0.2                                   | 26.2                                 | 0.55      | 12.7      | 0.1      |
| KGKDD011 | 68.61     | 69.03   | 1137                                  | 2543                    | 278                                   | 944                                   | 95                                    | 17.1                                  | 31.8                                  | 2.5                                   | 9.1                                   | 1.0                                   | 1.8                                   | 0.2                                   | 1.7                                   | 0.2                                   | 26.0                                 | 0.51      | 18.4      | 0.7      |
| KGKDD011 | 69.03     | 70.03   | 6509                                  | 12510                   | 1225                                  | 3583                                  | 254                                   | 40.8                                  | 76.1                                  | 5.3                                   | 15.7                                  | 1.7                                   | 2.9                                   | 0.2                                   | 2.0                                   | 0.3                                   | 40.0                                 | 2.43      | 39.0      | 1.8      |
| KGKDD011 | 70.03     | 70.42   | 4376                                  | 8507                    | 841                                   | 2530                                  | 211                                   | 38.2                                  | 70.8                                  | 5.5                                   | 16.6                                  | 2.1                                   | 3.0                                   | 0.3                                   | 1.5                                   | 0.2                                   | 46.2                                 | 1.67      | 42.6      | 1.8      |
| KGKDD011 | 70.42     | 71.00   | 12607                                 | 25830                   | 2647                                  | 8319                                  | 667                                   | 106.2                                 | 190.3                                 | 11.5                                  | 24.3                                  | 2.2                                   | 3.0                                   | 0.2                                   | 1.2                                   | 0.1                                   | 44.8                                 | 5.05      | 107.2     | 0.6      |
| KGKDD011 | 71.00     | 71.47   | 9105                                  | 17357                   | 1715                                  | 5096                                  | 390                                   | 65.3                                  | 115.9                                 | 7.2                                   | 17.2                                  | 2.0                                   | 2.5                                   | 0.2                                   | 0.9                                   | 0.1                                   | 35.3                                 | 3.39      | 51.4      | 0.4      |
| KGKDD011 | 71.47     | 72.47   | 10437                                 | 20226                   | 2025                                  | 6130                                  | 456                                   | 74.6                                  | 126.2                                 | 8.4                                   | 19.9                                  | 2.0                                   | 2.4                                   | 0.2                                   | 1.1                                   | 0.1                                   | 39.5                                 | 3.95      | 53.2      | 0.3      |
| KGKDD011 | 72.47     | 73.40   | 8839                                  | 17348                   | 1718                                  | 5136                                  | 381                                   | 63.5                                  | 108.9                                 | 7.4                                   | 19.1                                  | 1.5                                   | 2.6                                   | 0.1                                   | 0.9                                   | 0.1                                   | 36.2                                 | 3.37      | 48.5      | 0.4      |
| KGKDD011 | 73.40     | 74.05   | 5930                                  | 11929                   | 1197                                  | 3631                                  | 286                                   | 47.8                                  | 87.7                                  | 6.2                                   | 15.5                                  | 1.6                                   | 2.7                                   | 0.2                                   | 1.2                                   | 0.2                                   | 37.3                                 | 2.32      | 44.4      | 0.2      |
| KGKDD011 | 74.05     | 74.53   | 5742                                  | 10936                   | 1055                                  | 3080                                  | 218                                   | 36.0                                  | 61.5                                  | 4.1                                   | 10.0                                  | 1.2                                   | 1.8                                   | 0.2                                   | 0.8                                   | 0.1                                   | 24.5                                 | 2.12      | 24.4      | 0.3      |
| KGKDD011 | 74.53     | 75.00   | 17027                                 | 32683                   | 3369                                  | 10278                                 | 733                                   | 116.3                                 | 196.4                                 | 11.9                                  | 27.2                                  | 2.6                                   | 3.4                                   | 0.3                                   | 1.3                                   | 0.2                                   | 51.6                                 | 6.45      | 94.3      | 0.8      |
| KGKDD012 | 0.00      | 1.96    | NS                                    | NS                      | NS                                    | NS                                    | NS                                    | NS                                    | NS                                    | NS                                    | NS                                    | NS                                    | NS                                    | NS                                    | NS                                    | NS                                    | NS                                   | NS        | NS        | NS       |
| KGKDD012 | 1.96      | 2.84    | 989                                   | 2402                    | 274                                   | 902                                   | 80                                    | 13.4                                  | 24.3                                  | 1.7                                   | 5.3                                   | 0.5                                   | 1.0                                   | 0.1                                   | 0.6                                   | -0.1                                  | 13.3                                 | 0.47      | 10.8      | 0.2      |
| KGKDD012 | 2.84      | 3.80    | 2223                                  | 5217                    | 576                                   | 1890                                  | 165                                   | 26.5                                  | 47.9                                  | 2.9                                   | 9.0                                   | 1.0                                   | 2.1                                   | 0.2                                   | 1.3                                   | 0.2                                   | 22.6                                 | 1.02      | 23.9      | 0.1      |
| KGKDD012 | 3.80      | 4.65    | 493                                   | 1189                    | 133                                   | 431                                   | 43                                    | 7.5                                   | 15.4                                  | 1.2                                   | 5.3                                   | 0.7                                   | 1.7                                   | 0.2                                   | 1.6                                   | 0.2                                   | 19.9                                 | 0.23      | 7.4       | 0.1      |
| KGKDD012 | 4.65      | 5.69    | 1250                                  | 2698                    | 292                                   | 914                                   | 79                                    | 13.0                                  | 23.0                                  | 1.7                                   | 5.4                                   | 0.5                                   | 1.1                                   | 0.1                                   | 0.7                                   | 0.1                                   | 14.7                                 | 0.53      | 10.9      | 0.2      |
| KGKDD012 | 5.69      | 6.28    | 3997                                  | 8973                    | 986                                   | 3151                                  | 263                                   | 42.2                                  | 67.8                                  | 3.9                                   | 9.6                                   | 1.0                                   | 1.6                                   | 0.2                                   | 1.3                                   | 0.1                                   | 22.2                                 | 1.75      | 31.9      | 0.1      |
| KGKDD012 | 6.28      | 6.84    | 4703                                  | 9465                    | 967                                   | 3035                                  | 254                                   | 42.2                                  | 73.5                                  | 4.8                                   | 10.9                                  | 1.3                                   | 1.9                                   | 0.1                                   | 1.0                                   | 0.1                                   | 27.3                                 | 1.86      | 41.0      | 0.2      |
| KGKDD012 | 6.84      | 7.91    | 8120                                  | 17314                   | 1874                                  | 6099                                  | 504                                   | 79.9                                  | 128.6                                 | 7.8                                   | 17.2                                  | 1.7                                   | 2.3                                   | 0.2                                   | 1.2                                   | 0.1                                   | 34.7                                 | 3.42      | 54.5      | 0.2      |
| KGKDD012 | 7.91      | 9.28    | 3494                                  | 7098                    | 726                                   | 2279                                  | 201                                   | 32.3                                  | 56.8                                  | 3.9                                   | 10.4                                  | 1.2                                   | 1.9                                   | 0.1                                   | 1.1                                   | 0.1                                   | 25.0                                 | 1.39      | 26.3      | 0.2      |
| KGKDD012 | 9.28      | 10.20   | 841                                   | 1976                    | 219                                   | 738                                   | 73                                    | 12.9                                  | 24.6                                  | 1.8                                   | 6.7                                   | 0.8                                   | 1.5                                   | 0.2                                   | 1.0                                   | -0.1                                  | 21.1                                 | 0.39      | 11.6      | 0.1      |
| KGKDD012 | 10.20     | 10.80   | 1178                                  | 2749                    | 302                                   | 997                                   | 89                                    | 15.8                                  | 27.8                                  | 2.2                                   | 5.9                                   | 0.7                                   | 1.4                                   | 0.1                                   | 0.6                                   | 0.1                                   | 17.7                                 | 0.54      | 13.6      | 0.2      |
| KGKDD012 | 10.80     | 11.68   | 1252                                  | 2859                    | 316                                   | 1039                                  | 97                                    | 15.8                                  | 26.2                                  | 2.0                                   | 6.8                                   | 0.7                                   | 1.0                                   | 0.2                                   | 0.7                                   | -0.1                                  | 14.6                                 | 0.56      | 13.7      | 0.1      |
| KGKDD012 | 11.68     | 12.34   | 5288                                  | 12021                   | 1314                                  | 4238                                  | 349                                   | 55.5                                  | 95.0                                  | 5.2                                   | 13.0                                  | 1.4                                   | 2.4                                   | 0.3                                   | 1.5                                   | 0.2                                   | 31.2                                 | 2.34      | 48.2      | 0.3      |
| KGKDD012 | 12.34     | 12.90   | 12103                                 | 26995                   | 2923                                  | 9412                                  | 739                                   | 111.3                                 | 174.5                                 | 10.2                                  | 20.9                                  | 1.7                                   | 2.9                                   | 0.3                                   | 0.9                                   | 0.2                                   | 38.1                                 | 5.25      | 82.5      | 0.2      |
| KGKDD012 | 12.90     | 13.30   | 3810                                  | 8519                    | 934                                   | 2986                                  | 244                                   | 39.6                                  | 65.9                                  | 4.0                                   | 10.2                                  | 0.9                                   | 1.7                                   | 0.2                                   | 0.8                                   | -0.1                                  | 20.8                                 | 1.66      | 28.4      | 0.2      |
| KGKDD012 | 13.30     | 13.52   | 5390                                  | 11141                   | 1147                                  | 3481                                  | 283                                   | 45.3                                  | 78.5                                  | 5.1                                   | 11.9                                  | 1.2                                   | 2.2                                   | 0.2                                   | 1.7                                   | 0.1                                   | 27.2                                 | 2.16      | 38.2      | 0.2      |
| KGKDD012 | 13.52     | 14.90   | 5191                                  | 11135                   | 1175                                  | 3725                                  | 306                                   | 50.4                                  | 78.1                                  | 5.1                                   | 13.0                                  | 1.0                                   | 2.1                                   | 0.2                                   | 0.6                                   | 0.1                                   | 23.8                                 | 2.17      | 39.3      | 0.2      |
| KGKDD012 | 14.90     | 15.33   | 11053                                 | 20503                   | 1965                                  | 5964                                  | 446                                   | 72.5                                  | 119.4                                 | 7.7                                   | 17.1                                  | 1.5                                   | 2.2                                   | 0.1                                   | 1.1                                   | 0.1                                   | 31.4                                 | 4.02      | 56.9      | 0.3      |
| KGKDD012 | 15.33     | 15.71   | 12221                                 | 24814                   | 2587                                  | 8006                                  | 633                                   | 99.8                                  | 149.5                                 | 10.4                                  | 22.8                                  | 2.1                                   | 3.0                                   | 0.2                                   | 2.0                                   | 0.2                                   | 42.7                                 | 4.86      | 74.2      | 0.3      |
| KGKDD012 | 15.71     | 16.27   | 12253                                 | 23780                   | 2366                                  | 7376                                  | 573                                   | 89.9                                  | 137.4                                 | 8.8                                   | 18.9                                  | 1.7                                   | 2.2                                   | 0.2                                   | 1.3                                   | 0.1                                   | 34.5                                 | 4.66      | 60.0      | 0.2      |
| KGKDD012 | 16.27     | 16.54   | 20065                                 | 35480                   | 3281                                  | 9550                                  | 679                                   | 107.7                                 | 172.1                                 | 11.1                                  | 25.9                                  | 2.4                                   | 3.2                                   | 0.3                                   | 1.1                                   | 0.1                                   | 45.8                                 | 6.94      | 78.9      | 0.2      |
| KGKDD012 | 16.54     | 17.54   | 13875                                 | 23681                   | 2146                                  | 6167                                  | 447                                   | 74.0                                  | 129.6                                 | 9.4                                   | 24.2                                  | 2.8                                   | 3.3                                   | 0.2                                   | 1.5                                   | 0.2                                   | 49.4                                 | 4.66      | 66.3      | 0.4      |
| KGKDD012 | 17.54     | 18.20   | 15488                                 | 27574                   | 2580                                  | 7567                                  | 540                                   | 90.1                                  | 158.2                                 | 10.2                                  | 22.8                                  | 2.3                                   | 3.2                                   | 0.3                                   | 1.4                                   | 0.1                                   | 49.2                                 | 5.41      | 77.0      | 0.5      |
| KGKDD012 | 18.20     | 19.19   | 17729                                 | 33058                   | 3156                                  | 9642                                  | 709                                   | 114.1                                 | 197.4                                 | 12.1                                  | 28.2                                  | 2.9                                   | 4.0                                   | 0.3                                   | 1.2                                   | 0.2                                   | 55.1                                 | 6.47      | 88.9      | 0.6      |
| KGKDD012 | 19.19     | 20.20   | 14425                                 | 25247                   | 2311                                  | 6657                                  | 472                                   | 78.4                                  | 127.8                                 | 8.9                                   | 20.4                                  | 2.0                                   | 2.7                                   | 0.2                                   | 0.5                                   | -0.1                                  | 35.7                                 | 4.94      | 55.6      | 0.4      |

| Hole ID  | From<br>m | To<br>m | La <sub>2</sub> O <sub>3</sub><br>ppm | CeO <sub>2</sub><br>ppm | Pr <sub>2</sub> O <sub>3</sub><br>ppm | Nd <sub>2</sub> O <sub>3</sub><br>ppm | Sm <sub>2</sub> O <sub>3</sub><br>ppm | Eu <sub>2</sub> O <sub>3</sub><br>ppm | Gd <sub>2</sub> O <sub>3</sub><br>ppm | Tb <sub>2</sub> O <sub>3</sub><br>ppm | Dy <sub>2</sub> O <sub>3</sub><br>ppm | Ho <sub>2</sub> O <sub>3</sub><br>ppm | Er <sub>2</sub> O <sub>3</sub><br>ppm | Tm <sub>2</sub> O <sub>3</sub><br>ppm | Yb <sub>2</sub> O <sub>3</sub><br>ppm | Lu <sub>2</sub> O <sub>3</sub><br>ppm | Y <sub>2</sub> O <sub>3</sub><br>ppm | TREO<br>% | Th<br>ppm | U<br>ppm |
|----------|-----------|---------|---------------------------------------|-------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|--------------------------------------|-----------|-----------|----------|
| KGKDD012 | 20.20     | 20.55   | 20310                                 | 34665                   | 3117                                  | 8661                                  | 585                                   | 96.6                                  | 154.9                                 | 10.9                                  | 24.5                                  | 2.4                                   | 3.4                                   | 0.3                                   | 1.2                                   | 0.1                                   | 48.0                                 | 6.77      | 62.0      | 0.7      |
| KGKDD012 | 20.55     | 21.43   | 16799                                 | 27672                   | 2484                                  | 6790                                  | 440                                   | 71.7                                  | 116.7                                 | 8.7                                   | 21.0                                  | 2.0                                   | 3.1                                   | 0.3                                   | 1.4                                   | 0.1                                   | 45.0                                 | 5.45      | 56.0      | 0.4      |
| KGKDD012 | 21.43     | 21.83   | 15064                                 | 26842                   | 2573                                  | 7729                                  | 557                                   | 89.6                                  | 164.1                                 | 10.4                                  | 24.8                                  | 2.4                                   | 3.7                                   | 0.2                                   | 1.7                                   | 0.1                                   | 48.5                                 | 5.31      | 76.6      | 0.5      |
| KGKDD012 | 21.83     | 22.40   | 8904                                  | 17662                   | 1760                                  | 5294                                  | 403                                   | 64.5                                  | 112.6                                 | 6.9                                   | 17.3                                  | 1.8                                   | 3.5                                   | 0.3                                   | 1.4                                   | 0.2                                   | 43.6                                 | 3.43      | 61.7      | 0.5      |
| KGKDD012 | 22.40     | 22.92   | 8793                                  | 16487                   | 1595                                  | 4693                                  | 363                                   | 60.1                                  | 111.0                                 | 6.8                                   | 16.8                                  | 1.7                                   | 2.4                                   | 0.3                                   | 0.7                                   | -0.1                                  | 35.1                                 | 3.22      | 60.3      | 0.6      |
| KGKDD012 | 22.92     | 23.76   | 8922                                  | 15560                   | 1448                                  | 4039                                  | 298                                   | 50.6                                  | 84.6                                  | 6.1                                   | 15.4                                  | 1.5                                   | 2.2                                   | 0.2                                   | 1.2                                   | -0.1                                  | 32.3                                 | 3.05      | 39.2      | 0.3      |
| KGKDD012 | 23.76     | 24.76   | 15010                                 | 25945                   | 2381                                  | 6756                                  | 452                                   | 74.0                                  | 124.6                                 | 8.5                                   | 20.9                                  | 1.8                                   | 2.6                                   | 0.2                                   | 0.7                                   | -0.1                                  | 39.5                                 | 5.08      | 60.5      | 0.4      |
| KGKDD012 | 24.76     | 25.60   | 14025                                 | 23537                   | 2098                                  | 5887                                  | 411                                   | 68.4                                  | 107.9                                 | 7.4                                   | 19.6                                  | 2.0                                   | 2.9                                   | 0.2                                   | 1.6                                   | 0.1                                   | 40.3                                 | 4.62      | 50.1      | 0.4      |
| KGKDD012 | 25.60     | 25.80   | 4376                                  | 7884                    | 750                                   | 2229                                  | 178                                   | 29.5                                  | 51.8                                  | 3.2                                   | 7.2                                   | 0.7                                   | 0.9                                   | 0.2                                   | 1.2                                   | -0.1                                  | 18.5                                 | 1.55      | 26.1      | 0.2      |
| KGKDD012 | 25.80     | 26.00   | 10606                                 | 18648                   | 1741                                  | 4954                                  | 363                                   | 60.9                                  | 94.8                                  | 6.6                                   | 16.8                                  | 1.6                                   | 2.6                                   | 0.3                                   | 1.3                                   | 0.1                                   | 31.4                                 | 3.65      | 41.8      | 0.3      |
| KGKDD012 | 26.00     | 26.65   | 2249                                  | 4527                    | 467                                   | 1476                                  | 127                                   | 22.4                                  | 37.0                                  | 2.7                                   | 6.7                                   | 0.8                                   | 1.3                                   | 0.1                                   | 0.6                                   | -0.1                                  | 15.5                                 | 0.89      | 18.3      | 0.1      |
| KGKDD012 | 26.65     | 26.92   | 17405                                 | 30896                   | 3030                                  | 9144                                  | 701                                   | 117.8                                 | 193.1                                 | 12.5                                  | 29.8                                  | 2.9                                   | 3.8                                   | 0.3                                   | 1.6                                   | 0.1                                   | 60.1                                 | 6.16      | 95.5      | 0.1      |
| KGKDD012 | 26.92     | 28.00   | 10405                                 | 19557                   | 1929                                  | 5804                                  | 460                                   | 74.5                                  | 121.4                                 | 8.4                                   | 20.3                                  | 1.7                                   | 2.5                                   | 0.1                                   | 1.0                                   | 0.1                                   | 37.1                                 | 3.84      | 55.5      | 0.2      |
| KGKDD012 | 28.00     | 28.45   | 11333                                 | 19835                   | 1896                                  | 5450                                  | 421                                   | 69.6                                  | 117.6                                 | 8.1                                   | 19.9                                  | 1.7                                   | 2.3                                   | 0.3                                   | 1.1                                   | 0.1                                   | 35.9                                 | 3.92      | 52.5      | 0.2      |
| KGKDD012 | 28.45     | 29.28   | 6105                                  | 10887                   | 1041                                  | 3013                                  | 240                                   | 39.5                                  | 66.6                                  | 4.5                                   | 10.9                                  | 1.0                                   | 1.9                                   | 0.1                                   | 0.7                                   | -0.1                                  | 23.1                                 | 2.14      | 29.4      | 0.2      |
| KGKDD012 | 29.28     | 29.91   | 2640                                  | 5514                    | 577                                   | 1836                                  | 176                                   | 29.3                                  | 48.6                                  | 3.9                                   | 10.8                                  | 1.0                                   | 1.6                                   | 0.1                                   | 0.8                                   | 0.1                                   | 23.6                                 | 1.09      | 30.5      | 0.2      |
| KGKDD012 | 29.91     | 31.00   | 2712                                  | 5423                    | 563                                   | 1741                                  | 147                                   | 26.4                                  | 42.5                                  | 2.8                                   | 7.8                                   | 0.8                                   | 1.4                                   | -0.1                                  | 1.1                                   | -0.1                                  | 18.9                                 | 1.07      | 21.1      | 0.1      |
| KGKDD012 | 31.00     | 32.00   | 6832                                  | 12157                   | 1126                                  | 3162                                  | 228                                   | 38.3                                  | 65.2                                  | 4.7                                   | 12.2                                  | 1.3                                   | 2.1                                   | 0.2                                   | 1.0                                   | 0.1                                   | 27.9                                 | 2.37      | 33.8      | 1.0      |
| KGKDD012 | 32.00     | 32.64   | 5989                                  | 10578                   | 997                                   | 2902                                  | 219                                   | 36.4                                  | 61.4                                  | 4.1                                   | 10.9                                  | 1.2                                   | 1.4                                   | 0.1                                   | 1.0                                   | -0.1                                  | 24.1                                 | 2.08      | 27.7      | 0.4      |
| KGKDD012 | 32.64     | 33.64   | 14051                                 | 25363                   | 2414                                  | 7163                                  | 540                                   | 88.8                                  | 147.7                                 | 9.8                                   | 24.7                                  | 2.5                                   | 3.7                                   | 0.3                                   | 1.8                                   | 0.2                                   | 52.1                                 | 4.99      | 75.7      | 0.5      |
| KGKDD012 | 33.64     | 34.40   | 8469                                  | 14911                   | 1413                                  | 4069                                  | 305                                   | 49.6                                  | 94.5                                  | 6.1                                   | 17.0                                  | 2.1                                   | 3.2                                   | 0.3                                   | 1.8                                   | 0.2                                   | 44.6                                 | 2.94      | 53.2      | 1.0      |
| KGKDD012 | 34.40     | 35.00   | 13219                                 | 23059                   | 2160                                  | 6249                                  | 474                                   | 78.2                                  | 134.9                                 | 9.5                                   | 25.0                                  | 2.5                                   | 3.9                                   | 0.2                                   | 1.9                                   | 0.2                                   | 53.5                                 | 4.55      | 64.2      | 0.5      |
| KGKDD012 | 35.00     | 36.00   | 6819                                  | 11838                   | 1117                                  | 3151                                  | 246                                   | 42.2                                  | 74.1                                  | 5.7                                   | 15.6                                  | 1.5                                   | 2.1                                   | 0.2                                   | 0.6                                   | -0.1                                  | 32.3                                 | 2.33      | 35.7      | 0.4      |
| KGKDD012 | 36.00     | 36.53   | 14067                                 | 23965                   | 2176                                  | 6231                                  | 416                                   | 67.0                                  | 107.3                                 | 7.2                                   | 18.4                                  | 1.6                                   | 2.4                                   | 0.3                                   | 1.1                                   | 0.1                                   | 38.6                                 | 4.71      | 46.0      | 0.4      |
| KGKDD012 | 36.53     | 37.53   | 14166                                 | 23607                   | 2129                                  | 5897                                  | 410                                   | 66.6                                  | 110.3                                 | 7.5                                   | 18.9                                  | 1.8                                   | 2.6                                   | 0.2                                   | 1.1                                   | 0.1                                   | 35.3                                 | 4.65      | 46.1      | 0.5      |
| KGKDD012 | 37.53     | 38.53   | 15005                                 | 25421                   | 2302                                  | 6504                                  | 451                                   | 73.9                                  | 127.9                                 | 9.3                                   | 22.4                                  | 2.2                                   | 3.1                                   | 0.2                                   | 1.4                                   | 0.1                                   | 44.7                                 | 5.00      | 51.9      | 0.6      |
| KGKDD012 | 38.53     | 39.11   | 19907                                 | 33399                   | 3015                                  | 8609                                  | 609                                   | 98.8                                  | 169.7                                 | 11.8                                  | 29.3                                  | 2.8                                   | 3.5                                   | 0.2                                   | 1.6                                   | 0.1                                   | 54.4                                 | 6.59      | 73.1      | 0.6      |
| KGKDD012 | 39.11     | 40.11   | 16307                                 | 27395                   | 2456                                  | 6977                                  | 479                                   | 80.1                                  | 139.2                                 | 9.9                                   | 24.1                                  | 2.3                                   | 3.2                                   | 0.2                                   | 1.2                                   | 0.2                                   | 48.1                                 | 5.39      | 61.7      | 0.5      |
| KGKDD012 | 40.11     | 41.00   | 19466                                 | 32655                   | 2985                                  | 8388                                  | 584                                   | 97.5                                  | 165.3                                 | 11.9                                  | 29.3                                  | 2.8                                   | 4.2                                   | 0.5                                   | 1.9                                   | 0.2                                   | 60.5                                 | 6.45      | 92.0      | 0.9      |
| KGKDD012 | 41.00     | 41.70   | 19456                                 | 31758                   | 2791                                  | 7674                                  | 478                                   | 81.2                                  | 131.2                                 | 9.9                                   | 23.8                                  | 2.3                                   | 3.4                                   | 0.2                                   | 1.0                                   | 0.2                                   | 49.5                                 | 6.25      | 55.4      | 0.9      |
| KGKDD012 | 41.70     | 42.05   | 13189                                 | 25001                   | 2409                                  | 7107                                  | 489                                   | 78.5                                  | 132.7                                 | 10.2                                  | 23.6                                  | 2.2                                   | 3.8                                   | 0.5                                   | 1.2                                   | 0.2                                   | 49.9                                 | 4.85      | 85.2      | 0.8      |
| KGKDD012 | 42.05     | 42.51   | 23373                                 | 38236                   | 3445                                  | 9603                                  | 638                                   | 104.7                                 | 167.2                                 | 11.5                                  | 26.7                                  | 2.4                                   | 3.3                                   | 0.2                                   | 1.4                                   | 0.1                                   | 49.7                                 | 7.57      | 69.1      | 0.7      |
| KGKDD012 | 42.51     | 42.96   | 19817                                 | 35613                   | 3425                                  | 10212                                 | 732                                   | 118.8                                 | 192.0                                 | 12.7                                  | 30.2                                  | 2.6                                   | 3.5                                   | 0.3                                   | 1.5                                   | 0.1                                   | 53.2                                 | 7.02      | 108.5     | 0.9      |
| KGKDD012 | 42.96     | 43.39   | 2395                                  | 4897                    | 508                                   | 1574                                  | 135                                   | 23.0                                  | 38.1                                  | 2.7                                   | 8.3                                   | 1.2                                   | 1.7                                   | 0.2                                   | 1.3                                   | 0.1                                   | 24.3                                 | 0.96      | 18.4      | 0.7      |
| KGKDD012 | 43.39     | 43.89   | 2571                                  | 4993                    | 500                                   | 1541                                  | 134                                   | 24.2                                  | 46.5                                  | 3.7                                   | 13.1                                  | 1.5                                   | 3.1                                   | 0.5                                   | 1.7                                   | 0.2                                   | 37.5                                 | 0.99      | 16.8      | 0.8      |
| KGKDD012 | 43.89     | 44.16   | 12924                                 | 22981                   | 2152                                  | 6251                                  | 464                                   | 75.8                                  | 131.8                                 | 9.3                                   | 23.2                                  | 2.4                                   | 3.1                                   | 0.3                                   | 1.1                                   | 0.1                                   | 46.2                                 | 4.51      | 62.3      | 0.9      |
| KGKDD012 | 44.16     | 44.63   | 14180                                 | 26886                   | 2655                                  | 7966                                  | 589                                   | 93.3                                  | 148.9                                 | 9.4                                   | 22.8                                  | 2.1                                   | 3.2                                   | 0.3                                   | 1.4                                   | 0.1                                   | 42.7                                 | 5.26      | 82.8      | 0.6      |
| KGKDD012 | 44.63     | 45.45   | 9689                                  | 19671                   | 2035                                  | 6418                                  | 507                                   | 79.3                                  | 126.4                                 | 8.0                                   | 21.5                                  | 2.0                                   | 3.0                                   | 0.2                                   | 1.1                                   | 0.1                                   | 41.4                                 | 3.86      | 66.4      | 0.3      |
| KGKDD012 | 45.45     | 45.88   | 11778                                 | 20780                   | 1911                                  | 5496                                  | 394                                   | 65.8                                  | 106.5                                 | 6.9                                   | 17.2                                  | 1.6                                   | 2.6                                   | 0.3                                   | 1.0                                   | 0.1                                   | 33.9                                 | 4.06      | 55.9      | 0.6      |
| KGKDD012 | 45.88     | 46.15   | 15702                                 | 26011                   | 2293                                  | 6460                                  | 428                                   | 69.9                                  | 109.1                                 | 7.8                                   | 16.2                                  | 1.4                                   | 2.2                                   | 0.2                                   | 1.0                                   | -0.1                                  | 30.0                                 | 5.11      | 48.2      | 0.3      |
| KGKDD012 | 46.15     | 46.49   | 2964                                  | 5769                    | 571                                   | 1770                                  | 158                                   | 27.1                                  | 46.6                                  | 3.4                                   | 9.9                                   | 1.0                                   | 1.7                                   | 0.1                                   | 1.1                                   | -0.1                                  | 22.2                                 | 1.13      | 21.7      | 0.2      |
| KGKDD012 | 46.49     | 47.15   | 19125                                 | 30957                   | 2750                                  | 7589                                  | 489                                   | 80.6                                  | 133.4                                 | 9.3                                   | 21.5                                  | 2.2                                   | 3.2                                   | 0.2                                   | 1.5                                   | 0.1                                   | 44.8                                 | 6.12      | 53.8      | 0.4      |
| KGKDD012 | 47.15     | 47.51   | 23185                                 | 39135                   | 3636                                  | 10280                                 | 705                                   | 113.7                                 | 179.1                                 | 12.1                                  | 25.5                                  | 2.6                                   | 3.7                                   | 0.2                                   | 1.6                                   | -0.1                                  | 44.8                                 | 7.73      | 77.6      | 0.3      |
| KGKDD012 | 47.51     | 48.34   | 16531                                 | 27017                   | 2413                                  | 6746                                  | 437                                   | 68.7                                  | 114.6                                 | 8.2                                   | 18.5                                  | 2.0                                   | 2.3                                   | 0.2                                   | 0.7                                   | -0.1                                  | 34.2                                 | 5.34      | 43.0      | 0.4      |
| KGKDD012 | 48.34     | 48.72   | 9160                                  | 15517                   | 1435                                  | 4037                                  | 298                                   | 49.0                                  | 81.6                                  | 5.8                                   | 14.2                                  | 1.4                                   | 1.7                                   | 0.2                                   | 0.7                                   | -0.1                                  | 27.7                                 | 3.06      | 32.5      | 0.3      |

| Hole ID  | From<br>m | To<br>m | La <sub>2</sub> O <sub>3</sub><br>ppm | CeO <sub>2</sub><br>ppm | Pr <sub>2</sub> O <sub>3</sub><br>ppm | Nd <sub>2</sub> O <sub>3</sub><br>ppm | Sm <sub>2</sub> O <sub>3</sub><br>ppm | Eu <sub>2</sub> O <sub>3</sub><br>ppm | Gd <sub>2</sub> O <sub>3</sub><br>ppm | Tb <sub>2</sub> O <sub>3</sub><br>ppm | Dy <sub>2</sub> O <sub>3</sub><br>ppm | Ho <sub>2</sub> O <sub>3</sub><br>ppm | Er <sub>2</sub> O <sub>3</sub><br>ppm | Tm <sub>2</sub> O <sub>3</sub><br>ppm | Yb <sub>2</sub> O <sub>3</sub><br>ppm | Lu <sub>2</sub> O <sub>3</sub><br>ppm | Y <sub>2</sub> O <sub>3</sub><br>ppm | TREO<br>% | Th<br>ppm | U<br>ppm |
|----------|-----------|---------|---------------------------------------|-------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|--------------------------------------|-----------|-----------|----------|
| KGKDD012 | 48.72     | 49.72   | 17846                                 | 30229                   | 2778                                  | 8042                                  | 562                                   | 95.8                                  | 158.6                                 | 11.3                                  | 26.4                                  | 2.8                                   | 4.6                                   | 0.2                                   | 1.4                                   | 0.2                                   | 55.1                                 | 5.98      | 65.5      | 0.6      |
| KGKDD012 | 49.72     | 50.00   | 22187                                 | 36395                   | 3480                                  | 9953                                  | 712                                   | 116.1                                 | 198.3                                 | 13.9                                  | 33.1                                  | 3.0                                   | 4.4                                   | 0.2                                   | 1.0                                   | -0.1                                  | 59.3                                 | 7.32      | 86.6      | 0.5      |
| KGKDD012 | 50.00     | 50.77   | 9311                                  | 17775                   | 1748                                  | 5251                                  | 395                                   | 63.6                                  | 116.0                                 | 7.9                                   | 19.1                                  | 2.1                                   | 2.7                                   | 0.5                                   | 1.3                                   | 0.2                                   | 43.3                                 | 3.47      | 63.1      | 0.8      |
| KGKDD012 | 50.77     | 51.44   | 7639                                  | 13600                   | 1290                                  | 3764                                  | 274                                   | 43.9                                  | 80.7                                  | 4.9                                   | 11.5                                  | 1.2                                   | 1.8                                   | 0.2                                   | 0.8                                   | -0.1                                  | 24.5                                 | 2.67      | 33.5      | 0.3      |
| KGKDD012 | 51.44     | 51.76   | 10394                                 | 18717                   | 1784                                  | 5248                                  | 416                                   | 66.8                                  | 102.7                                 | 7.2                                   | 17.7                                  | 1.6                                   | 1.7                                   | 0.2                                   | 0.6                                   | -0.1                                  | 27.8                                 | 3.68      | 49.4      | 0.3      |
| KGKDD012 | 51.76     | 52.56   | 10670                                 | 18643                   | 1757                                  | 4974                                  | 365                                   | 58.6                                  | 95.4                                  | 6.4                                   | 15.4                                  | 1.6                                   | 2.1                                   | 0.2                                   | 1.1                                   | -0.1                                  | 29.3                                 | 3.66      | 40.7      | 0.2      |
| KGKDD012 | 52.56     | 53.07   | 14675                                 | 26506                   | 2541                                  | 7553                                  | 574                                   | 94.6                                  | 154.1                                 | 10.6                                  | 24.5                                  | 2.2                                   | 2.7                                   | 0.2                                   | 0.6                                   | 0.1                                   | 43.1                                 | 5.22      | 68.7      | 0.3      |
| KGKDD012 | 53.07     | 53.48   | 4688                                  | 8751                    | 852                                   | 2621                                  | 209                                   | 34.5                                  | 57.8                                  | 4.1                                   | 10.3                                  | 1.0                                   | 1.8                                   | 0.1                                   | 0.8                                   | -0.1                                  | 22.4                                 | 1.73      | 29.5      | -0.1     |
| KGKDD012 | 53.48     | 53.85   | 15283                                 | 25519                   | 2282                                  | 6523                                  | 457                                   | 77.7                                  | 135.4                                 | 9.8                                   | 24.2                                  | 2.6                                   | 3.5                                   | 0.2                                   | 1.2                                   | 0.1                                   | 48.3                                 | 5.04      | 60.4      | 0.5      |
| KGKDD012 | 53.85     | 54.82   | 10530                                 | 19486                   | 1887                                  | 5650                                  | 436                                   | 72.6                                  | 122.8                                 | 7.7                                   | 19.2                                  | 2.1                                   | 2.9                                   | 0.2                                   | 1.4                                   | 0.1                                   | 36.8                                 | 3.83      | 61.5      | 0.4      |
| KGKDD012 | 54.82     | 55.43   | 11119                                 | 20236                   | 1970                                  | 5848                                  | 462                                   | 74.8                                  | 126.9                                 | 7.5                                   | 17.9                                  | 1.7                                   | 2.3                                   | 0.2                                   | 0.5                                   | -0.1                                  | 32.8                                 | 3.99      | 57.2      | 0.8      |
| KGKDD012 | 55.43     | 56.00   | 7487                                  | 13753                   | 1345                                  | 3940                                  | 298                                   | 50.0                                  | 83.8                                  | 5.3                                   | 12.4                                  | 1.0                                   | 1.3                                   | 0.2                                   | 0.6                                   | -0.1                                  | 22.7                                 | 2.70      | 37.4      | 1.3      |
| KGKDD012 | 56.00     | 57.00   | 6508                                  | 11558                   | 1107                                  | 3285                                  | 271                                   | 47.4                                  | 81.7                                  | 5.2                                   | 15.0                                  | 1.2                                   | 2.3                                   | 0.2                                   | 0.6                                   | -0.1                                  | 27.2                                 | 2.29      | 37.7      | 1.5      |
| KGKDD012 | 57.00     | 58.00   | 6977                                  | 12390                   | 1188                                  | 3502                                  | 288                                   | 51.3                                  | 90.9                                  | 6.5                                   | 16.2                                  | 1.6                                   | 2.5                                   | 0.2                                   | 0.7                                   | -0.1                                  | 32.8                                 | 2.45      | 37.4      | 1.2      |
| KGKDD012 | 58.00     | 59.00   | 7831                                  | 13436                   | 1261                                  | 3679                                  | 283                                   | 47.0                                  | 87.7                                  | 5.3                                   | 12.9                                  | 1.0                                   | 1.5                                   | -0.1                                  | 0.3                                   | -0.1                                  | 24.5                                 | 2.67      | 40.0      | 1.3      |
| KGKDD012 | 59.00     | 59.37   | 7847                                  | 14048                   | 1365                                  | 4025                                  | 327                                   | 55.5                                  | 91.8                                  | 5.8                                   | 13.7                                  | 1.3                                   | 1.6                                   | 0.1                                   | 0.4                                   | -0.1                                  | 24.0                                 | 2.78      | 40.4      | 1.2      |
| KGKDD012 | 59.37     | 60.00   | 8328                                  | 15242                   | 1490                                  | 4437                                  | 349                                   | 59.3                                  | 96.9                                  | 6.2                                   | 15.0                                  | 1.2                                   | 1.8                                   | 0.2                                   | 0.3                                   | -0.1                                  | 26.5                                 | 3.01      | 43.0      | 1.5      |
| KGKDD012 | 60.00     | 60.67   | 3866                                  | 7965                    | 831                                   | 2628                                  | 215                                   | 34.0                                  | 56.7                                  | 3.9                                   | 9.9                                   | 1.0                                   | 1.6                                   | 0.2                                   | 1.0                                   | 0.1                                   | 21.1                                 | 1.56      | 33.3      | 1.8      |
| KGKDD012 | 60.67     | 61.25   | 2024                                  | 4092                    | 428                                   | 1386                                  | 132                                   | 26.4                                  | 51.8                                  | 4.8                                   | 18.8                                  | 2.4                                   | 5.5                                   | 0.6                                   | 3.7                                   | 0.3                                   | 64.0                                 | 0.82      | 41.3      | 4.6      |
| KGKDD012 | 61.25     | 62.28   | 10929                                 | 20458                   | 2024                                  | 6152                                  | 456                                   | 74.2                                  | 116.1                                 | 7.2                                   | 16.2                                  | 2.0                                   | 2.4                                   | 0.2                                   | 1.3                                   | 0.2                                   | 34.3                                 | 4.03      | 54.7      | 0.7      |
| KGKDD012 | 62.28     | 63.36   | 10550                                 | 17986                   | 1685                                  | 4829                                  | 378                                   | 67.6                                  | 121.3                                 | 9.4                                   | 21.8                                  | 2.2                                   | 2.9                                   | 0.2                                   | 1.6                                   | 0.1                                   | 43.9                                 | 3.57      | 51.7      | 1.1      |
| KGKDD012 | 63.36     | 64.20   | 10662                                 | 19152                   | 1846                                  | 5497                                  | 416                                   | 64.6                                  | 124.2                                 | 7.7                                   | 17.3                                  | 1.6                                   | 2.4                                   | 0.2                                   | 0.6                                   | -0.1                                  | 33.3                                 | 3.78      | 51.6      | 1.3      |
| KGKDD012 | 64.20     | 65.20   | 15224                                 | 28672                   | 2898                                  | 8912                                  | 653                                   | 106.3                                 | 172.8                                 | 10.8                                  | 24.3                                  | 2.5                                   | 2.9                                   | 0.1                                   | 1.2                                   | 0.1                                   | 43.7                                 | 5.67      | 72.5      | 1.2      |
| KGKDD012 | 65.20     | 65.82   | 12388                                 | 22998                   | 2272                                  | 6920                                  | 556                                   | 93.3                                  | 154.6                                 | 10.7                                  | 24.7                                  | 2.2                                   | 2.9                                   | 0.2                                   | 1.1                                   | -0.1                                  | 43.2                                 | 4.55      | 81.9      | 0.7      |
| KGKDD012 | 65.82     | 66.75   | 13628                                 | 24773                   | 2397                                  | 7255                                  | 556                                   | 90.4                                  | 154.3                                 | 10.0                                  | 22.2                                  | 2.0                                   | 2.6                                   | 0.2                                   | 0.6                                   | 0.1                                   | 37.8                                 | 4.89      | 71.1      | 1.0      |
| KGKDD012 | 66.75     | 67.35   | 6109                                  | 12061                   | 1199                                  | 3534                                  | 266                                   | 43.1                                  | 75.6                                  | 5.3                                   | 14.0                                  | 1.6                                   | 2.9                                   | 0.3                                   | 1.4                                   | 0.2                                   | 38.9                                 | 2.34      | 32.8      | 0.6      |
| KGKDD012 | 67.35     | 68.28   | 13005                                 | 26219                   | 2693                                  | 8356                                  | 593                                   | 91.6                                  | 162.0                                 | 9.4                                   | 22.0                                  | 2.1                                   | 3.0                                   | 0.3                                   | 1.1                                   | 0.2                                   | 38.7                                 | 5.12      | 71.7      | 0.6      |
| KGKDD012 | 68.28     | 70.00   | 10965                                 | 20486                   | 2016                                  | 6080                                  | 427                                   | 68.7                                  | 112.8                                 | 7.8                                   | 16.9                                  | 1.8                                   | 2.3                                   | 0.3                                   | 0.7                                   | 0.1                                   | 34.3                                 | 4.02      | 48.1      | 0.5      |
| KGKRC084 | 0.00      | 1.00    | 1847                                  | 3890                    | 412                                   | 1307                                  | 103                                   | 17.7                                  | 31.7                                  | 2.8                                   | 8.5                                   | 0.9                                   | 1.5                                   | 0.1                                   | 1.0                                   | 0.2                                   | 21.7                                 | 0.76      | 22.7      | 0.5      |
| KGKRC084 | 1.00      | 2.00    | 3745                                  | 7450                    | 762                                   | 2374                                  | 175                                   | 28.8                                  | 50.2                                  | 3.7                                   | 10.6                                  | 1.3                                   | 1.8                                   | 0.2                                   | 0.9                                   | 0.2                                   | 25.8                                 | 1.46      | 25.9      | 0.6      |
| KGKRC084 | 2.00      | 3.00    | 5762                                  | 11141                   | 1143                                  | 3500                                  | 261                                   | 42.0                                  | 67.9                                  | 5.4                                   | 13.9                                  | 1.8                                   | 3.0                                   | 0.3                                   | 1.5                                   | 0.2                                   | 38.0                                 | 2.20      | 32.7      | 1.5      |
| KGKRC084 | 3.00      | 4.00    | 3022                                  | 6311                    | 662                                   | 2088                                  | 145                                   | 23.5                                  | 39.6                                  | 3.1                                   | 7.7                                   | 1.0                                   | 1.8                                   | 0.2                                   | 1.1                                   | 0.2                                   | 21.0                                 | 1.23      | 16.6      | 0.5      |
| KGKRC084 | 4.00      | 5.00    | 5946                                  | 13479                   | 1470                                  | 4636                                  | 321                                   | 47.2                                  | 72.1                                  | 5.2                                   | 13.5                                  | 1.7                                   | 2.4                                   | 0.5                                   | 1.9                                   | 0.3                                   | 33.7                                 | 2.60      | 31.5      | 0.5      |
| KGKRC084 | 5.00      | 6.00    | 12363                                 | 22418                   | 2217                                  | 6512                                  | 417                                   | 64.0                                  | 105.8                                 | 7.4                                   | 17.7                                  | 2.0                                   | 2.7                                   | 0.2                                   | 1.3                                   | 0.2                                   | 36.5                                 | 4.42      | 47        | 0.9      |
| KGKRC084 | 6.00      | 7.00    | 9785                                  | 16442                   | 1474                                  | 4105                                  | 267                                   | 45.2                                  | 78.3                                  | 5.8                                   | 17.2                                  | 1.6                                   | 3.0                                   | 0.5                                   | 1.3                                   | 0.2                                   | 37.3                                 | 3.23      | 39.2      | 0.9      |
| KGKRC084 | 7.00      | 8.00    | 10487                                 | 18110                   | 1681                                  | 4733                                  | 314                                   | 50.7                                  | 82.3                                  | 6.1                                   | 16.4                                  | 1.6                                   | 3.4                                   | 0.3                                   | 1.5                                   | 0.2                                   | 35.7                                 | 3.55      | 37.6      | 1.4      |
| KGKRC084 | 8.00      | 9.00    | 8848                                  | 14988                   | 1377                                  | 3861                                  | 254                                   | 41.5                                  | 70.0                                  | 5.9                                   | 16.2                                  | 2.1                                   | 4.1                                   | 0.5                                   | 2.0                                   | 0.3                                   | 46.6                                 | 2.95      | 31.1      | 1.5      |
| KGKRC084 | 9.00      | 10.00   | 16023                                 | 28923                   | 2783                                  | 8229                                  | 530                                   | 81.8                                  | 132.5                                 | 10.4                                  | 23.2                                  | 2.4                                   | 3.5                                   | 0.3                                   | 1.7                                   | 0.2                                   | 48.5                                 | 5.68      | 61.5      | 1        |
| KGKRC084 | 10.00     | 11.00   | 22753                                 | 41438                   | 4139                                  | 12056                                 | 765                                   | 117.9                                 | 189.6                                 | 12.6                                  | 30.8                                  | 2.8                                   | 4.2                                   | 0.5                                   | 1.2                                   | 0.2                                   | 56.0                                 | 8.16      | 81.7      | 0.5      |
| KGKRC084 | 11.00     | 12.00   | 13348                                 | 22151                   | 2026                                  | 5577                                  | 353                                   | 54.1                                  | 93.4                                  | 6.7                                   | 15.3                                  | 1.5                                   | 2.4                                   | 0.3                                   | 0.9                                   | 0.1                                   | 30.1                                 | 4.37      | 44        | 0.6      |
| KGKRC084 | 12.00     | 13.00   | 18181                                 | 38181                   | 4097                                  | 12885                                 | 924                                   | 145.3                                 | 224.9                                 | 14.7                                  | 33.4                                  | 3.3                                   | 4.9                                   | 0.6                                   | 1.6                                   | 0.5                                   | 60.7                                 | 7.48      | 106.1     | 0.7      |
| KGKRC084 | 13.00     | 14.00   | 20468                                 | 45133                   | 4968                                  | 15869                                 | 1304                                  | 216.8                                 | 352.1                                 | 21.8                                  | 51.3                                  | 4.8                                   | 6.2                                   | 0.6                                   | 1.2                                   | 0.3                                   | 87.1                                 | 8.85      | 201.4     | 1        |
| KGKRC084 | 14.00     | 15.00   | 2291                                  | 4762                    | 502                                   | 1601                                  | 118                                   | 20.4                                  | 35.9                                  | 2.7                                   | 9.1                                   | 1.2                                   | 1.9                                   | 0.3                                   | 1.1                                   | 0.3                                   | 24.6                                 | 0.94      | 15.2      | 1        |
| KGKRC084 | 15.00     | 16.00   | 3335                                  | 6863                    | 713                                   | 2228                                  | 178                                   | 30.8                                  | 51.5                                  | 4.0                                   | 10.2                                  | 1.3                                   | 2.2                                   | 0.2                                   | 1.1                                   | 0.2                                   | 25.8                                 | 1.34      | 24.5      | 1.4      |
| KGKRC084 | 16.00     | 17.00   | 3359                                  | 6962                    | 718                                   | 2211                                  | 163                                   | 25.8                                  | 45.5                                  | 3.4                                   | 9.5                                   | 1.2                                   | 1.8                                   | 0.2                                   | 1.2                                   | 0.2                                   | 22.9                                 | 1.35      | 19        | 1.6      |

| Hole ID  | From<br>m | To<br>m | La <sub>2</sub> O <sub>3</sub><br>ppm | CeO <sub>2</sub><br>ppm | Pr <sub>2</sub> O <sub>3</sub><br>ppm | Nd <sub>2</sub> O <sub>3</sub><br>ppm | Sm <sub>2</sub> O <sub>3</sub><br>ppm | Eu <sub>2</sub> O <sub>3</sub><br>ppm | Gd <sub>2</sub> O <sub>3</sub><br>ppm | Tb <sub>2</sub> O <sub>3</sub><br>ppm | Dy <sub>2</sub> O <sub>3</sub><br>ppm | Ho <sub>2</sub> O <sub>3</sub><br>ppm | Er <sub>2</sub> O <sub>3</sub><br>ppm | Tm <sub>2</sub> O <sub>3</sub><br>ppm | Yb <sub>2</sub> O <sub>3</sub><br>ppm | Lu <sub>2</sub> O <sub>3</sub><br>ppm | Y <sub>2</sub> O <sub>3</sub><br>ppm | TREO<br>% | Th<br>ppm | U<br>ppm |
|----------|-----------|---------|---------------------------------------|-------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|--------------------------------------|-----------|-----------|----------|
| KGKRC084 | 17.00     | 18.00   | 2981                                  | 6344                    | 674                                   | 2198                                  | 185                                   | 30.7                                  | 55.9                                  | 3.8                                   | 9.9                                   | 1.2                                   | 1.9                                   | 0.2                                   | 1.1                                   | 0.2                                   | 19.9                                 | 1.25      | 27.1      | 3.4      |
| KGKRC084 | 18.00     | 19.00   | 4647                                  | 10114                   | 1090                                  | 3477                                  | 288                                   | 49.4                                  | 85.2                                  | 6.0                                   | 13.1                                  | 1.7                                   | 2.5                                   | 0.3                                   | 0.7                                   | 0.3                                   | 26.7                                 | 1.98      | 42.6      | 1.9      |
| KGKRC084 | 19.00     | 20.00   | 7383                                  | 15864                   | 1725                                  | 5460                                  | 452                                   | 76.5                                  | 122.6                                 | 8.2                                   | 19.1                                  | 1.8                                   | 2.6                                   | 0.2                                   | 0.9                                   | 0.2                                   | 34.9                                 | 3.12      | 77.1      | 1.1      |
| KGKRC084 | 20.00     | 21.00   | 7063                                  | 15168                   | 1627                                  | 5199                                  | 393                                   | 64.2                                  | 107.4                                 | 7.1                                   | 17.9                                  | 2.1                                   | 3.1                                   | 0.5                                   | 1.6                                   | 0.2                                   | 38.9                                 | 2.97      | 66.2      | 1.2      |
| KGKRC084 | 21.00     | 22.00   | 7902                                  | 16753                   | 1780                                  | 5478                                  | 352                                   | 53.0                                  | 85.6                                  | 6.0                                   | 15.4                                  | 1.7                                   | 3.0                                   | 0.5                                   | 1.5                                   | 0.3                                   | 35.7                                 | 3.25      | 30.7      | 0.8      |
| KGKRC084 | 22.00     | 23.00   | 3648                                  | 7481                    | 773                                   | 2446                                  | 169                                   | 28.5                                  | 47.7                                  | 3.9                                   | 10.7                                  | 1.4                                   | 1.9                                   | 0.3                                   | 1.2                                   | 0.2                                   | 27.3                                 | 1.46      | 22.3      | 2        |
| KGKRC084 | 23.00     | 24.00   | 2699                                  | 5427                    | 547                                   | 1706                                  | 126                                   | 21.8                                  | 39.2                                  | 3.1                                   | 10.2                                  | 1.3                                   | 2.2                                   | 0.3                                   | 1.7                                   | 0.2                                   | 26.9                                 | 1.06      | 18.6      | 1.7      |
| KGKRC084 | 24.00     | 25.00   | 2031                                  | 4186                    | 441                                   | 1372                                  | 99                                    | 18.6                                  | 32.0                                  | 2.9                                   | 9.3                                   | 0.9                                   | 2.6                                   | 0.3                                   | 1.6                                   | 0.2                                   | 26.8                                 | 0.82      | 15.4      | 1.4      |
| KGKRC084 | 25.00     | 26.00   | 2487                                  | 5084                    | 533                                   | 1666                                  | 121                                   | 20.7                                  | 34.8                                  | 2.7                                   | 8.0                                   | 0.9                                   | 1.7                                   | 0.2                                   | 1.2                                   | 0.2                                   | 22.1                                 | 1.00      | 14.6      | 3.7      |
| KGKRC084 | 26.00     | 27.00   | 3246                                  | 6614                    | 688                                   | 2193                                  | 169                                   | 28.4                                  | 52.1                                  | 4.5                                   | 12.3                                  | 1.5                                   | 2.6                                   | 0.2                                   | 1.1                                   | 0.2                                   | 34.5                                 | 1.30      | 40.8      | 4.7      |
| KGKRC084 | 27.00     | 28.00   | 6579                                  | 12534                   | 1309                                  | 4181                                  | 354                                   | 62.2                                  | 112.5                                 | 8.5                                   | 24.0                                  | 2.3                                   | 4.1                                   | 0.5                                   | 1.9                                   | 0.2                                   | 51.7                                 | 2.52      | 103.4     | 3.4      |
| KGKRC084 | 28.00     | 29.00   | 3873                                  | 8145                    | 885                                   | 2747                                  | 191                                   | 32.1                                  | 55.5                                  | 4.4                                   | 13.1                                  | 1.7                                   | 3.0                                   | 0.3                                   | 1.5                                   | 0.2                                   | 39.4                                 | 1.60      | 20.2      | 2.7      |
| KGKRC084 | 29.00     | 30.00   | 3026                                  | 6192                    | 641                                   | 1999                                  | 148                                   | 23.6                                  | 40.4                                  | 2.9                                   | 8.3                                   | 1.0                                   | 2.1                                   | 0.3                                   | 1.2                                   | 0.2                                   | 23.8                                 | 1.21      | 17.1      | 7.6      |
| KGKRC084 | 30.00     | 31.00   | 3096                                  | 6249                    | 626                                   | 1974                                  | 144                                   | 22.0                                  | 39.5                                  | 3.1                                   | 9.5                                   | 1.0                                   | 2.1                                   | 0.2                                   | 1.2                                   | 0.2                                   | 25.8                                 | 1.22      | 17.8      | 4.4      |
| KGKRC084 | 31.00     | 32.00   | 4517                                  | 9204                    | 948                                   | 2883                                  | 193                                   | 31.8                                  | 51.5                                  | 3.9                                   | 10.8                                  | 1.2                                   | 1.9                                   | 0.2                                   | 0.7                                   | 0.2                                   | 23.5                                 | 1.79      | 22.3      | 1        |
| KGKRC084 | 32.00     | 33.00   | 3008                                  | 6191                    | 643                                   | 1982                                  | 142                                   | 22.5                                  | 40.0                                  | 3.4                                   | 9.8                                   | 1.3                                   | 1.7                                   | 0.5                                   | 1.5                                   | 0.3                                   | 23.5                                 | 1.21      | 17.3      | 1        |
| KGKRC084 | 33.00     | 34.00   | 3058                                  | 5284                    | 493                                   | 1509                                  | 106                                   | 18.5                                  | 31.1                                  | 2.5                                   | 7.8                                   | 0.9                                   | 1.7                                   | 0.3                                   | 1.2                                   | 0.2                                   | 22.2                                 | 1.05      | 18.3      | 6.3      |
| KGKRC084 | 34.00     | 35.00   | 3739                                  | 6282                    | 574                                   | 1645                                  | 128                                   | 22.0                                  | 42.0                                  | 3.8                                   | 10.4                                  | 1.6                                   | 3.7                                   | 0.3                                   | 2.1                                   | 0.3                                   | 36.3                                 | 1.25      | 21.1      | 2.7      |
| KGKRC084 | 35.00     | 36.00   | 3062                                  | 5349                    | 512                                   | 1527                                  | 113                                   | 18.8                                  | 34.0                                  | 2.7                                   | 7.2                                   | 0.9                                   | 1.4                                   | 0.1                                   | 0.5                                   | 0.1                                   | 16.8                                 | 1.06      | 20.1      | 6.9      |
| KGKRC084 | 36.00     | 37.00   | 1863                                  | 3529                    | 360                                   | 1115                                  | 85                                    | 15.4                                  | 28.2                                  | 2.4                                   | 6.1                                   | 0.8                                   | 1.4                                   | 0.2                                   | 1.0                                   | 0.2                                   | 18.0                                 | 0.70      | 14.9      | 1.4      |
| KGKRC084 | 37.00     | 38.00   | 2292                                  | 4531                    | 458                                   | 1399                                  | 109                                   | 18.3                                  | 32.6                                  | 2.8                                   | 7.9                                   | 1.0                                   | 1.8                                   | 0.2                                   | 0.8                                   | 0.1                                   | 22.7                                 | 0.89      | 19.3      | 5.9      |
| KGKRC084 | 38.00     | 39.00   | 1741                                  | 3595                    | 372                                   | 1176                                  | 94                                    | 17.1                                  | 31.9                                  | 2.5                                   | 6.9                                   | 1.0                                   | 1.8                                   | 0.2                                   | 1.0                                   | 0.1                                   | 21.5                                 | 0.71      | 13.4      | 1.7      |
| KGKRC084 | 39.00     | 40.00   | 2905                                  | 5720                    | 599                                   | 1961                                  | 159                                   | 27.0                                  | 47.8                                  | 3.7                                   | 11.5                                  | 1.3                                   | 2.9                                   | 0.5                                   | 1.8                                   | 0.3                                   | 33.1                                 | 1.15      | 25.2      | 12.8     |
| KGKRC084 | 40.00     | 41.00   | 2361                                  | 5101                    | 546                                   | 1767                                  | 142                                   | 24.8                                  | 43.2                                  | 3.7                                   | 12.9                                  | 1.7                                   | 3.1                                   | 0.5                                   | 1.8                                   | 0.5                                   | 38.5                                 | 1.00      | 16.7      | 4        |
| KGKRC084 | 41.00     | 42.00   | 1995                                  | 4233                    | 452                                   | 1485                                  | 113                                   | 19.7                                  | 35.0                                  | 3.1                                   | 9.4                                   | 1.3                                   | 2.9                                   | 0.3                                   | 1.9                                   | 0.2                                   | 31.4                                 | 0.84      | 11.6      | 2.2      |
| KGKRC084 | 42.00     | 43.00   | 1184                                  | 2684                    | 303                                   | 1013                                  | 84                                    | 15.3                                  | 28.8                                  | 2.7                                   | 9.3                                   | 1.5                                   | 3.3                                   | 0.5                                   | 2.1                                   | 0.3                                   | 35.6                                 | 0.54      | 9         | 4.1      |
| KGKRC084 | 43.00     | 44.00   | 2197                                  | 4510                    | 485                                   | 1584                                  | 128                                   | 21.4                                  | 36.8                                  | 2.9                                   | 9.6                                   | 1.3                                   | 2.4                                   | 0.3                                   | 1.1                                   | 0.2                                   | 27.7                                 | 0.90      | 15.3      | 4.2      |
| KGKRC084 | 44.00     | 45.00   | 1680                                  | 3564                    | 381                                   | 1254                                  | 102                                   | 18.6                                  | 34.1                                  | 2.8                                   | 9.4                                   | 1.3                                   | 2.4                                   | 0.2                                   | 1.8                                   | 0.2                                   | 27.8                                 | 0.71      | 16.3      | 1.4      |
| KGKRC084 | 45.00     | 46.00   | 1759                                  | 3813                    | 422                                   | 1425                                  | 127                                   | 24.4                                  | 44.7                                  | 3.9                                   | 12.4                                  | 1.4                                   | 2.2                                   | 0.2                                   | 1.0                                   | 0.2                                   | 30.6                                 | 0.77      | 41.1      | 4        |
| KGKRC084 | 46.00     | 47.00   | 3655                                  | 8040                    | 864                                   | 2762                                  | 209                                   | 35.2                                  | 56.8                                  | 3.9                                   | 11.1                                  | 1.5                                   | 2.4                                   | 0.3                                   | 0.7                                   | 0.2                                   | 29.1                                 | 1.57      | 31.5      | 2.8      |
| KGKRC084 | 47.00     | 48.00   | 3376                                  | 7289                    | 783                                   | 2494                                  | 184                                   | 30.5                                  | 54.8                                  | 4.2                                   | 12.5                                  | 1.5                                   | 2.5                                   | 0.5                                   | 1.8                                   | 0.3                                   | 36.8                                 | 1.43      | 24.7      | 3.1      |
| KGKRC084 | 48.00     | 49.00   | 4370                                  | 9162                    | 976                                   | 3007                                  | 218                                   | 34.3                                  | 57.1                                  | 4.1                                   | 13.2                                  | 1.6                                   | 3.2                                   | 0.5                                   | 2.1                                   | 0.2                                   | 36.1                                 | 1.79      | 21.7      | 2.7      |
| KGKRC084 | 49.00     | 50.00   | 3802                                  | 7798                    | 842                                   | 2797                                  | 251                                   | 40.6                                  | 70.8                                  | 4.1                                   | 11.0                                  | 1.4                                   | 2.7                                   | 0.2                                   | 1.6                                   | 0.2                                   | 27.1                                 | 1.57      | 27.6      | 3.5      |
| KGKRC084 | 50.00     | 51.00   | 3640                                  | 7273                    | 759                                   | 2543                                  | 238                                   | 43.4                                  | 73.0                                  | 4.8                                   | 12.4                                  | 1.4                                   | 2.9                                   | 0.5                                   | 1.9                                   | 0.2                                   | 33.9                                 | 1.46      | 29        | 6        |
| KGKRC084 | 51.00     | 52.00   | 4241                                  | 8011                    | 810                                   | 2536                                  | 209                                   | 35.9                                  | 62.3                                  | 4.4                                   | 11.6                                  | 1.4                                   | 2.5                                   | 0.3                                   | 1.8                                   | 0.2                                   | 32.9                                 | 1.60      | 25.7      | 6.2      |
| KGKRC084 | 52.00     | 53.00   | 10027                                 | 15948                   | 1420                                  | 3950                                  | 267                                   | 44.0                                  | 76.2                                  | 5.7                                   | 15.2                                  | 1.8                                   | 3.5                                   | 0.5                                   | 2.4                                   | 0.2                                   | 40.0                                 | 3.18      | 41.4      | 6.4      |
| KGKRC084 | 53.00     | 54.00   | 5788                                  | 12113                   | 1251                                  | 3918                                  | 287                                   | 43.8                                  | 76.3                                  | 5.1                                   | 13.8                                  | 1.7                                   | 3.1                                   | 0.5                                   | 2.1                                   | 0.3                                   | 36.2                                 | 2.35      | 30.1      | 6.1      |
| KGKRC084 | 54.00     | 55.00   | 11760                                 | 24377                   | 2540                                  | 7805                                  | 491                                   | 73.9                                  | 117.2                                 | 7.8                                   | 19.4                                  | 2.1                                   | 3.1                                   | 0.2                                   | 1.9                                   | 0.3                                   | 41.5                                 | 4.72      | 45.4      | 1.6      |
| KGKRC084 | 55.00     | 56.00   | 9735                                  | 20527                   | 2208                                  | 6867                                  | 429                                   | 61.3                                  | 95.7                                  | 6.0                                   | 14.8                                  | 1.5                                   | 3.0                                   | 0.3                                   | 1.3                                   | 0.2                                   | 33.7                                 | 4.00      | 33.2      | 2.3      |
| KGKRC084 | 56.00     | 57.00   | 7636                                  | 13680                   | 1320                                  | 3900                                  | 285                                   | 48.1                                  | 82.7                                  | 5.9                                   | 15.4                                  | 2.0                                   | 3.5                                   | 0.6                                   | 2.6                                   | 0.5                                   | 40.3                                 | 2.70      | 35.8      | 3.8      |
| KGKRC084 | 57.00     | 58.00   | 3144                                  | 6217                    | 653                                   | 2179                                  | 202                                   | 37.9                                  | 70.6                                  | 5.4                                   | 16.1                                  | 2.0                                   | 4.0                                   | 0.3                                   | 2.5                                   | 0.3                                   | 44.6                                 | 1.26      | 23.2      | 3.5      |
| KGKRC084 | 58.00     | 59.00   | 3403                                  | 6787                    | 729                                   | 2407                                  | 233                                   | 43.2                                  | 79.5                                  | 6.0                                   | 18.1                                  | 2.2                                   | 3.9                                   | 0.2                                   | 1.6                                   | 0.3                                   | 48.9                                 | 1.38      | 25.5      | 3        |
| KGKRC084 | 59.00     | 60.00   | 3665                                  | 7307                    | 761                                   | 2514                                  | 233                                   | 41.6                                  | 74.2                                  | 5.3                                   | 14.8                                  | 1.7                                   | 3.0                                   | 0.3                                   | 1.4                                   | 0.2                                   | 35.2                                 | 1.47      | 24.3      | 2.8      |
| KGKRC084 | 60.00     | 61.00   | 3688                                  | 7431                    | 802                                   | 2701                                  | 269                                   | 48.4                                  | 88.4                                  | 7.2                                   | 18.6                                  | 2.2                                   | 4.5                                   | 0.5                                   | 3.0                                   | 0.3                                   | 49.7                                 | 1.51      | 27.1      | 2.6      |
| KGKRC084 | 61.00     | 62.00   | 3516                                  | 7551                    | 833                                   | 2796                                  | 258                                   | 45.0                                  | 77.8                                  | 5.7                                   | 16.2                                  | 1.7                                   | 3.3                                   | 0.2                                   | 1.7                                   | 0.2                                   | 37.1                                 | 1.51      | 24.6      | 3        |

| Hole ID  | From<br>m | To<br>m | La <sub>2</sub> O <sub>3</sub><br>ppm | CeO <sub>2</sub><br>ppm | Pr <sub>2</sub> O <sub>3</sub><br>ppm | Nd <sub>2</sub> O <sub>3</sub><br>ppm | Sm <sub>2</sub> O <sub>3</sub><br>ppm | Eu <sub>2</sub> O <sub>3</sub><br>ppm | Gd <sub>2</sub> O <sub>3</sub><br>ppm | Tb <sub>2</sub> O <sub>3</sub><br>ppm | Dy <sub>2</sub> O <sub>3</sub><br>ppm | Ho <sub>2</sub> O <sub>3</sub><br>ppm | Er <sub>2</sub> O <sub>3</sub><br>ppm | Tm <sub>2</sub> O <sub>3</sub><br>ppm | Yb <sub>2</sub> O <sub>3</sub><br>ppm | Lu <sub>2</sub> O <sub>3</sub><br>ppm | Y <sub>2</sub> O <sub>3</sub><br>ppm | TREO<br>% | Th<br>ppm | U<br>ppm |
|----------|-----------|---------|---------------------------------------|-------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|--------------------------------------|-----------|-----------|----------|
| KGKRC084 | 62.00     | 63.00   | 4039                                  | 7856                    | 795                                   | 2525                                  | 203                                   | 34.3                                  | 60.4                                  | 4.1                                   | 11.1                                  | 1.5                                   | 3.2                                   | 0.2                                   | 2.1                                   | 0.2                                   | 30.0                                 | 1.56      | 17.4      | 1.9      |
| KGKRC084 | 63.00     | 64.00   | 3609                                  | 7444                    | 789                                   | 2640                                  | 255                                   | 46.1                                  | 83.3                                  | 6.2                                   | 17.5                                  | 2.0                                   | 3.4                                   | 0.2                                   | 1.6                                   | 0.2                                   | 40.9                                 | 1.49      | 22.3      | 1.8      |
| KGKRC084 | 64.00     | 65.00   | 4573                                  | 8845                    | 950                                   | 3105                                  | 324                                   | 61.7                                  | 114.6                                 | 8.5                                   | 27.5                                  | 2.5                                   | 4.2                                   | 0.2                                   | 2.4                                   | 0.2                                   | 51.3                                 | 1.81      | 35.2      | 2.3      |
| KGKRC084 | 65.00     | 66.00   | 5742                                  | 10473                   | 1088                                  | 3455                                  | 353                                   | 70.1                                  | 124.6                                 | 9.6                                   | 27.2                                  | 2.6                                   | 4.1                                   | 0.5                                   | 2.2                                   | 0.3                                   | 56.6                                 | 2.14      | 43        | 2        |
| KGKRC084 | 66.00     | 67.00   | 3542                                  | 7054                    | 715                                   | 2306                                  | 200                                   | 34.4                                  | 59.4                                  | 4.2                                   | 12.2                                  | 1.5                                   | 3.1                                   | 0.2                                   | 2.0                                   | 0.2                                   | 32.1                                 | 1.40      | 18.2      | 1.9      |
| KGKRC084 | 67.00     | 68.00   | 7102                                  | 12048                   | 1121                                  | 3202                                  | 235                                   | 41.2                                  | 68.2                                  | 5.7                                   | 15.5                                  | 1.5                                   | 3.1                                   | 0.3                                   | 1.9                                   | 0.2                                   | 36.1                                 | 2.39      | 28.6      | 1        |
| KGKRC084 | 68.00     | 69.00   | 3828                                  | 7258                    | 723                                   | 2258                                  | 180                                   | 32.1                                  | 56.2                                  | 4.0                                   | 10.7                                  | 1.4                                   | 2.5                                   | 0.2                                   | 1.5                                   | 0.2                                   | 29.8                                 | 1.44      | 19        | 2.6      |
| KGKRC084 | 69.00     | 70.00   | 1745                                  | 3174                    | 304                                   | 926                                   | 72                                    | 12.0                                  | 21.4                                  | 1.8                                   | 6.1                                   | 0.8                                   | 2.2                                   | 0.2                                   | 1.2                                   | 0.2                                   | 19.6                                 | 0.63      | 8.9       | 4.2      |
| KGKRC084 | 70.00     | 71.00   | 1387                                  | 2781                    | 279                                   | 855                                   | 63                                    | 10.2                                  | 17.7                                  | 1.7                                   | 5.3                                   | 0.7                                   | 1.4                                   | 0.2                                   | 1.0                                   | 0.1                                   | 16.0                                 | 0.54      | 6.2       | 2.9      |
| KGKRC084 | 71.00     | 72.00   | 2184                                  | 4406                    | 442                                   | 1376                                  | 106                                   | 17.3                                  | 31.7                                  | 2.5                                   | 8.2                                   | 0.9                                   | 1.7                                   | 0.2                                   | 1.2                                   | 0.1                                   | 22.9                                 | 0.86      | 10.8      | 3.6      |
| KGKRC084 | 72.00     | 73.00   | 3712                                  | 7922                    | 864                                   | 2680                                  | 203                                   | 31.3                                  | 53.2                                  | 3.4                                   | 9.2                                   | 1.2                                   | 1.5                                   | 0.2                                   | 0.8                                   | 0.2                                   | 21.2                                 | 1.55      | 17.6      | 0.4      |
| KGKRC084 | 73.00     | 74.00   | 2368                                  | 5061                    | 537                                   | 1722                                  | 125                                   | 20.0                                  | 32.9                                  | 2.4                                   | 7.0                                   | 0.8                                   | 1.8                                   | 0.2                                   | 1.1                                   | 0.1                                   | 18.2                                 | 0.99      | 11.5      | 0.4      |
| KGKRC084 | 74.00     | 75.00   | 4470                                  | 8376                    | 798                                   | 2359                                  | 169                                   | 27.9                                  | 47.6                                  | 3.5                                   | 10.1                                  | 1.3                                   | 2.3                                   | 0.2                                   | 1.4                                   | 0.1                                   | 27.9                                 | 1.63      | 20        | 0.7      |
| KGKRC084 | 75.00     | 76.00   | 7370                                  | 13290                   | 1278                                  | 3666                                  | 239                                   | 38.6                                  | 65.6                                  | 4.6                                   | 12.3                                  | 1.3                                   | 1.9                                   | 0.2                                   | 1.0                                   | 0.2                                   | 29.3                                 | 2.60      | 29.5      | 0.7      |
| KGKRC084 | 76.00     | 77.00   | 5876                                  | 11449                   | 1124                                  | 3368                                  | 227                                   | 36.4                                  | 67.0                                  | 4.4                                   | 13.4                                  | 1.4                                   | 2.4                                   | 0.2                                   | 1.1                                   | 0.1                                   | 31.0                                 | 2.22      | 30.4      | 0.5      |
| KGKRC084 | 77.00     | 78.00   | 2601                                  | 5147                    | 526                                   | 1623                                  | 128                                   | 21.5                                  | 37.9                                  | 2.6                                   | 8.2                                   | 1.0                                   | 1.9                                   | 0.2                                   | 0.6                                   | -0.1                                  | 21.8                                 | 1.01      | 19.5      | 0.6      |
| KGKRC084 | 78.00     | 79.00   | 1525                                  | 3522                    | 395                                   | 1332                                  | 116                                   | 20.0                                  | 34.8                                  | 2.7                                   | 8.0                                   | 1.0                                   | 1.9                                   | 0.2                                   | 1.2                                   | 0.2                                   | 22.9                                 | 0.70      | 18.4      | -0.1     |
| KGKRC084 | 79.00     | 80.00   | 2356                                  | 5303                    | 581                                   | 1914                                  | 151                                   | 24.6                                  | 42.6                                  | 2.8                                   | 7.4                                   | 0.9                                   | 2.1                                   | 0.2                                   | 1.2                                   | 0.2                                   | 22.4                                 | 1.04      | 18.7      | 0.1      |
| KGKRC084 | 80.00     | 81.00   | 2577                                  | 5539                    | 566                                   | 1769                                  | 122                                   | 20.0                                  | 36.3                                  | 2.7                                   | 8.6                                   | 1.0                                   | 1.6                                   | 0.2                                   | 1.1                                   | 0.1                                   | 24.9                                 | 1.07      | 15.3      | 0.2      |
| KGKRC084 | 81.00     | 82.00   | 2776                                  | 5729                    | 584                                   | 1777                                  | 117                                   | 19.5                                  | 36.1                                  | 2.6                                   | 8.6                                   | 1.0                                   | 1.9                                   | 0.1                                   | 1.0                                   | 0.1                                   | 24.0                                 | 1.11      | 13.8      | 0.1      |
| KGKRC084 | 82.00     | 83.00   | 2887                                  | 6210                    | 647                                   | 2005                                  | 135                                   | 22.1                                  | 38.4                                  | 2.9                                   | 9.5                                   | 0.9                                   | 2.4                                   | 0.2                                   | 1.4                                   | 0.1                                   | 27.9                                 | 1.20      | 14.9      | -0.1     |
| KGKRC084 | 83.00     | 84.00   | 2545                                  | 5512                    | 582                                   | 1782                                  | 123                                   | 20.6                                  | 33.3                                  | 2.8                                   | 8.4                                   | 1.3                                   | 1.9                                   | 0.5                                   | 2.2                                   | 0.2                                   | 27.7                                 | 1.06      | 11.9      | 0.2      |
| KGKRC084 | 84.00     | 85.00   | 9940                                  | 16856                   | 1546                                  | 4294                                  | 286                                   | 46.8                                  | 85.9                                  | 6.9                                   | 18.8                                  | 2.2                                   | 3.3                                   | 0.2                                   | 1.3                                   | 0.1                                   | 46.2                                 | 3.31      | 43.1      | 0.4      |
| KGKRC084 | 85.00     | 86.00   | 6764                                  | 13197                   | 1325                                  | 3885                                  | 259                                   | 42.2                                  | 76.4                                  | 6.0                                   | 17.7                                  | 2.2                                   | 3.8                                   | 0.5                                   | 1.9                                   | 0.2                                   | 48.6                                 | 2.56      | 30.9      | 0.3      |
| KGKRC084 | 86.00     | 87.00   | 1608                                  | 3581                    | 373                                   | 1170                                  | 84                                    | 14.4                                  | 27.0                                  | 2.1                                   | 6.4                                   | 0.8                                   | 1.6                                   | 0.2                                   | 1.7                                   | 0.1                                   | 21.7                                 | 0.69      | 10.1      | -0.1     |
| KGKRC084 | 87.00     | 88.00   | 1979                                  | 4220                    | 444                                   | 1375                                  | 103                                   | 16.3                                  | 30.2                                  | 2.2                                   | 7.2                                   | 0.8                                   | 1.7                                   | 0.1                                   | 0.6                                   | 0.2                                   | 19.9                                 | 0.82      | 10.3      | 0.1      |
| KGKRC084 | 88.00     | 89.00   | 4092                                  | 8149                    | 818                                   | 2515                                  | 178                                   | 29.6                                  | 52.5                                  | 4.0                                   | 10.6                                  | 1.3                                   | 2.4                                   | 0.2                                   | 1.1                                   | 0.1                                   | 27.9                                 | 1.59      | 21.6      | 0.2      |
| KGKRC084 | 89.00     | 90.00   | 1300                                  | 2817                    | 293                                   | 910                                   | 69                                    | 11.8                                  | 22.0                                  | 1.9                                   | 5.4                                   | 0.7                                   | 1.4                                   | 0.1                                   | 0.9                                   | 0.1                                   | 17.3                                 | 0.55      | 9.1       | -0.1     |
| KGKRC084 | 90.00     | 91.00   | 2024                                  | 4411                    | 466                                   | 1464                                  | 102                                   | 16.4                                  | 28.5                                  | 2.2                                   | 7.6                                   | 0.9                                   | 1.6                                   | 0.2                                   | 0.7                                   | 0.1                                   | 20.2                                 | 0.85      | 11        | 0.1      |
| KGKRC084 | 91.00     | 92.00   | 1750                                  | 3543                    | 361                                   | 1115                                  | 84                                    | 14.8                                  | 26.7                                  | 2.1                                   | 6.7                                   | 0.9                                   | 1.6                                   | 0.2                                   | 1.5                                   | 0.1                                   | 20.3                                 | 0.69      | 10        | 0.3      |
| KGKRC084 | 92.00     | 93.00   | 3123                                  | 5751                    | 563                                   | 1696                                  | 128                                   | 22.0                                  | 38.3                                  | 3.1                                   | 9.6                                   | 1.0                                   | 1.9                                   | 0.1                                   | 0.8                                   | -0.1                                  | 23.0                                 | 1.14      | 15.9      | 0.6      |
| KGKRC084 | 93.00     | 94.00   | 4183                                  | 8086                    | 796                                   | 2376                                  | 165                                   | 26.9                                  | 48.8                                  | 3.4                                   | 10.6                                  | 1.2                                   | 1.9                                   | 0.3                                   | 1.4                                   | 0.1                                   | 26.4                                 | 1.57      | 17.6      | 0.2      |
| KGKRC084 | 94.00     | 95.00   | 2694                                  | 5551                    | 566                                   | 1754                                  | 126                                   | 20.7                                  | 35.3                                  | 2.8                                   | 8.0                                   | 0.8                                   | 1.5                                   | 0.1                                   | 1.1                                   | 0.1                                   | 20.5                                 | 1.08      | 12.5      | 0.2      |
| KGKRC084 | 95.00     | 96.00   | 3039                                  | 5846                    | 583                                   | 1780                                  | 141                                   | 26.3                                  | 50.6                                  | 4.7                                   | 14.5                                  | 1.7                                   | 4.0                                   | 0.2                                   | 1.7                                   | 0.2                                   | 47.1                                 | 1.15      | 16.6      | 1        |
| KGKRC084 | 96.00     | 97.00   | 2527                                  | 5185                    | 528                                   | 1621                                  | 122                                   | 21.9                                  | 37.4                                  | 3.1                                   | 9.0                                   | 1.2                                   | 1.8                                   | 0.2                                   | 1.1                                   | 0.2                                   | 24.0                                 | 1.01      | 20.7      | 0.2      |
| KGKRC084 | 97.00     | 98.00   | 2244                                  | 4555                    | 459                                   | 1392                                  | 95                                    | 15.6                                  | 29.2                                  | 2.5                                   | 8.0                                   | 0.9                                   | 2.5                                   | 0.2                                   | 1.6                                   | 0.2                                   | 24.9                                 | 0.88      | 10.5      | 0.3      |
| KGKRC084 | 98.00     | 99.00   | 2431                                  | 5225                    | 546                                   | 1700                                  | 123                                   | 19.7                                  | 34.3                                  | 3.1                                   | 8.3                                   | 1.2                                   | 2.5                                   | 0.2                                   | 1.4                                   | 0.2                                   | 26.9                                 | 1.01      | 14.1      | 0.1      |
| KGKRC084 | 99.00     | 100.00  | 1956                                  | 3886                    | 405                                   | 1250                                  | 98                                    | 16.2                                  | 30.6                                  | 2.4                                   | 7.5                                   | 0.8                                   | 1.3                                   | 0.1                                   | 1.2                                   | -0.1                                  | 18.2                                 | 0.77      | 10.8      | 0.1      |
| KGKRC085 | 0.00      | 1.00    | 2160                                  | 4894                    | 543                                   | 1814                                  | 134                                   | 20.6                                  | 35.3                                  | 2.4                                   | 7.9                                   | 0.8                                   | 1.8                                   | 0.2                                   | 1.5                                   | 0.2                                   | 21.1                                 | 0.96      | 16.0      | 0.8      |
| KGKRC085 | 1.00      | 2.00    | 463                                   | 1144                    | 133                                   | 446                                   | 39                                    | 7.1                                   | 12.9                                  | 1.1                                   | 3.7                                   | 0.5                                   | 1.0                                   | 0.1                                   | 0.8                                   | 0.1                                   | 12.8                                 | 0.23      | 6.6       | 0.2      |
| KGKRC085 | 2.00      | 3.00    | 1082                                  | 2585                    | 302                                   | 1021                                  | 84                                    | 13.6                                  | 23.7                                  | 1.8                                   | 4.6                                   | 0.5                                   | 1.3                                   | 0.1                                   | 0.7                                   | -0.1                                  | 14.5                                 | 0.51      | 11.1      | 0.3      |
| KGKRC085 | 3.00      | 4.00    | 1538                                  | 3240                    | 353                                   | 1151                                  | 96                                    | 17.0                                  | 31.3                                  | 2.5                                   | 7.8                                   | 1.0                                   | 2.2                                   | 0.2                                   | 0.9                                   | 0.2                                   | 24.3                                 | 0.65      | 16.0      | 1.1      |
| KGKRC085 | 4.00      | 5.00    | 3080                                  | 6415                    | 671                                   | 2120                                  | 183                                   | 34.0                                  | 72.4                                  | 6.5                                   | 24.2                                  | 3.2                                   | 7.0                                   | 0.9                                   | 3.9                                   | 0.6                                   | 84.5                                 | 1.27      | 38.7      | 5.2      |
| KGKRC085 | 5.00      | 6.00    | 1466                                  | 3125                    | 346                                   | 1181                                  | 126                                   | 26.1                                  | 57.4                                  | 5.7                                   | 24.0                                  | 3.7                                   | 7.7                                   | 0.9                                   | 5.6                                   | 0.8                                   | 93.6                                 | 0.65      | 18.3      | 11.2     |
| KGKRC085 | 6.00      | 7.00    | 3673                                  | 7434                    | 785                                   | 2546                                  | 219                                   | 36.8                                  | 64.7                                  | 4.2                                   | 12.6                                  | 1.5                                   | 2.7                                   | 0.3                                   | 2.0                                   | 0.2                                   | 34.8                                 | 1.48      | 28.8      | 1.1      |

| Hole ID  | From<br>m | To<br>m | La <sub>2</sub> O <sub>3</sub><br>ppm | CeO <sub>2</sub><br>ppm | Pr <sub>2</sub> O <sub>3</sub><br>ppm | Nd <sub>2</sub> O <sub>3</sub><br>ppm | Sm <sub>2</sub> O <sub>3</sub><br>ppm | Eu <sub>2</sub> O <sub>3</sub><br>ppm | Gd <sub>2</sub> O <sub>3</sub><br>ppm | Tb <sub>2</sub> O <sub>3</sub><br>ppm | Dy <sub>2</sub> O <sub>3</sub><br>ppm | Ho <sub>2</sub> O <sub>3</sub><br>ppm | Er <sub>2</sub> O <sub>3</sub><br>ppm | Tm <sub>2</sub> O <sub>3</sub><br>ppm | Yb <sub>2</sub> O <sub>3</sub><br>ppm | Lu <sub>2</sub> O <sub>3</sub><br>ppm | Y <sub>2</sub> O <sub>3</sub><br>ppm | TREO<br>% | Th<br>ppm | U<br>ppm |
|----------|-----------|---------|---------------------------------------|-------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|--------------------------------------|-----------|-----------|----------|
| KGKRC085 | 7.00      | 8.00    | 2766                                  | 5689                    | 620                                   | 2079                                  | 207                                   | 41.1                                  | 83.4                                  | 7.3                                   | 28.8                                  | 3.9                                   | 8.4                                   | 0.9                                   | 4.6                                   | 0.9                                   | 103.1                                | 1.16      | 34.1      | 8.3      |
| KGKRC085 | 8.00      | 9.00    | 7557                                  | 13907                   | 1368                                  | 4024                                  | 309                                   | 52.0                                  | 94.1                                  | 7.2                                   | 21.9                                  | 2.2                                   | 3.7                                   | 0.2                                   | 1.6                                   | 0.2                                   | 49.9                                 | 2.74      | 50.0      | 3.9      |
| KGKRC085 | 9.00      | 10.00   | 5756                                  | 11099                   | 1108                                  | 3367                                  | 243                                   | 40.6                                  | 65.4                                  | 4.8                                   | 13.1                                  | 1.3                                   | 2.6                                   | 0.2                                   | 1.2                                   | 0.2                                   | 29.0                                 | 2.17      | 32.1      | 5.9      |
| KGKRC085 | 10.00     | 11.00   | 3855                                  | 7413                    | 742                                   | 2321                                  | 172                                   | 29.4                                  | 50.9                                  | 3.8                                   | 12.6                                  | 1.4                                   | 2.5                                   | 0.2                                   | 1.0                                   | 0.2                                   | 30.5                                 | 1.46      | 25.5      | 3.0      |
| KGKRC085 | 11.00     | 12.00   | 5432                                  | 10645                   | 1087                                  | 3226                                  | 245                                   | 42.3                                  | 76.5                                  | 5.3                                   | 15.3                                  | 1.7                                   | 2.5                                   | 0.3                                   | 1.2                                   | 0.2                                   | 37.5                                 | 2.08      | 38.6      | 2.7      |
| KGKRC085 | 12.00     | 13.00   | 3379                                  | 6730                    | 695                                   | 2138                                  | 156                                   | 25.8                                  | 43.8                                  | 3.3                                   | 8.3                                   | 1.0                                   | 2.2                                   | 0.2                                   | 1.1                                   | 0.2                                   | 24.3                                 | 1.32      | 20.9      | 0.7      |
| KGKRC085 | 13.00     | 14.00   | 2975                                  | 5861                    | 595                                   | 1817                                  | 132                                   | 21.5                                  | 36.7                                  | 2.5                                   | 7.2                                   | 0.9                                   | 1.8                                   | 0.2                                   | 1.1                                   | 0.1                                   | 21.3                                 | 1.15      | 16.9      | 2.4      |
| KGKRC085 | 14.00     | 15.00   | 2836                                  | 4927                    | 473                                   | 1379                                  | 109                                   | 19.2                                  | 37.0                                  | 2.9                                   | 9.2                                   | 1.0                                   | 1.8                                   | 0.3                                   | 1.1                                   | 0.2                                   | 25.7                                 | 0.98      | 16.3      | 1.2      |
| KGKRC085 | 15.00     | 16.00   | 1408                                  | 2951                    | 330                                   | 1097                                  | 118                                   | 22.4                                  | 40.9                                  | 3.2                                   | 10.1                                  | 1.3                                   | 2.4                                   | 0.3                                   | 2.0                                   | 0.2                                   | 29.1                                 | 0.60      | 23.4      | 0.9      |
| KGKRC085 | 16.00     | 17.00   | 1284                                  | 2735                    | 307                                   | 1044                                  | 106                                   | 18.3                                  | 33.9                                  | 2.2                                   | 7.1                                   | 1.2                                   | 1.9                                   | 0.3                                   | 1.2                                   | 0.1                                   | 23.9                                 | 0.56      | 23.3      | 0.5      |
| KGKRC085 | 17.00     | 18.00   | 2512                                  | 5160                    | 551                                   | 1761                                  | 167                                   | 29.2                                  | 52.1                                  | 4.1                                   | 12.4                                  | 1.6                                   | 3.2                                   | 0.5                                   | 1.8                                   | 0.2                                   | 39.8                                 | 1.03      | 30.1      | 2.9      |
| KGKRC085 | 18.00     | 19.00   | 5799                                  | 10878                   | 1129                                  | 3366                                  | 295                                   | 55.4                                  | 108.7                                 | 8.7                                   | 22.8                                  | 3.1                                   | 4.9                                   | 0.6                                   | 3.2                                   | 0.3                                   | 67.8                                 | 2.17      | 54.0      | 5.1      |
| KGKRC085 | 19.00     | 20.00   | 7186                                  | 13471                   | 1383                                  | 4114                                  | 353                                   | 63.0                                  | 118.2                                 | 8.8                                   | 25.1                                  | 2.8                                   | 5.4                                   | 0.6                                   | 2.4                                   | 0.3                                   | 67.8                                 | 2.68      | 62.3      | 4.5      |
| KGKRC085 | 20.00     | 21.00   | 5833                                  | 11075                   | 1134                                  | 3511                                  | 319                                   | 58.8                                  | 115.8                                 | 9.1                                   | 24.5                                  | 2.8                                   | 5.2                                   | 0.7                                   | 3.0                                   | 0.6                                   | 63.8                                 | 2.22      | 61.2      | 8.3      |
| KGKRC085 | 21.00     | 22.00   | 4758                                  | 9048                    | 940                                   | 2992                                  | 298                                   | 59.5                                  | 115.1                                 | 9.4                                   | 31.0                                  | 3.8                                   | 7.0                                   | 0.9                                   | 4.7                                   | 0.6                                   | 95.4                                 | 1.84      | 73.6      | 8.7      |
| KGKRC085 | 22.00     | 23.00   | 3340                                  | 6731                    | 716                                   | 2321                                  | 226                                   | 43.1                                  | 81.7                                  | 6.5                                   | 21.2                                  | 2.8                                   | 4.6                                   | 0.7                                   | 3.2                                   | 0.5                                   | 61.5                                 | 1.36      | 42.7      | 8.4      |
| KGKRC085 | 23.00     | 24.00   | 4455                                  | 8355                    | 865                                   | 2720                                  | 285                                   | 56.6                                  | 108.5                                 | 8.6                                   | 26.4                                  | 2.8                                   | 4.7                                   | 0.7                                   | 3.5                                   | 0.5                                   | 68.5                                 | 1.70      | 57.8      | 8.3      |
| KGKRC085 | 24.00     | 25.00   | 11824                                 | 20340                   | 1979                                  | 5821                                  | 460                                   | 83.7                                  | 151.6                                 | 9.9                                   | 24.0                                  | 2.5                                   | 4.5                                   | 0.3                                   | 1.6                                   | 0.2                                   | 52.6                                 | 4.08      | 72.1      | 7.6      |
| KGKRC085 | 25.00     | 26.00   | 9748                                  | 17272                   | 1722                                  | 5076                                  | 436                                   | 81.9                                  | 147.3                                 | 10.5                                  | 27.4                                  | 3.2                                   | 5.5                                   | 0.6                                   | 3.0                                   | 0.5                                   | 69.3                                 | 3.46      | 65.9      | 8.5      |
| KGKRC085 | 26.00     | 27.00   | 9007                                  | 16165                   | 1650                                  | 4920                                  | 419                                   | 74.8                                  | 134.6                                 | 9.3                                   | 22.7                                  | 2.4                                   | 3.5                                   | 0.3                                   | 1.9                                   | 0.2                                   | 48.1                                 | 3.25      | 62.6      | 4.6      |
| KGKRC085 | 27.00     | 28.00   | 6914                                  | 12997                   | 1342                                  | 4053                                  | 353                                   | 65.2                                  | 113.1                                 | 8.8                                   | 22.4                                  | 2.8                                   | 4.8                                   | 0.3                                   | 3.0                                   | 0.3                                   | 57.7                                 | 2.59      | 59.9      | 6.1      |
| KGKRC085 | 28.00     | 29.00   | 3248                                  | 6213                    | 648                                   | 1943                                  | 153                                   | 25.8                                  | 42.8                                  | 3.4                                   | 10.7                                  | 1.3                                   | 2.9                                   | 0.2                                   | 1.8                                   | 0.2                                   | 30.7                                 | 1.23      | 20.7      | 7.7      |
| KGKRC085 | 29.00     | 30.00   | 3870                                  | 7170                    | 717                                   | 2130                                  | 172                                   | 30.6                                  | 57.1                                  | 4.8                                   | 14.1                                  | 2.2                                   | 4.5                                   | 0.3                                   | 2.2                                   | 0.3                                   | 47.9                                 | 1.42      | 24.5      | 5.8      |
| KGKRC085 | 30.00     | 31.00   | 2171                                  | 4835                    | 534                                   | 1758                                  | 181                                   | 36.5                                  | 68.9                                  | 6.0                                   | 21.5                                  | 2.8                                   | 4.8                                   | 0.5                                   | 2.2                                   | 0.3                                   | 61.1                                 | 0.97      | 61.2      | 7.6      |
| KGKRC085 | 31.00     | 32.00   | 1446                                  | 3116                    | 352                                   | 1148                                  | 133                                   | 28.4                                  | 60.8                                  | 5.5                                   | 19.7                                  | 2.6                                   | 4.9                                   | 0.5                                   | 2.1                                   | 0.3                                   | 63.5                                 | 0.64      | 41.3      | 6.0      |
| KGKRC085 | 32.00     | 33.00   | 1701                                  | 3531                    | 385                                   | 1270                                  | 144                                   | 31.2                                  | 67.5                                  | 6.7                                   | 25.7                                  | 3.8                                   | 8.0                                   | 0.9                                   | 5.2                                   | 0.7                                   | 92.8                                 | 0.73      | 53.3      | 15.4     |
| KGKRC085 | 33.00     | 34.00   | 2222                                  | 4413                    | 468                                   | 1479                                  | 149                                   | 29.6                                  | 60.6                                  | 5.4                                   | 18.4                                  | 2.9                                   | 6.0                                   | 0.6                                   | 3.8                                   | 0.5                                   | 69.6                                 | 0.89      | 28.0      | 12.7     |
| KGKRC085 | 34.00     | 35.00   | 1688                                  | 3540                    | 393                                   | 1316                                  | 147                                   | 30.9                                  | 67.1                                  | 7.2                                   | 27.4                                  | 3.7                                   | 9.3                                   | 1.6                                   | 5.7                                   | 0.7                                   | 107.8                                | 0.73      | 27.8      | 10.5     |
| KGKRC085 | 35.00     | 36.00   | 2470                                  | 4786                    | 506                                   | 1587                                  | 148                                   | 29.4                                  | 58.6                                  | 5.2                                   | 20.7                                  | 2.5                                   | 5.7                                   | 0.7                                   | 3.3                                   | 0.6                                   | 71.4                                 | 0.97      | 27.4      | 9.6      |
| KGKRC085 | 36.00     | 37.00   | 9687                                  | 15835                   | 1485                                  | 4147                                  | 312                                   | 54.7                                  | 101.1                                 | 7.4                                   | 19.2                                  | 2.3                                   | 4.0                                   | 0.5                                   | 1.6                                   | 0.2                                   | 48.4                                 | 3.17      | 46.6      | 5.5      |
| KGKRC085 | 37.00     | 38.00   | 2945                                  | 5601                    | 582                                   | 1785                                  | 156                                   | 28.6                                  | 55.1                                  | 4.2                                   | 13.4                                  | 1.6                                   | 3.7                                   | 0.3                                   | 1.8                                   | 0.3                                   | 41.5                                 | 1.12      | 23.9      | 6.5      |
| KGKRC085 | 38.00     | 39.00   | 5763                                  | 10060                   | 970                                   | 2825                                  | 226                                   | 42.8                                  | 82.5                                  | 6.5                                   | 18.9                                  | 2.1                                   | 3.3                                   | 0.3                                   | 2.1                                   | 0.2                                   | 47.1                                 | 2.00      | 35.6      | 5.4      |
| KGKRC085 | 39.00     | 40.00   | 3702                                  | 7173                    | 754                                   | 2353                                  | 213                                   | 37.5                                  | 72.4                                  | 6.1                                   | 20.9                                  | 2.4                                   | 4.6                                   | 0.7                                   | 3.0                                   | 0.3                                   | 60.6                                 | 1.44      | 27.9      | 9.5      |
| KGKRC085 | 40.00     | 41.00   | 3000                                  | 6325                    | 697                                   | 2311                                  | 230                                   | 42.7                                  | 85.6                                  | 6.7                                   | 21.4                                  | 2.9                                   | 6.6                                   | 0.8                                   | 4.3                                   | 0.5                                   | 73.0                                 | 1.28      | 45.3      | 8.5      |
| KGKRC085 | 41.00     | 42.00   | 3081                                  | 6197                    | 666                                   | 2148                                  | 207                                   | 39.0                                  | 79.5                                  | 6.2                                   | 17.1                                  | 2.4                                   | 4.1                                   | 0.6                                   | 3.4                                   | 0.3                                   | 57.0                                 | 1.25      | 47.5      | 5.9      |
| KGKRC085 | 42.00     | 43.00   | 1461                                  | 3027                    | 332                                   | 1131                                  | 134                                   | 30.7                                  | 68.5                                  | 7.2                                   | 29.5                                  | 4.5                                   | 10.0                                  | 1.3                                   | 6.2                                   | 0.7                                   | 115.8                                | 0.64      | 30.6      | 10.7     |
| KGKRC085 | 43.00     | 44.00   | 1596                                  | 3366                    | 385                                   | 1298                                  | 149                                   | 32.2                                  | 74.5                                  | 7.2                                   | 27.7                                  | 4.5                                   | 9.2                                   | 1.1                                   | 5.2                                   | 0.8                                   | 118.4                                | 0.71      | 39.0      | 9.9      |
| KGKRC085 | 44.00     | 45.00   | 1648                                  | 3615                    | 406                                   | 1382                                  | 154                                   | 33.6                                  | 72.7                                  | 6.6                                   | 25.4                                  | 3.9                                   | 7.7                                   | 0.8                                   | 4.8                                   | 0.7                                   | 98.5                                 | 0.75      | 36.9      | 8.2      |
| KGKRC085 | 45.00     | 46.00   | 2288                                  | 4964                    | 549                                   | 1826                                  | 187                                   | 36.4                                  | 73.0                                  | 6.4                                   | 24.2                                  | 3.7                                   | 7.8                                   | 0.9                                   | 4.9                                   | 0.6                                   | 87.6                                 | 1.01      | 36.3      | 7.8      |
| KGKRC085 | 46.00     | 47.00   | 2053                                  | 4193                    | 460                                   | 1490                                  | 132                                   | 23.7                                  | 46.6                                  | 3.5                                   | 12.3                                  | 2.0                                   | 3.5                                   | 0.7                                   | 2.0                                   | 0.3                                   | 44.8                                 | 0.85      | 14.6      | 4.7      |
| KGKRC085 | 47.00     | 48.00   | 7198                                  | 14394                   | 1486                                  | 4343                                  | 290                                   | 45.0                                  | 74.2                                  | 4.9                                   | 11.7                                  | 1.3                                   | 1.9                                   | 0.2                                   | 1.4                                   | 0.2                                   | 25.4                                 | 2.79      | 29.0      | 1.6      |
| KGKRC085 | 48.00     | 49.00   | 3991                                  | 7933                    | 827                                   | 2546                                  | 224                                   | 41.5                                  | 80.3                                  | 6.4                                   | 23.3                                  | 3.3                                   | 6.9                                   | 0.9                                   | 3.1                                   | 0.5                                   | 77.0                                 | 1.58      | 33.5      | 2.5      |
| KGKRC085 | 49.00     | 50.00   | 5557                                  | 11391                   | 1247                                  | 3791                                  | 291                                   | 46.2                                  | 75.6                                  | 4.6                                   | 9.8                                   | 1.3                                   | 1.9                                   | 0.1                                   | 1.0                                   | 0.1                                   | 24.9                                 | 2.24      | 28.4      | 0.7      |
| KGKRC086 | 0.00      | 1.00    | 7537                                  | 15488                   | 1660                                  | 4899                                  | 336                                   | 51.6                                  | 80.9                                  | 5.5                                   | 12.9                                  | 1.6                                   | 2.4                                   | 0.2                                   | 1.5                                   | 0.2                                   | 30.1                                 | 3.01      | 38.3      | 6.3      |
| KGKRC086 | 1.00      | 2.00    | 5325                                  | 10887                   | 1175                                  | 3481                                  | 247                                   | 37.5                                  | 58.7                                  | 3.7                                   | 8.8                                   | 0.9                                   | 1.6                                   | -0.1                                  | 1.1                                   | -0.1                                  | 19.3                                 | 2.12      | 26.4      | 5.3      |

| Hole ID  | From<br>m | To<br>m | La <sub>2</sub> O <sub>3</sub><br>ppm | CeO <sub>2</sub><br>ppm | Pr <sub>2</sub> O <sub>3</sub><br>ppm | Nd <sub>2</sub> O <sub>3</sub><br>ppm | Sm <sub>2</sub> O <sub>3</sub><br>ppm | Eu <sub>2</sub> O <sub>3</sub><br>ppm | Gd <sub>2</sub> O <sub>3</sub><br>ppm | Tb <sub>2</sub> O <sub>3</sub><br>ppm | Dy <sub>2</sub> O <sub>3</sub><br>ppm | Ho <sub>2</sub> O <sub>3</sub><br>ppm | Er <sub>2</sub> O <sub>3</sub><br>ppm | Tm <sub>2</sub> O <sub>3</sub><br>ppm | Yb <sub>2</sub> O <sub>3</sub><br>ppm | Lu <sub>2</sub> O <sub>3</sub><br>ppm | Y <sub>2</sub> O <sub>3</sub><br>ppm | TREO<br>% | Th<br>ppm | U<br>ppm |
|----------|-----------|---------|---------------------------------------|-------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|--------------------------------------|-----------|-----------|----------|
| KGKRC086 | 2.00      | 3.00    | 7383                                  | 15168                   | 1618                                  | 4901                                  | 330                                   | 49.2                                  | 80.7                                  | 5.2                                   | 10.9                                  | 1.2                                   | 1.7                                   | 0.1                                   | 0.6                                   | 0.2                                   | 24.1                                 | 2.96      | 34.1      | 2.2      |
| KGKRC086 | 3.00      | 4.00    | 4736                                  | 9826                    | 1062                                  | 3115                                  | 201                                   | 31.0                                  | 46.7                                  | 3.4                                   | 8.2                                   | 0.8                                   | 1.3                                   | 0.1                                   | 0.9                                   | 0.1                                   | 17.1                                 | 1.90      | 21.6      | 2.6      |
| KGKRC086 | 4.00      | 5.00    | 4177                                  | 8587                    | 917                                   | 2715                                  | 178                                   | 27.4                                  | 43.7                                  | 2.7                                   | 7.9                                   | 0.8                                   | 1.1                                   | 0.2                                   | 0.7                                   | -0.1                                  | 16.5                                 | 1.67      | 19.5      | 2.9      |
| KGKRC086 | 5.00      | 6.00    | 3191                                  | 6534                    | 691                                   | 2120                                  | 155                                   | 23.4                                  | 39.7                                  | 2.7                                   | 7.4                                   | 0.8                                   | 1.1                                   | -0.1                                  | 0.9                                   | 0.1                                   | 17.3                                 | 1.28      | 18.3      | 5.3      |
| KGKRC086 | 6.00      | 7.00    | 4400                                  | 9080                    | 978                                   | 3048                                  | 223                                   | 33.6                                  | 54.7                                  | 3.4                                   | 8.0                                   | 0.8                                   | 1.6                                   | 0.1                                   | 0.5                                   | -0.1                                  | 16.6                                 | 1.78      | 23.5      | 4.6      |
| KGKRC086 | 7.00      | 8.00    | 3672                                  | 7357                    | 748                                   | 2288                                  | 163                                   | 24.3                                  | 41.5                                  | 3.1                                   | 8.4                                   | 1.2                                   | 1.7                                   | 0.2                                   | 1.4                                   | 0.1                                   | 23.0                                 | 1.43      | 17.8      | 3.5      |
| KGKRC086 | 8.00      | 9.00    | 4995                                  | 10500                   | 1131                                  | 3483                                  | 237                                   | 36.1                                  | 58.6                                  | 4.0                                   | 8.8                                   | 0.9                                   | 1.5                                   | 0.1                                   | 1.3                                   | -0.1                                  | 20.6                                 | 2.05      | 24.2      | 4.0      |
| KGKRC086 | 9.00      | 10.00   | 2884                                  | 6283                    | 701                                   | 2316                                  | 189                                   | 28.7                                  | 49.9                                  | 3.1                                   | 8.3                                   | 1.0                                   | 1.4                                   | 0.1                                   | 1.2                                   | 0.2                                   | 19.9                                 | 1.25      | 22.5      | 6.3      |
| KGKRC086 | 10.00     | 11.00   | 4382                                  | 9210                    | 992                                   | 3131                                  | 231                                   | 34.4                                  | 54.6                                  | 3.4                                   | 8.3                                   | 0.8                                   | 1.3                                   | 0.1                                   | 1.0                                   | 0.1                                   | 17.1                                 | 1.81      | 25.5      | 5.3      |
| KGKRC086 | 11.00     | 12.00   | 3207                                  | 6987                    | 749                                   | 2424                                  | 177                                   | 25.9                                  | 44.8                                  | 2.9                                   | 7.2                                   | 0.7                                   | 1.4                                   | 0.1                                   | 1.0                                   | 0.1                                   | 16.9                                 | 1.36      | 19.8      | 4.5      |
| KGKRC086 | 12.00     | 13.00   | 3514                                  | 7661                    | 831                                   | 2699                                  | 190                                   | 27.8                                  | 44.4                                  | 2.7                                   | 6.0                                   | 0.6                                   | 1.0                                   | 0.1                                   | 0.7                                   | -0.1                                  | 14.0                                 | 1.50      | 21.9      | 5.4      |
| KGKRC086 | 13.00     | 14.00   | 3165                                  | 6859                    | 750                                   | 2415                                  | 175                                   | 26.5                                  | 44.4                                  | 2.6                                   | 5.7                                   | 0.6                                   | 1.3                                   | 0.1                                   | 0.7                                   | 0.1                                   | 14.9                                 | 1.35      | 19.0      | 3.7      |
| KGKRC086 | 14.00     | 15.00   | 3924                                  | 8174                    | 856                                   | 2723                                  | 178                                   | 27.6                                  | 44.8                                  | 2.7                                   | 6.4                                   | 0.7                                   | 1.0                                   | 0.1                                   | 0.8                                   | 0.1                                   | 13.7                                 | 1.60      | 18.4      | 5.9      |
| KGKRC086 | 15.00     | 16.00   | 3737                                  | 8044                    | 856                                   | 2742                                  | 192                                   | 30.3                                  | 48.0                                  | 3.2                                   | 7.7                                   | 1.0                                   | 1.7                                   | 0.1                                   | 0.9                                   | 0.1                                   | 18.9                                 | 1.57      | 24.6      | 5.9      |
| KGKRC086 | 16.00     | 17.00   | 5488                                  | 10288                   | 1006                                  | 2956                                  | 213                                   | 35.3                                  | 64.3                                  | 4.6                                   | 11.5                                  | 1.3                                   | 1.8                                   | 0.2                                   | 1.4                                   | 0.1                                   | 29.0                                 | 2.01      | 31.3      | 1.1      |
| KGKRC086 | 17.00     | 18.00   | 3293                                  | 5708                    | 537                                   | 1581                                  | 127                                   | 22.9                                  | 42.8                                  | 3.2                                   | 9.8                                   | 1.0                                   | 1.8                                   | 0.2                                   | 0.5                                   | 0.1                                   | 23.1                                 | 1.14      | 24.1      | 1.7      |
| KGKRC086 | 18.00     | 19.00   | 7523                                  | 13679                   | 1337                                  | 3901                                  | 277                                   | 44.9                                  | 77.1                                  | 5.8                                   | 14.8                                  | 1.6                                   | 2.4                                   | 0.1                                   | 1.1                                   | 0.1                                   | 31.1                                 | 2.69      | 32.3      | 2.4      |
| KGKRC086 | 19.00     | 20.00   | 3217                                  | 6522                    | 656                                   | 2048                                  | 135                                   | 21.3                                  | 34.5                                  | 2.4                                   | 5.3                                   | 0.8                                   | 1.3                                   | 0.1                                   | 1.0                                   | -0.1                                  | 15.0                                 | 1.27      | 14.5      | 1.8      |
| KGKRC086 | 20.00     | 21.00   | 3239                                  | 6578                    | 664                                   | 2079                                  | 139                                   | 21.7                                  | 37.2                                  | 2.5                                   | 7.2                                   | 0.8                                   | 1.0                                   | -0.1                                  | 0.7                                   | -0.1                                  | 17.3                                 | 1.28      | 16.4      | 1.6      |
| KGKRC086 | 21.00     | 22.00   | 3763                                  | 7588                    | 802                                   | 2524                                  | 189                                   | 30.9                                  | 56.9                                  | 4.2                                   | 12.4                                  | 1.5                                   | 2.5                                   | 0.2                                   | 1.8                                   | 0.2                                   | 35.4                                 | 1.50      | 40.9      | 1.6      |
| KGKRC086 | 22.00     | 23.00   | 3207                                  | 6409                    | 648                                   | 2051                                  | 156                                   | 25.4                                  | 44.8                                  | 3.4                                   | 10.0                                  | 1.2                                   | 2.2                                   | 0.2                                   | 0.7                                   | 0.2                                   | 25.4                                 | 1.26      | 29.3      | 1.4      |
| KGKRC086 | 23.00     | 24.00   | 3397                                  | 6878                    | 700                                   | 2151                                  | 148                                   | 24.2                                  | 39.8                                  | 3.1                                   | 8.4                                   | 0.9                                   | 1.3                                   | 0.1                                   | 0.7                                   | 0.1                                   | 20.8                                 | 1.34      | 22.9      | 1.5      |
| KGKRC086 | 24.00     | 25.00   | 4346                                  | 9168                    | 979                                   | 3040                                  | 207                                   | 32.1                                  | 54.9                                  | 3.9                                   | 10.6                                  | 1.2                                   | 2.3                                   | 0.2                                   | 1.3                                   | 0.2                                   | 26.2                                 | 1.79      | 31.5      | 1.4      |
| KGKRC086 | 25.00     | 26.00   | 5431                                  | 11445                   | 1200                                  | 3662                                  | 235                                   | 34.6                                  | 57.2                                  | 3.7                                   | 9.0                                   | 1.0                                   | 1.7                                   | 0.2                                   | 1.0                                   | 0.1                                   | 22.4                                 | 2.21      | 28.4      | 1.4      |
| KGKRC086 | 26.00     | 27.00   | 3279                                  | 6519                    | 645                                   | 1979                                  | 129                                   | 21.7                                  | 34.5                                  | 2.5                                   | 5.9                                   | 0.6                                   | 1.0                                   | -0.1                                  | 0.6                                   | -0.1                                  | 15.2                                 | 1.26      | 16.1      | 1.4      |
| KGKRC086 | 27.00     | 28.00   | 3357                                  | 6767                    | 687                                   | 2126                                  | 143                                   | 23.5                                  | 35.2                                  | 2.5                                   | 6.1                                   | 0.7                                   | 1.6                                   | 0.1                                   | 0.5                                   | -0.1                                  | 15.0                                 | 1.32      | 17.0      | 1.3      |
| KGKRC086 | 28.00     | 29.00   | 2715                                  | 5338                    | 539                                   | 1645                                  | 113                                   | 17.7                                  | 31.1                                  | 2.0                                   | 4.5                                   | 0.5                                   | 1.0                                   | -0.1                                  | 0.2                                   | -0.1                                  | 13.2                                 | 1.04      | 14.3      | 1.4      |
| KGKRC086 | 29.00     | 30.00   | 2761                                  | 5377                    | 529                                   | 1623                                  | 109                                   | 17.6                                  | 29.2                                  | 2.2                                   | 5.2                                   | 0.6                                   | 1.3                                   | 0.1                                   | 0.5                                   | -0.1                                  | 14.0                                 | 1.05      | 13.8      | 1.3      |
| KGKRC086 | 30.00     | 31.00   | 3264                                  | 6591                    | 669                                   | 2051                                  | 139                                   | 21.1                                  | 36.1                                  | 2.4                                   | 7.0                                   | 0.7                                   | 1.4                                   | -0.1                                  | 0.4                                   | -0.1                                  | 14.5                                 | 1.28      | 16.5      | 1.4      |
| KGKRC086 | 31.00     | 32.00   | 3371                                  | 6788                    | 694                                   | 2140                                  | 147                                   | 22.4                                  | 38.2                                  | 2.5                                   | 7.0                                   | 0.8                                   | 1.7                                   | 0.3                                   | 1.2                                   | 0.1                                   | 18.0                                 | 1.32      | 17.5      | 1.0      |
| KGKRC086 | 32.00     | 33.00   | 8701                                  | 16447                   | 1649                                  | 4995                                  | 333                                   | 50.7                                  | 82.5                                  | 4.9                                   | 13.8                                  | 1.3                                   | 2.2                                   | 0.2                                   | 1.5                                   | 0.2                                   | 30.2                                 | 3.23      | 32.5      | 1.2      |
| KGKRC086 | 33.00     | 34.00   | 12313                                 | 22239                   | 2156                                  | 6319                                  | 391                                   | 58.1                                  | 93.7                                  | 6.4                                   | 14.7                                  | 1.5                                   | 1.9                                   | 0.2                                   | 1.0                                   | 0.2                                   | 31.0                                 | 4.36      | 42.1      | 0.9      |
| KGKRC086 | 34.00     | 35.00   | 12038                                 | 21702                   | 2125                                  | 6277                                  | 377                                   | 54.5                                  | 87.9                                  | 5.4                                   | 11.6                                  | 1.2                                   | 1.5                                   | 0.1                                   | 0.7                                   | -0.1                                  | 22.5                                 | 4.27      | 36.6      | 0.7      |
| KGKRC086 | 35.00     | 36.00   | 13070                                 | 23828                   | 2395                                  | 7368                                  | 470                                   | 70.9                                  | 114.8                                 | 7.4                                   | 15.6                                  | 1.6                                   | 2.5                                   | 0.2                                   | 0.9                                   | 0.1                                   | 34.2                                 | 4.74      | 46.6      | 1.2      |
| KGKRC086 | 36.00     | 37.00   | 16258                                 | 28815                   | 2858                                  | 8790                                  | 584                                   | 87.3                                  | 135.2                                 | 8.5                                   | 17.5                                  | 1.5                                   | 1.8                                   | 0.1                                   | 0.6                                   | -0.1                                  | 31.1                                 | 5.76      | 58.1      | 1.1      |
| KGKRC086 | 37.00     | 38.00   | 12665                                 | 23173                   | 2311                                  | 6841                                  | 438                                   | 65.9                                  | 105.4                                 | 6.4                                   | 14.7                                  | 1.4                                   | 1.8                                   | 0.2                                   | 1.3                                   | -0.1                                  | 29.5                                 | 4.57      | 48.6      | 1.4      |
| KGKRC086 | 38.00     | 39.00   | 7822                                  | 15023                   | 1547                                  | 4597                                  | 303                                   | 45.0                                  | 74.3                                  | 4.9                                   | 10.9                                  | 1.4                                   | 2.1                                   | 0.1                                   | 0.7                                   | 0.1                                   | 25.8                                 | 2.95      | 34.6      | 2.8      |
| KGKRC086 | 39.00     | 40.00   | 8995                                  | 16721                   | 1680                                  | 4964                                  | 337                                   | 51.3                                  | 78.9                                  | 5.2                                   | 12.5                                  | 1.3                                   | 2.1                                   | 0.2                                   | 1.4                                   | 0.1                                   | 28.1                                 | 3.29      | 37.9      | 1.9      |
| KGKRC086 | 40.00     | 41.00   | 6233                                  | 11848                   | 1171                                  | 3428                                  | 227                                   | 35.7                                  | 57.1                                  | 3.9                                   | 9.9                                   | 1.0                                   | 1.8                                   | 0.2                                   | 1.1                                   | 0.1                                   | 21.7                                 | 2.30      | 26.0      | 3.0      |
| KGKRC086 | 41.00     | 42.00   | 10622                                 | 20126                   | 2023                                  | 6137                                  | 425                                   | 67.6                                  | 113.3                                 | 8.0                                   | 20.8                                  | 2.2                                   | 3.1                                   | 0.3                                   | 1.9                                   | 0.2                                   | 45.5                                 | 3.96      | 77.6      | 1.6      |
| KGKRC086 | 42.00     | 43.00   | 9430                                  | 17390                   | 1700                                  | 4949                                  | 330                                   | 53.5                                  | 85.9                                  | 6.5                                   | 16.1                                  | 1.5                                   | 2.6                                   | 0.2                                   | 1.4                                   | 0.1                                   | 33.8                                 | 3.40      | 43.9      | 1.6      |
| KGKRC086 | 43.00     | 44.00   | 5472                                  | 10790                   | 1089                                  | 3265                                  | 210                                   | 32.1                                  | 54.9                                  | 3.4                                   | 9.3                                   | 0.8                                   | 1.5                                   | 0.2                                   | 0.7                                   | 0.1                                   | 18.0                                 | 2.09      | 22.2      | 2.1      |
| KGKRC086 | 44.00     | 45.00   | 19248                                 | 32211                   | 2953                                  | 8576                                  | 591                                   | 100.5                                 | 178.3                                 | 12.9                                  | 31.8                                  | 3.4                                   | 5.2                                   | 0.3                                   | 1.5                                   | 0.1                                   | 67.9                                 | 6.40      | 98.2      | 1.4      |
| KGKRC086 | 45.00     | 46.00   | 981                                   | 9817                    | 994                                   | 2921                                  | 190                                   | 28.6                                  | 47.8                                  | 3.2                                   | 8.5                                   | 0.9                                   | 1.6                                   | 0.2                                   | 1.0                                   | 0.1                                   | 19.2                                 | 1.90      | 21.9      | 1.2      |
| KGKRC086 | 46.00     | 47.00   | 4001                                  | 8200                    | 837                                   | 2558                                  | 162                                   | 23.9                                  | 38.0                                  | 2.5                                   | 6.0                                   | 0.7                                   | 1.0                                   | -0.1                                  | 0.9                                   | 0.1                                   | 14.7                                 | 1.58      | 16.5      | 1.5      |

| Hole ID  | From<br>m | To<br>m | La <sub>2</sub> O <sub>3</sub><br>ppm | CeO <sub>2</sub><br>ppm | Pr <sub>2</sub> O <sub>3</sub><br>ppm | Nd <sub>2</sub> O <sub>3</sub><br>ppm | Sm <sub>2</sub> O <sub>3</sub><br>ppm | Eu <sub>2</sub> O <sub>3</sub><br>ppm | Gd <sub>2</sub> O <sub>3</sub><br>ppm | Tb <sub>2</sub> O <sub>3</sub><br>ppm | Dy <sub>2</sub> O <sub>3</sub><br>ppm | Ho <sub>2</sub> O <sub>3</sub><br>ppm | Er <sub>2</sub> O <sub>3</sub><br>ppm | Tm <sub>2</sub> O <sub>3</sub><br>ppm | Yb <sub>2</sub> O <sub>3</sub><br>ppm | Lu <sub>2</sub> O <sub>3</sub><br>ppm | Y <sub>2</sub> O <sub>3</sub><br>ppm | TREO<br>% | Th<br>ppm | U<br>ppm |
|----------|-----------|---------|---------------------------------------|-------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|--------------------------------------|-----------|-----------|----------|
| KGKRC086 | 47.00     | 48.00   | 3899                                  | 8255                    | 862                                   | 2582                                  | 166                                   | 24.4                                  | 37.7                                  | 2.5                                   | 6.1                                   | 0.7                                   | 1.3                                   | 0.1                                   | 0.8                                   | -0.1                                  | 13.1                                 | 1.59      | 15.5      | 1.1      |
| KGKRC086 | 48.00     | 49.00   | 7988                                  | 15117                   | 1481                                  | 4217                                  | 258                                   | 37.9                                  | 59.5                                  | 4.0                                   | 9.6                                   | 0.9                                   | 1.5                                   | -0.1                                  | 1.0                                   | 0.1                                   | 17.8                                 | 2.92      | 24.4      | 0.8      |
| KGKRC086 | 49.00     | 50.00   | 3692                                  | 7457                    | 760                                   | 2324                                  | 154                                   | 24.1                                  | 40.7                                  | 2.7                                   | 7.7                                   | 0.9                                   | 1.6                                   | -0.1                                  | 1.1                                   | 0.1                                   | 19.2                                 | 1.45      | 24.8      | 1.7      |
| KGKRC086 | 50.00     | 51.00   | 3107                                  | 6243                    | 600                                   | 1812                                  | 113                                   | 16.9                                  | 30.0                                  | 2.2                                   | 6.9                                   | 0.7                                   | 1.4                                   | 0.2                                   | 1.0                                   | 0.1                                   | 17.1                                 | 1.20      | 13.8      | 0.8      |
| KGKRC086 | 51.00     | 52.00   | 3629                                  | 6927                    | 664                                   | 2006                                  | 132                                   | 21.4                                  | 37.4                                  | 2.8                                   | 6.9                                   | 0.8                                   | 1.5                                   | 0.1                                   | 1.4                                   | 0.1                                   | 19.6                                 | 1.35      | 17.4      | 1.1      |
| KGKRC086 | 52.00     | 53.00   | 4699                                  | 9872                    | 1046                                  | 3216                                  | 210                                   | 33.7                                  | 50.9                                  | 3.4                                   | 9.4                                   | 1.0                                   | 1.4                                   | 0.2                                   | 0.9                                   | 0.1                                   | 19.8                                 | 1.92      | 25.8      | 0.7      |
| KGKRC086 | 53.00     | 54.00   | 5110                                  | 10958                   | 1170                                  | 3661                                  | 257                                   | 38.9                                  | 60.7                                  | 3.8                                   | 8.6                                   | 1.0                                   | 1.5                                   | 0.2                                   | 0.5                                   | 0.1                                   | 18.2                                 | 2.13      | 28.0      | 2.3      |
| KGKRC086 | 54.00     | 55.00   | 3015                                  | 6494                    | 673                                   | 2112                                  | 138                                   | 20.8                                  | 34.0                                  | 2.1                                   | 4.8                                   | 0.6                                   | 1.0                                   | 0.1                                   | 0.8                                   | 0.1                                   | 13.0                                 | 1.25      | 13.9      | 3.5      |
| KGKRC086 | 55.00     | 56.00   | 6291                                  | 12497                   | 1288                                  | 3792                                  | 246                                   | 36.8                                  | 55.9                                  | 3.7                                   | 8.7                                   | 0.8                                   | 1.3                                   | 0.2                                   | 0.9                                   | 0.1                                   | 18.5                                 | 2.42      | 24.1      | 1.0      |
| KGKRC086 | 56.00     | 57.00   | 5181                                  | 10310                   | 1064                                  | 3180                                  | 218                                   | 31.7                                  | 48.5                                  | 3.3                                   | 7.6                                   | 0.7                                   | 1.5                                   | 0.1                                   | 0.8                                   | 0.1                                   | 16.4                                 | 2.01      | 23.7      | 1.3      |
| KGKRC086 | 57.00     | 58.00   | 7536                                  | 14557                   | 1481                                  | 4309                                  | 283                                   | 44.5                                  | 73.7                                  | 4.9                                   | 11.4                                  | 1.3                                   | 2.1                                   | 0.2                                   | 1.0                                   | 0.1                                   | 24.6                                 | 2.83      | 34.7      | 0.7      |
| KGKRC086 | 58.00     | 59.00   | 8896                                  | 18150                   | 1883                                  | 5801                                  | 358                                   | 51.8                                  | 83.4                                  | 5.4                                   | 11.5                                  | 1.3                                   | 2.2                                   | 0.2                                   | 1.0                                   | 0.2                                   | 25.9                                 | 3.53      | 34.1      | 1.9      |
| KGKRC086 | 59.00     | 60.00   | 4428                                  | 9178                    | 959                                   | 2915                                  | 201                                   | 29.1                                  | 47.4                                  | 3.1                                   | 7.7                                   | 0.7                                   | 1.4                                   | 0.2                                   | 0.9                                   | 0.2                                   | 17.9                                 | 1.78      | 21.4      | 3.2      |
| KGKRC086 | 60.00     | 61.00   | 9915                                  | 19855                   | 2044                                  | 6144                                  | 408                                   | 61.4                                  | 95.4                                  | 6.4                                   | 14.8                                  | 1.5                                   | 2.2                                   | 0.3                                   | 1.2                                   | 0.2                                   | 31.2                                 | 3.86      | 41.9      | 0.9      |
| KGKRC086 | 61.00     | 62.00   | 7598                                  | 15529                   | 1595                                  | 4744                                  | 308                                   | 46.7                                  | 72.9                                  | 4.8                                   | 12.5                                  | 1.2                                   | 1.3                                   | 0.1                                   | 0.6                                   | 0.1                                   | 22.2                                 | 2.99      | 33.7      | 1.0      |
| KGKRC086 | 62.00     | 63.00   | 6429                                  | 13037                   | 1380                                  | 4154                                  | 283                                   | 43.4                                  | 67.9                                  | 4.2                                   | 9.9                                   | 0.9                                   | 1.4                                   | 0.2                                   | 1.0                                   | 0.1                                   | 20.2                                 | 2.54      | 33.3      | 3.1      |
| KGKRC086 | 63.00     | 64.00   | 4288                                  | 8782                    | 902                                   | 2744                                  | 186                                   | 27.2                                  | 45.7                                  | 2.9                                   | 7.8                                   | 0.8                                   | 1.1                                   | 0.2                                   | 0.7                                   | -0.1                                  | 15.5                                 | 1.70      | 18.9      | 0.9      |
| KGKRC086 | 64.00     | 65.00   | 3695                                  | 7381                    | 737                                   | 2208                                  | 136                                   | 20.8                                  | 32.8                                  | 2.4                                   | 6.3                                   | 0.8                                   | 1.1                                   | 0.1                                   | 0.6                                   | -0.1                                  | 13.8                                 | 1.42      | 13.4      | 0.6      |
| KGKRC086 | 65.00     | 66.00   | 3640                                  | 7418                    | 747                                   | 2245                                  | 147                                   | 22.0                                  | 36.1                                  | 2.7                                   | 6.3                                   | 0.7                                   | 1.4                                   | 0.2                                   | 0.7                                   | -0.1                                  | 16.3                                 | 1.43      | 18.4      | 0.5      |
| KGKRC086 | 66.00     | 67.00   | 5128                                  | 10253                   | 1065                                  | 3210                                  | 218                                   | 33.4                                  | 53.0                                  | 3.3                                   | 8.5                                   | 0.9                                   | 1.1                                   | 0.1                                   | 0.9                                   | -0.1                                  | 16.1                                 | 2.00      | 22.6      | 0.8      |
| KGKRC086 | 67.00     | 68.00   | 5451                                  | 11101                   | 1135                                  | 3382                                  | 218                                   | 33.4                                  | 51.1                                  | 3.5                                   | 8.2                                   | 0.9                                   | 1.6                                   | 0.3                                   | 1.1                                   | 0.2                                   | 18.7                                 | 2.14      | 22.2      | 0.9      |
| KGKRC086 | 68.00     | 69.00   | 5044                                  | 10079                   | 1026                                  | 3062                                  | 204                                   | 29.5                                  | 46.7                                  | 2.9                                   | 6.4                                   | 0.7                                   | 1.3                                   | 0.2                                   | 0.7                                   | 0.1                                   | 15.1                                 | 1.95      | 20.5      | 0.9      |
| KGKRC086 | 69.00     | 70.00   | 5821                                  | 11820                   | 1221                                  | 3634                                  | 231                                   | 33.6                                  | 52.4                                  | 3.3                                   | 7.5                                   | 0.9                                   | 1.3                                   | 0.1                                   | 0.8                                   | 0.1                                   | 16.8                                 | 2.28      | 23.0      | 1.9      |
| KGKRC086 | 70.00     | 71.00   | 6004                                  | 12316                   | 1270                                  | 3775                                  | 243                                   | 34.3                                  | 56.2                                  | 3.4                                   | 7.1                                   | 0.8                                   | 1.3                                   | 0.2                                   | 0.7                                   | -0.1                                  | 16.5                                 | 2.37      | 22.0      | 1.0      |
| KGKRC086 | 71.00     | 72.00   | 7662                                  | 13963                   | 1340                                  | 3798                                  | 260                                   | 43.2                                  | 72.2                                  | 5.4                                   | 13.8                                  | 1.6                                   | 3.2                                   | 0.5                                   | 1.8                                   | 0.2                                   | 41.0                                 | 2.72      | 42.6      | 2.3      |
| KGKRC086 | 72.00     | 73.00   | 8042                                  | 15502                   | 1510                                  | 4366                                  | 293                                   | 45.0                                  | 69.6                                  | 4.9                                   | 11.8                                  | 1.4                                   | 2.4                                   | 0.3                                   | 1.9                                   | 0.2                                   | 32.3                                 | 2.99      | 41.8      | 1.9      |
| KGKRC086 | 73.00     | 74.00   | 4426                                  | 8740                    | 887                                   | 2675                                  | 179                                   | 27.7                                  | 43.2                                  | 2.7                                   | 6.1                                   | 0.7                                   | 1.4                                   | 0.2                                   | 0.9                                   | 0.1                                   | 14.2                                 | 1.70      | 17.9      | 0.8      |
| KGKRC086 | 74.00     | 75.00   | 4218                                  | 8508                    | 871                                   | 2606                                  | 182                                   | 27.2                                  | 41.2                                  | 2.7                                   | 5.4                                   | 0.6                                   | 1.0                                   | 0.1                                   | 0.5                                   | -0.1                                  | 12.6                                 | 1.65      | 17.0      | 0.6      |
| KGKRC086 | 75.00     | 76.00   | 4041                                  | 8146                    | 814                                   | 2447                                  | 169                                   | 26.6                                  | 39.7                                  | 2.6                                   | 6.0                                   | 0.6                                   | 1.4                                   | 0.2                                   | 0.9                                   | 0.1                                   | 13.3                                 | 1.57      | 17.6      | 2.8      |
| KGKRC086 | 76.00     | 77.00   | 15143                                 | 27000                   | 2637                                  | 7854                                  | 551                                   | 89.9                                  | 139.1                                 | 9.6                                   | 22.0                                  | 2.4                                   | 3.1                                   | 0.5                                   | 1.9                                   | 0.2                                   | 53.0                                 | 5.35      | 68.3      | 1.3      |
| KGKRC086 | 77.00     | 78.00   | 13515                                 | 24574                   | 2419                                  | 7149                                  | 484                                   | 77.4                                  | 123.3                                 | 8.6                                   | 20.3                                  | 2.3                                   | 3.5                                   | 0.5                                   | 1.9                                   | 0.2                                   | 48.8                                 | 4.84      | 55.3      | 1.4      |
| KGKRC086 | 78.00     | 79.00   | 18309                                 | 32049                   | 3043                                  | 8744                                  | 579                                   | 91.7                                  | 146.2                                 | 10.5                                  | 24.8                                  | 2.5                                   | 4.0                                   | 0.3                                   | 1.3                                   | 0.2                                   | 55.9                                 | 6.31      | 66.7      | 2.1      |
| KGKRC086 | 79.00     | 80.00   | 11846                                 | 20397                   | 1941                                  | 5672                                  | 376                                   | 57.7                                  | 96.9                                  | 6.8                                   | 16.6                                  | 1.7                                   | 2.7                                   | 0.2                                   | 1.1                                   | 0.1                                   | 37.2                                 | 4.05      | 42.2      | 1.4      |
| KGKRC086 | 80.00     | 81.00   | 9296                                  | 15351                   | 1411                                  | 3886                                  | 263                                   | 43.3                                  | 67.7                                  | 4.9                                   | 10.6                                  | 1.3                                   | 1.8                                   | 0.2                                   | 1.2                                   | 0.1                                   | 26.2                                 | 3.04      | 33.5      | 2.2      |
| KGKRC086 | 81.00     | 82.00   | 22227                                 | 37464                   | 3440                                  | 9754                                  | 634                                   | 104.1                                 | 171.4                                 | 12.8                                  | 31.8                                  | 3.4                                   | 5.7                                   | 0.6                                   | 2.7                                   | 0.5                                   | 77.8                                 | 7.39      | 88.6      | 3.6      |
| KGKRC086 | 82.00     | 83.00   | 20867                                 | 39675                   | 3964                                  | 11974                                 | 830                                   | 127.4                                 | 201.1                                 | 13.1                                  | 28.2                                  | 3.0                                   | 5.3                                   | 0.6                                   | 3.1                                   | 0.5                                   | 69.1                                 | 7.78      | 96.2      | 2.2      |
| KGKRC086 | 83.00     | 84.00   | 11593                                 | 22398                   | 2215                                  | 6396                                  | 394                                   | 59.2                                  | 89.7                                  | 5.9                                   | 13.7                                  | 1.5                                   | 2.3                                   | 0.2                                   | 1.6                                   | 0.2                                   | 29.2                                 | 4.32      | 44.1      | 1.6      |
| KGKRC086 | 84.00     | 85.00   | 8107                                  | 15242                   | 1517                                  | 4484                                  | 331                                   | 53.0                                  | 81.8                                  | 5.2                                   | 12.4                                  | 1.3                                   | 1.8                                   | 0.2                                   | 1.0                                   | 0.1                                   | 28.1                                 | 2.99      | 36.5      | 1.5      |
| KGKRC086 | 85.00     | 86.00   | 9411                                  | 17300                   | 1718                                  | 5274                                  | 370                                   | 57.8                                  | 91.5                                  | 6.0                                   | 12.7                                  | 1.3                                   | 2.1                                   | 0.2                                   | 0.8                                   | 0.1                                   | 28.8                                 | 3.43      | 43.0      | 1.2      |
| KGKRC086 | 86.00     | 87.00   | 10564                                 | 18456                   | 1777                                  | 5305                                  | 359                                   | 57.8                                  | 95.3                                  | 6.2                                   | 14.1                                  | 1.3                                   | 2.3                                   | 0.2                                   | 0.8                                   | 0.1                                   | 29.7                                 | 3.67      | 40.8      | 2.0      |
| KGKRC086 | 87.00     | 88.00   | 6206                                  | 11424                   | 1132                                  | 3403                                  | 257                                   | 45.7                                  | 83.9                                  | 7.2                                   | 25.3                                  | 3.3                                   | 6.2                                   | 0.6                                   | 2.9                                   | 0.5                                   | 72.9                                 | 2.27      | 37.0      | 2.9      |
| KGKRC086 | 88.00     | 89.00   | 14463                                 | 26531                   | 2615                                  | 7988                                  | 586                                   | 93.9                                  | 155.7                                 | 11.5                                  | 32.8                                  | 4.1                                   | 7.7                                   | 0.8                                   | 4.4                                   | 0.6                                   | 98.9                                 | 5.26      | 83.8      | 3.6      |
| KGKRC086 | 89.00     | 90.00   | 13565                                 | 24758                   | 2485                                  | 7457                                  | 550                                   | 86.0                                  | 133.9                                 | 8.9                                   | 22.4                                  | 2.3                                   | 4.0                                   | 0.6                                   | 2.4                                   | 0.3                                   | 54.5                                 | 4.91      | 77.4      | 1.7      |
| KGKRC086 | 90.00     | 91.00   | 12841                                 | 22826                   | 2194                                  | 6561                                  | 456                                   | 72.5                                  | 112.1                                 | 7.2                                   | 15.8                                  | 1.6                                   | 2.7                                   | 0.3                                   | 1.4                                   | 0.2                                   | 35.4                                 | 4.51      | 53.6      | 2.6      |
| KGKRC086 | 92.00     | 93.00   | 14098                                 | 25225                   | 2489                                  | 7276                                  | 505                                   | 78.4                                  | 123.7                                 | 7.9                                   | 15.4                                  | 1.5                                   | 2.3                                   | 0.3                                   | 1.2                                   | 0.1                                   | 30.2                                 | 4.99      | 55.4      | 1.3      |

| Hole ID  | From<br>m | To<br>m | La <sub>2</sub> O <sub>3</sub><br>ppm | CeO <sub>2</sub><br>ppm | Pr <sub>2</sub> O <sub>3</sub><br>ppm | Nd <sub>2</sub> O <sub>3</sub><br>ppm | Sm <sub>2</sub> O <sub>3</sub><br>ppm | Eu <sub>2</sub> O <sub>3</sub><br>ppm | Gd <sub>2</sub> O <sub>3</sub><br>ppm | Tb <sub>2</sub> O <sub>3</sub><br>ppm | Dy <sub>2</sub> O <sub>3</sub><br>ppm | Ho <sub>2</sub> O <sub>3</sub><br>ppm | Er <sub>2</sub> O <sub>3</sub><br>ppm | Tm <sub>2</sub> O <sub>3</sub><br>ppm | Yb <sub>2</sub> O <sub>3</sub><br>ppm | Lu <sub>2</sub> O <sub>3</sub><br>ppm | Y <sub>2</sub> O <sub>3</sub><br>ppm | TREO<br>% | Th<br>ppm | U<br>ppm |
|----------|-----------|---------|---------------------------------------|-------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|--------------------------------------|-----------|-----------|----------|
| KGKRC086 | 93.00     | 94.00   | 16972                                 | 34708                   | 3695                                  | 11505                                 | 813                                   | 123.9                                 | 185.1                                 | 10.4                                  | 20.2                                  | 2.2                                   | 2.4                                   | 0.2                                   | 1.7                                   | 0.1                                   | 40.5                                 | 6.81      | 82.7      | 1.2      |
| KGKRC086 | 94.00     | 95.00   | 23022                                 | 47786                   | 5294                                  | 16642                                 | 1245                                  | 187.0                                 | 280.9                                 | 16.0                                  | 31.0                                  | 3.2                                   | 3.3                                   | 0.3                                   | 1.2                                   | 0.1                                   | 52.5                                 | 9.46      | 126.7     | 1.0      |
| KGKRC086 | 95.00     | 96.00   | 22539                                 | 45431                   | 4744                                  | 14624                                 | 1062                                  | 163.6                                 | 241.2                                 | 15.3                                  | 29.0                                  | 2.8                                   | 3.3                                   | 0.3                                   | 1.0                                   | 0.1                                   | 51.2                                 | 8.89      | 109.7     | 1.3      |
| KGKRC086 | 96.00     | 97.00   | 24977                                 | 47632                   | 4942                                  | 15004                                 | 1101                                  | 170.3                                 | 259.8                                 | 15.9                                  | 32.4                                  | 3.0                                   | 4.0                                   | 0.5                                   | 1.5                                   | 0.2                                   | 58.2                                 | 9.42      | 113.6     | 1.4      |
| KGKRC086 | 97.00     | 98.00   | 18430                                 | 34737                   | 3427                                  | 10349                                 | 719                                   | 111.3                                 | 171.6                                 | 10.6                                  | 23.4                                  | 2.8                                   | 4.2                                   | 0.5                                   | 2.0                                   | 0.2                                   | 52.8                                 | 6.80      | 78.0      | 3.6      |
| KGKRC086 | 98.00     | 99.00   | 11943                                 | 21549                   | 2091                                  | 6263                                  | 425                                   | 64.4                                  | 99.7                                  | 7.1                                   | 16.2                                  | 1.6                                   | 2.6                                   | 0.3                                   | 1.4                                   | 0.2                                   | 35.7                                 | 4.25      | 43.7      | 1.6      |
| KGKRC086 | 99.00     | 100.00  | 12292                                 | 23071                   | 2335                                  | 7035                                  | 471                                   | 72.5                                  | 106.1                                 | 7.3                                   | 16.9                                  | 1.8                                   | 3.0                                   | 0.3                                   | 1.5                                   | 0.2                                   | 31.4                                 | 4.54      | 47.7      | 1.5      |
| KGKRC086 | 100.00    | 101.00  | 17791                                 | 32892                   | 3382                                  | 10249                                 | 732                                   | 112.4                                 | 173.9                                 | 10.4                                  | 20.4                                  | 2.3                                   | 3.0                                   | 0.3                                   | 1.0                                   | 0.2                                   | 42.8                                 | 6.54      | 73.8      | 1.2      |
| KGKRC086 | 101.00    | 102.00  | 11596                                 | 20884                   | 2045                                  | 6067                                  | 427                                   | 65.5                                  | 101.8                                 | 6.6                                   | 14.6                                  | 1.6                                   | 1.9                                   | 0.2                                   | 0.6                                   | 0.1                                   | 28.7                                 | 4.12      | 43.1      | 0.9      |
| KGKRC086 | 102.00    | 103.00  | 11684                                 | 18356                   | 1642                                  | 4458                                  | 328                                   | 55.6                                  | 97.0                                  | 6.5                                   | 15.8                                  | 1.5                                   | 2.1                                   | -0.1                                  | 1.6                                   | 0.1                                   | 32.5                                 | 3.67      | 52.8      | 0.9      |
| KGKRC086 | 103.00    | 104.00  | 16875                                 | 26772                   | 2465                                  | 6867                                  | 440                                   | 74.0                                  | 121.2                                 | 8.7                                   | 19.6                                  | 1.8                                   | 2.7                                   | 0.2                                   | 1.3                                   | 0.1                                   | 39.2                                 | 5.37      | 64.5      | 1.6      |
| KGKRC086 | 104.00    | 105.00  | 9339                                  | 17609                   | 1714                                  | 4852                                  | 310                                   | 48.9                                  | 75.7                                  | 5.1                                   | 11.5                                  | 1.3                                   | 2.2                                   | 0.3                                   | 1.1                                   | 0.1                                   | 29.0                                 | 3.40      | 37.5      | 2.4      |
| KGKRC086 | 105.00    | 106.00  | 10470                                 | 19271                   | 1908                                  | 5646                                  | 387                                   | 61.4                                  | 102.6                                 | 6.8                                   | 16.8                                  | 2.0                                   | 3.5                                   | 0.3                                   | 2.1                                   | 0.3                                   | 45.2                                 | 3.79      | 52.2      | 3.4      |
| KGKRC086 | 106.00    | 107.00  | 14107                                 | 25234                   | 2465                                  | 7176                                  | 492                                   | 77.7                                  | 119.9                                 | 7.8                                   | 15.4                                  | 1.3                                   | 1.7                                   | 0.2                                   | 0.6                                   | -0.1                                  | 26.9                                 | 4.97      | 51.9      | 1.7      |
| KGKRC086 | 107.00    | 108.00  | 12916                                 | 24051                   | 2331                                  | 6923                                  | 489                                   | 80.0                                  | 130.7                                 | 8.9                                   | 19.4                                  | 2.1                                   | 2.9                                   | 0.3                                   | 0.9                                   | 0.1                                   | 37.8                                 | 4.70      | 78.4      | 1.2      |
| KGKRC086 | 108.00    | 109.00  | 9202                                  | 16385                   | 1551                                  | 4412                                  | 299                                   | 47.6                                  | 76.0                                  | 5.4                                   | 11.4                                  | 1.3                                   | 1.9                                   | 0.1                                   | 0.8                                   | 0.1                                   | 26.3                                 | 3.20      | 39.9      | 1.5      |
| KGKRC086 | 109.00    | 110.00  | 6107                                  | 12524                   | 1333                                  | 4061                                  | 284                                   | 43.8                                  | 65.2                                  | 4.0                                   | 9.0                                   | 0.9                                   | 1.8                                   | 0.2                                   | 1.3                                   | 0.2                                   | 21.2                                 | 2.45      | 30.2      | 2.6      |
| KGKRC086 | 110.00    | 111.00  | 5916                                  | 11680                   | 1215                                  | 3607                                  | 249                                   | 37.8                                  | 56.2                                  | 3.3                                   | 7.8                                   | 1.0                                   | 1.7                                   | 0.2                                   | 1.0                                   | 0.1                                   | 18.9                                 | 2.28      | 23.1      | 3.4      |
| KGKRC086 | 111.00    | 112.00  | 5034                                  | 10228                   | 1089                                  | 3273                                  | 225                                   | 33.9                                  | 51.3                                  | 3.1                                   | 6.9                                   | 0.9                                   | 1.5                                   | 0.2                                   | 1.3                                   | 0.1                                   | 18.0                                 | 2.00      | 20.9      | 4.0      |
| KGKRC086 | 112.00    | 113.00  | NS                                    | NS                      | NS                                    | NS                                    | NS                                    | NS                                    | NS                                    | NS                                    | NS                                    | NS                                    | NS                                    | NS                                    | NS                                    | NS                                    | NS                                   | NS        | NS        | NS       |
| KGKRC086 | 113.00    | 114.00  | NS                                    | NS                      | NS                                    | NS                                    | NS                                    | NS                                    | NS                                    | NS                                    | NS                                    | NS                                    | NS                                    | NS                                    | NS                                    | NS                                    | NS                                   | NS        | NS        | NS       |
| KGKRC086 | 114.00    | 115.00  | NS                                    | NS                      | NS                                    | NS                                    | NS                                    | NS                                    | NS                                    | NS                                    | NS                                    | NS                                    | NS                                    | NS                                    | NS                                    | NS                                    | NS                                   | NS        | NS        | NS       |
| KGKRC086 | 115.00    | 116.00  | NS                                    | NS                      | NS                                    | NS                                    | NS                                    | NS                                    | NS                                    | NS                                    | NS                                    | NS                                    | NS                                    | NS                                    | NS                                    | NS                                    | NS                                   | NS        | NS        | NS       |
| KGKRC086 | 116.00    | 117.00  | 15816                                 | 32178                   | 3372                                  | 10253                                 | 719                                   | 108.6                                 | 163.5                                 | 10.5                                  | 23.0                                  | 2.2                                   | 4.1                                   | 0.3                                   | 2.2                                   | 0.3                                   | 48.4                                 | 6.27      | 70.6      | 5.5      |
| KGKRC086 | 117.00    | 118.00  | 11548                                 | 23555                   | 2491                                  | 7715                                  | 522                                   | 77.8                                  | 114.9                                 | 6.6                                   | 14.5                                  | 1.6                                   | 2.7                                   | 0.2                                   | 1.5                                   | 0.2                                   | 33.3                                 | 4.61      | 44.5      | 8.0      |
| KGKRC086 | 118.00    | 119.00  | 7442                                  | 14197                   | 1452                                  | 4246                                  | 274                                   | 41.0                                  | 64.0                                  | 3.9                                   | 8.5                                   | 0.9                                   | 1.8                                   | 0.2                                   | 1.1                                   | 0.2                                   | 20.7                                 | 2.78      | 27.3      | 4.7      |
| KGKRC086 | 119.00    | 120.00  | 11314                                 | 23772                   | 2475                                  | 7673                                  | 517                                   | 77.8                                  | 112.2                                 | 6.6                                   | 14.0                                  | 1.5                                   | 1.8                                   | 0.1                                   | 0.9                                   | 0.2                                   | 26.2                                 | 4.60      | 42.6      | 2.7      |
| KGKRC086 | 120.00    | 121.00  | 5167                                  | 10468                   | 1082                                  | 3190                                  | 217                                   | 31.8                                  | 51.2                                  | 3.1                                   | 7.7                                   | 0.8                                   | 1.4                                   | 0.2                                   | 1.3                                   | 0.2                                   | 18.5                                 | 2.02      | 28.8      | 7.2      |
| KGKRC086 | 121.00    | 122.00  | 49020                                 | 91072                   | 8759                                  | 25970                                 | 1762                                  | 288.8                                 | 476.4                                 | 32.0                                  | 76.3                                  | 6.5                                   | 9.3                                   | 0.8                                   | 2.8                                   | 0.6                                   | 129.4                                | 17.76     | 286.4     | 3.3      |
| KGKRC086 | 122.00    | 123.00  | 34832                                 | 65176                   | 6382                                  | 18642                                 | 1289                                  | 210.6                                 | 353.8                                 | 24.0                                  | 54.2                                  | 4.9                                   | 7.1                                   | 0.5                                   | 3.1                                   | 0.3                                   | 95.6                                 | 12.71     | 220.8     | 3.7      |
| KGKRC086 | 123.00    | 124.00  | 5614                                  | 11016                   | 1145                                  | 3429                                  | 251                                   | 40.1                                  | 63.2                                  | 4.5                                   | 9.3                                   | 1.0                                   | 1.7                                   | 0.2                                   | 1.0                                   | 0.2                                   | 23.8                                 | 2.16      | 32.5      | 3.4      |
| KGKRC086 | 124.00    | 125.00  | 7810                                  | 15708                   | 1608                                  | 4884                                  | 341                                   | 52.8                                  | 81.4                                  | 4.9                                   | 11.6                                  | 1.2                                   | 2.3                                   | 0.2                                   | 1.3                                   | 0.2                                   | 24.4                                 | 3.05      | 38.3      | 3.0      |
| KGKRC086 | 125.00    | 126.00  | 15172                                 | 32076                   | 3434                                  | 10438                                 | 718                                   | 106.3                                 | 165.5                                 | 9.5                                   | 20.2                                  | 2.1                                   | 3.3                                   | 0.2                                   | 2.3                                   | 0.3                                   | 40.1                                 | 6.22      | 70.5      | 4.1      |
| KGKRC086 | 126.00    | 127.00  | 12916                                 | 25885                   | 2672                                  | 8101                                  | 543                                   | 81.5                                  | 128.1                                 | 7.7                                   | 17.6                                  | 1.7                                   | 2.9                                   | 0.3                                   | 1.3                                   | 0.2                                   | 36.2                                 | 5.04      | 62.7      | 4.5      |
| KGKRC086 | 127.00    | 128.00  | 14935                                 | 29640                   | 3019                                  | 9239                                  | 647                                   | 98.0                                  | 158.3                                 | 10.0                                  | 22.0                                  | 2.3                                   | 3.3                                   | 0.3                                   | 2.1                                   | 0.2                                   | 46.2                                 | 5.78      | 76.9      | 5.7      |
| KGKRC086 | 128.00    | 129.00  | 14041                                 | 28228                   | 2889                                  | 8922                                  | 620                                   | 95.5                                  | 149.3                                 | 9.3                                   | 22.8                                  | 2.3                                   | 3.3                                   | 0.5                                   | 1.7                                   | 0.2                                   | 46.4                                 | 5.50      | 72.0      | 6.7      |
| KGKRC086 | 129.00    | 130.00  | 9468                                  | 19054                   | 1988                                  | 6297                                  | 444                                   | 69.0                                  | 107.1                                 | 6.4                                   | 14.9                                  | 1.4                                   | 2.4                                   | 0.1                                   | 1.4                                   | 0.2                                   | 28.7                                 | 3.75      | 48.9      | 4.1      |
| KGKRC086 | 130.00    | 131.00  | 5600                                  | 12010                   | 1279                                  | 3994                                  | 288                                   | 42.6                                  | 63.7                                  | 4.0                                   | 9.4                                   | 1.2                                   | 1.8                                   | 0.2                                   | 1.3                                   | 0.2                                   | 19.8                                 | 2.33      | 28.6      | 3.3      |
| KGKRC086 | 131.00    | 132.00  | 7937                                  | 16354                   | 1672                                  | 4946                                  | 331                                   | 51.6                                  | 78.3                                  | 4.8                                   | 10.6                                  | 1.2                                   | 1.7                                   | 0.1                                   | 1.3                                   | 0.2                                   | 23.9                                 | 3.14      | 35.8      | 2.2      |
| KGKRC086 | 132.00    | 133.00  | 5193                                  | 10775                   | 1127                                  | 3305                                  | 223                                   | 33.9                                  | 51.6                                  | 3.4                                   | 8.8                                   | 0.9                                   | 2.1                                   | 0.1                                   | 1.2                                   | 0.1                                   | 20.2                                 | 2.07      | 24.2      | 2.4      |
| KGKRC086 | 133.00    | 134.00  | 3705                                  | 7806                    | 812                                   | 2513                                  | 171                                   | 26.1                                  | 40.4                                  | 2.5                                   | 5.7                                   | 0.6                                   | 1.1                                   | -0.1                                  | 1.0                                   | 0.1                                   | 13.7                                 | 1.51      | 16.1      | 2.4      |
| KGKRC086 | 134.00    | 135.00  | 6580                                  | 13750                   | 1426                                  | 4121                                  | 264                                   | 39.7                                  | 64.7                                  | 4.2                                   | 9.9                                   | 1.0                                   | 1.6                                   | 0.1                                   | 0.7                                   | 0.2                                   | 21.0                                 | 2.63      | 40.3      | 1.9      |
| KGKRC086 | 135.00    | 136.00  | 6204                                  | 12831                   | 1345                                  | 4020                                  | 274                                   | 42.0                                  | 64.2                                  | 4.2                                   | 8.5                                   | 0.9                                   | 1.6                                   | 0.2                                   | 1.0                                   | 0.2                                   | 20.6                                 | 2.48      | 29.4      | 2.5      |
| KGKRC086 | 136.00    | 137.00  | 20633                                 | 42036                   | 4287                                  | 12916                                 | 827                                   | 122.9                                 | 185.3                                 | 11.4                                  | 24.7                                  | 2.2                                   | 3.1                                   | 0.2                                   | 0.9                                   | 0.1                                   | 42.7                                 | 8.11      | 86.2      | 2.1      |
| KGKRC086 | 137.00    | 138.00  | 7393                                  | 14996                   | 1530                                  | 4522                                  | 293                                   | 44.4                                  | 70.8                                  | 4.5                                   | 11.3                                  | 1.2                                   | 1.7                                   | 0.2                                   | 1.2                                   | 0.1                                   | 24.0                                 | 2.89      | 36.1      | 2.9      |

| Hole ID  | From<br>m | To<br>m | La <sub>2</sub> O <sub>3</sub><br>ppm | CeO <sub>2</sub><br>ppm | Pr <sub>2</sub> O <sub>3</sub><br>ppm | Nd <sub>2</sub> O <sub>3</sub><br>ppm | Sm <sub>2</sub> O <sub>3</sub><br>ppm | Eu <sub>2</sub> O <sub>3</sub><br>ppm | Gd <sub>2</sub> O <sub>3</sub><br>ppm | Tb <sub>2</sub> O <sub>3</sub><br>ppm | Dy <sub>2</sub> O <sub>3</sub><br>ppm | Ho <sub>2</sub> O <sub>3</sub><br>ppm | Er <sub>2</sub> O <sub>3</sub><br>ppm | Tm <sub>2</sub> O <sub>3</sub><br>ppm | Yb <sub>2</sub> O <sub>3</sub><br>ppm | Lu <sub>2</sub> O <sub>3</sub><br>ppm | Y <sub>2</sub> O <sub>3</sub><br>ppm | TREO<br>% | Th<br>ppm | U<br>ppm |
|----------|-----------|---------|---------------------------------------|-------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|--------------------------------------|-----------|-----------|----------|
| KGKRC086 | 138.00    | 139.00  | 5842                                  | 11736                   | 1183                                  | 3451                                  | 238                                   | 35.4                                  | 56.5                                  | 3.7                                   | 9.2                                   | 1.0                                   | 1.5                                   | 0.1                                   | 0.9                                   | 0.2                                   | 19.8                                 | 2.26      | 28.4      | 3.8      |
| KGKRC086 | 139.00    | 140.00  | 8205                                  | 15235                   | 1487                                  | 4203                                  | 290                                   | 44.1                                  | 67.7                                  | 4.7                                   | 11.8                                  | 1.4                                   | 2.2                                   | 0.2                                   | 1.0                                   | 0.1                                   | 25.9                                 | 2.96      | 37.6      | 2.7      |
| KGKRC086 | 140.00    | 141.00  | 5905                                  | 11524                   | 1128                                  | 3284                                  | 226                                   | 35.1                                  | 56.0                                  | 3.7                                   | 9.6                                   | 0.9                                   | 1.6                                   | 0.1                                   | 0.9                                   | 0.1                                   | 21.5                                 | 2.22      | 30.1      | 3.4      |
| KGKRC086 | 141.00    | 142.00  | 4908                                  | 9556                    | 975                                   | 2908                                  | 204                                   | 32.0                                  | 48.2                                  | 3.3                                   | 7.7                                   | 0.8                                   | 1.4                                   | 0.1                                   | 1.0                                   | 0.1                                   | 15.4                                 | 1.87      | 22.5      | 3.1      |
| KGKRC086 | 142.00    | 143.00  | 6360                                  | 11990                   | 1220                                  | 3560                                  | 240                                   | 38.8                                  | 60.3                                  | 4.2                                   | 9.9                                   | 1.2                                   | 1.7                                   | 0.2                                   | 0.9                                   | 0.1                                   | 20.5                                 | 2.35      | 30.5      | 2.8      |
| KGKRC086 | 143.00    | 144.00  | 11743                                 | 21200                   | 2032                                  | 5883                                  | 424                                   | 71.3                                  | 120.2                                 | 8.0                                   | 19.6                                  | 1.7                                   | 2.7                                   | 0.2                                   | 0.9                                   | 0.1                                   | 34.8                                 | 4.15      | 68.6      | 1.5      |
| KGKRC086 | 144.00    | 145.00  | 3945                                  | 7975                    | 827                                   | 2556                                  | 183                                   | 27.9                                  | 44.8                                  | 2.6                                   | 5.7                                   | 0.7                                   | 1.3                                   | -0.1                                  | 0.6                                   | 0.1                                   | 13.8                                 | 1.56      | 19.7      | 4.3      |
| KGKRC086 | 145.00    | 146.00  | 6571                                  | 12983                   | 1320                                  | 3864                                  | 254                                   | 39.4                                  | 57.7                                  | 3.8                                   | 8.7                                   | 0.9                                   | 1.7                                   | 0.2                                   | 0.9                                   | 0.1                                   | 18.9                                 | 2.51      | 26.5      | 1.5      |
| KGKRC086 | 146.00    | 147.00  | 16324                                 | 32399                   | 3229                                  | 9713                                  | 604                                   | 88.9                                  | 137.8                                 | 8.8                                   | 18.7                                  | 1.7                                   | 2.4                                   | 0.2                                   | 1.3                                   | 0.2                                   | 33.0                                 | 6.26      | 60.8      | 0.9      |
| KGKRC086 | 147.00    | 148.00  | 9886                                  | 19699                   | 2018                                  | 6033                                  | 386                                   | 58.4                                  | 90.0                                  | 5.4                                   | 11.5                                  | 1.4                                   | 2.1                                   | 0.2                                   | 1.0                                   | 0.2                                   | 25.7                                 | 3.82      | 38.4      | 1.0      |
| KGKRC086 | 148.00    | 149.00  | 5342                                  | 10978                   | 1142                                  | 3359                                  | 228                                   | 34.2                                  | 51.3                                  | 3.3                                   | 7.4                                   | 0.7                                   | 1.4                                   | 0.1                                   | 0.7                                   | 0.2                                   | 17.1                                 | 2.12      | 22.5      | 3.2      |
| KGKRC086 | 149.00    | 150.00  | 6487                                  | 12282                   | 1219                                  | 3452                                  | 232                                   | 35.9                                  | 56.5                                  | 3.8                                   | 8.3                                   | 0.9                                   | 1.5                                   | 0.1                                   | 0.5                                   | 0.1                                   | 20.2                                 | 2.38      | 26.3      | 1.4      |
| KGKRC087 | 0.00      | 1.00    | 4128                                  | 8530                    | 880                                   | 2654                                  | 186                                   | 28.1                                  | 44.0                                  | 2.8                                   | 5.9                                   | 0.7                                   | 1.3                                   | -0.1                                  | 0.4                                   | -0.1                                  | 14.4                                 | 1.65      | 20.3      | 0.6      |
| KGKRC087 | 1.00      | 2.00    | 8220                                  | 16279                   | 1643                                  | 4899                                  | 338                                   | 54.5                                  | 84.4                                  | 5.2                                   | 13.3                                  | 1.3                                   | 2.1                                   | 0.2                                   | 1.2                                   | 0.1                                   | 27.7                                 | 3.16      | 46.4      | 6.7      |
| KGKRC087 | 2.00      | 3.00    | 21041                                 | 38985                   | 3781                                  | 11042                                 | 704                                   | 110.0                                 | 171.7                                 | 11.3                                  | 24.6                                  | 2.3                                   | 3.2                                   | 0.3                                   | 1.8                                   | 0.2                                   | 45.3                                 | 7.59      | 79.4      | 0.8      |
| KGKRC087 | 3.00      | 4.00    | 8787                                  | 17407                   | 1736                                  | 5179                                  | 337                                   | 51.6                                  | 76.0                                  | 5.1                                   | 10.8                                  | 1.2                                   | 1.6                                   | 0.2                                   | 1.2                                   | 0.2                                   | 24.0                                 | 3.36      | 35.7      | 4.6      |
| KGKRC087 | 4.00      | 5.00    | 3131                                  | 6249                    | 627                                   | 1877                                  | 129                                   | 19.6                                  | 33.6                                  | 2.5                                   | 6.5                                   | 0.8                                   | 1.7                                   | 0.1                                   | 1.1                                   | 0.2                                   | 16.8                                 | 1.21      | 15.1      | 3.2      |
| KGKRC087 | 5.00      | 6.00    | 3810                                  | 7827                    | 780                                   | 2350                                  | 158                                   | 23.6                                  | 38.0                                  | 2.5                                   | 6.2                                   | 0.8                                   | 1.1                                   | 0.2                                   | 0.9                                   | 0.1                                   | 14.7                                 | 1.50      | 19.4      | 4.7      |
| KGKRC087 | 6.00      | 7.00    | 4489                                  | 8940                    | 874                                   | 2645                                  | 182                                   | 27.3                                  | 43.3                                  | 3.2                                   | 9.1                                   | 0.9                                   | 1.8                                   | 0.2                                   | 1.2                                   | 0.2                                   | 20.5                                 | 1.72      | 22.3      | 2.3      |
| KGKRC087 | 7.00      | 8.00    | 8748                                  | 15780                   | 1507                                  | 4189                                  | 275                                   | 41.2                                  | 65.5                                  | 4.5                                   | 10.7                                  | 1.2                                   | 1.9                                   | 0.2                                   | 1.2                                   | 0.2                                   | 22.9                                 | 3.06      | 37.9      | 5.0      |
| KGKRC087 | 8.00      | 9.00    | 4503                                  | 9089                    | 916                                   | 2708                                  | 190                                   | 29.0                                  | 44.0                                  | 3.1                                   | 8.0                                   | 0.8                                   | 1.5                                   | 0.2                                   | 0.9                                   | 0.2                                   | 18.3                                 | 1.75      | 28.3      | 8.1      |
| KGKRC087 | 9.00      | 10.00   | 5995                                  | 11835                   | 1188                                  | 3457                                  | 226                                   | 34.5                                  | 51.3                                  | 3.5                                   | 8.6                                   | 0.8                                   | 1.4                                   | 0.1                                   | 1.0                                   | 0.1                                   | 19.6                                 | 2.28      | 28.0      | 3.8      |
| KGKRC087 | 10.00     | 11.00   | 14476                                 | 23569                   | 2159                                  | 6023                                  | 424                                   | 69.1                                  | 116.6                                 | 7.2                                   | 16.2                                  | 1.5                                   | 1.9                                   | 0.1                                   | 0.5                                   | 0.1                                   | 29.3                                 | 4.69      | 66.2      | 1.3      |
| KGKRC087 | 11.00     | 12.00   | 15131                                 | 25549                   | 2338                                  | 6595                                  | 447                                   | 74.0                                  | 122.5                                 | 7.4                                   | 17.8                                  | 1.6                                   | 2.2                                   | 0.2                                   | 0.6                                   | 0.1                                   | 34.4                                 | 5.03      | 68.3      | 1.1      |
| KGKRC087 | 12.00     | 13.00   | 3799                                  | 7430                    | 727                                   | 2129                                  | 146                                   | 21.8                                  | 34.1                                  | 2.4                                   | 6.1                                   | 0.8                                   | 1.3                                   | 0.2                                   | 1.2                                   | 0.2                                   | 16.5                                 | 1.43      | 18.5      | 3.3      |
| KGKRC087 | 13.00     | 14.00   | 5057                                  | 10000                   | 990                                   | 2881                                  | 185                                   | 27.8                                  | 44.7                                  | 2.8                                   | 6.3                                   | 0.8                                   | 1.4                                   | 0.1                                   | 0.8                                   | 0.1                                   | 16.1                                 | 1.92      | 21.6      | 2.6      |
| KGKRC087 | 14.00     | 15.00   | 10623                                 | 19802                   | 1939                                  | 5622                                  | 372                                   | 58.1                                  | 89.5                                  | 5.8                                   | 13.1                                  | 1.3                                   | 1.8                                   | 0.2                                   | 1.2                                   | 0.2                                   | 24.8                                 | 3.86      | 42.1      | 1.3      |
| KGKRC087 | 15.00     | 16.00   | 6079                                  | 11926                   | 1193                                  | 3428                                  | 225                                   | 34.2                                  | 53.1                                  | 3.7                                   | 9.1                                   | 1.2                                   | 1.7                                   | 0.2                                   | 1.1                                   | 0.1                                   | 19.3                                 | 2.30      | 27.2      | 1.9      |
| KGKRC087 | 16.00     | 17.00   | 11926                                 | 22007                   | 2168                                  | 6362                                  | 441                                   | 73.3                                  | 117.0                                 | 7.9                                   | 19.4                                  | 1.7                                   | 3.2                                   | 0.3                                   | 1.8                                   | 0.2                                   | 38.1                                 | 4.32      | 72.0      | 2.6      |
| KGKRC087 | 17.00     | 18.00   | 6313                                  | 11907                   | 1171                                  | 3379                                  | 243                                   | 38.2                                  | 62.5                                  | 4.2                                   | 10.6                                  | 1.2                                   | 1.7                                   | 0.2                                   | 1.1                                   | -0.1                                  | 23.8                                 | 2.32      | 36.7      | 4.1      |
| KGKRC087 | 18.00     | 19.00   | 4550                                  | 8886                    | 859                                   | 2496                                  | 177                                   | 27.8                                  | 46.3                                  | 3.2                                   | 8.0                                   | 1.0                                   | 2.1                                   | 0.2                                   | 1.6                                   | 0.2                                   | 25.0                                 | 1.71      | 24.9      | 2.7      |
| KGKRC087 | 19.00     | 20.00   | 4545                                  | 8923                    | 863                                   | 2553                                  | 172                                   | 27.8                                  | 44.1                                  | 3.2                                   | 7.5                                   | 1.0                                   | 1.7                                   | 0.1                                   | 1.0                                   | 0.2                                   | 22.4                                 | 1.72      | 25.6      | 7.2      |
| KGKRC087 | 20.00     | 21.00   | 4352                                  | 8650                    | 875                                   | 2609                                  | 177                                   | 27.4                                  | 42.0                                  | 3.2                                   | 7.2                                   | 0.9                                   | 1.5                                   | 0.2                                   | 1.0                                   | -0.1                                  | 18.3                                 | 1.68      | 25.1      | 4.1      |
| KGKRC087 | 21.00     | 22.00   | 4060                                  | 7856                    | 770                                   | 2295                                  | 158                                   | 24.9                                  | 40.4                                  | 2.6                                   | 6.2                                   | 0.7                                   | 0.9                                   | 0.2                                   | 0.7                                   | 0.1                                   | 14.9                                 | 1.52      | 22.9      | 5.6      |
| KGKRC087 | 22.00     | 23.00   | 8014                                  | 15292                   | 1484                                  | 4324                                  | 317                                   | 51.2                                  | 79.1                                  | 5.4                                   | 11.9                                  | 1.2                                   | 1.7                                   | 0.1                                   | 1.0                                   | 0.1                                   | 26.8                                 | 2.96      | 51.0      | 2.0      |
| KGKRC087 | 23.00     | 24.00   | 4474                                  | 9130                    | 904                                   | 2707                                  | 185                                   | 27.9                                  | 43.4                                  | 3.1                                   | 8.0                                   | 0.9                                   | 1.7                                   | -0.1                                  | 1.0                                   | 0.1                                   | 18.2                                 | 1.75      | 23.9      | 3.5      |
| KGKRC087 | 24.00     | 25.00   | 5730                                  | 11491                   | 1175                                  | 3432                                  | 238                                   | 36.1                                  | 54.8                                  | 3.7                                   | 9.5                                   | 1.2                                   | 1.7                                   | 0.2                                   | 1.1                                   | 0.1                                   | 22.2                                 | 2.22      | 31.0      | 4.5      |
| KGKRC087 | 25.00     | 26.00   | 4132                                  | 8207                    | 829                                   | 2495                                  | 166                                   | 24.6                                  | 37.0                                  | 2.5                                   | 6.1                                   | 0.6                                   | 0.8                                   | -0.1                                  | 1.1                                   | -0.1                                  | 15.6                                 | 1.59      | 19.1      | 6.2      |
| KGKRC087 | 26.00     | 27.00   | 7170                                  | 12616                   | 1188                                  | 3317                                  | 225                                   | 36.8                                  | 60.5                                  | 4.5                                   | 11.3                                  | 1.4                                   | 2.4                                   | 0.2                                   | 1.0                                   | 0.2                                   | 28.2                                 | 2.47      | 30.7      | 1.8      |
| KGKRC087 | 27.00     | 28.00   | 12140                                 | 21590                   | 2061                                  | 6004                                  | 421                                   | 71.7                                  | 115.4                                 | 8.0                                   | 19.3                                  | 2.1                                   | 2.6                                   | 0.2                                   | 1.2                                   | 0.1                                   | 39.8                                 | 4.25      | 54.4      | 1.3      |
| KGKRC087 | 28.00     | 29.00   | 10259                                 | 18541                   | 1727                                  | 4853                                  | 338                                   | 54.9                                  | 88.9                                  | 5.9                                   | 14.5                                  | 1.4                                   | 1.9                                   | 0.1                                   | 0.9                                   | 0.2                                   | 28.5                                 | 3.59      | 50.2      | 2.0      |
| KGKRC087 | 29.00     | 30.00   | 7968                                  | 14495                   | 1366                                  | 3852                                  | 265                                   | 44.1                                  | 72.9                                  | 4.9                                   | 11.6                                  | 1.4                                   | 1.6                                   | 0.1                                   | 0.6                                   | 0.1                                   | 24.4                                 | 2.81      | 42.0      | 2.1      |
| KGKRC087 | 30.00     | 31.00   | 10157                                 | 17815                   | 1690                                  | 4674                                  | 319                                   | 54.0                                  | 85.3                                  | 5.9                                   | 14.4                                  | 1.3                                   | 2.2                                   | 0.1                                   | 0.5                                   | 0.1                                   | 26.9                                 | 3.48      | 49.8      | 2.5      |
| KGKRC087 | 31.00     | 32.00   | 12423                                 | 21018                   | 1946                                  | 5370                                  | 360                                   | 61.0                                  | 98.0                                  | 6.8                                   | 16.1                                  | 1.6                                   | 2.4                                   | 0.2                                   | 1.1                                   | 0.2                                   | 33.5                                 | 4.13      | 61.1      | 0.9      |
| KGKRC087 | 32.00     | 33.00   | 11853                                 | 20804                   | 1930                                  | 5495                                  | 371                                   | 59.3                                  | 96.8                                  | 6.6                                   | 16.0                                  | 1.7                                   | 2.6                                   | 0.3                                   | 1.2                                   | 0.2                                   | 35.2                                 | 4.07      | 61.3      | 1.5      |

| Hole ID  | From<br>m | To<br>m | La <sub>2</sub> O <sub>3</sub><br>ppm | CeO <sub>2</sub><br>ppm | Pr <sub>2</sub> O <sub>3</sub><br>ppm | Nd <sub>2</sub> O <sub>3</sub><br>ppm | Sm <sub>2</sub> O <sub>3</sub><br>ppm | Eu <sub>2</sub> O <sub>3</sub><br>ppm | Gd <sub>2</sub> O <sub>3</sub><br>ppm | Tb <sub>2</sub> O <sub>3</sub><br>ppm | Dy <sub>2</sub> O <sub>3</sub><br>ppm | Ho <sub>2</sub> O <sub>3</sub><br>ppm | Er <sub>2</sub> O <sub>3</sub><br>ppm | Tm <sub>2</sub> O <sub>3</sub><br>ppm | Yb <sub>2</sub> O <sub>3</sub><br>ppm | Lu <sub>2</sub> O <sub>3</sub><br>ppm | Y <sub>2</sub> O <sub>3</sub><br>ppm | TREO<br>% | Th<br>ppm | U<br>ppm |
|----------|-----------|---------|---------------------------------------|-------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|--------------------------------------|-----------|-----------|----------|
| KGKRC087 | 33.00     | 34.00   | 8809                                  | 16718                   | 1644                                  | 4728                                  | 337                                   | 53.6                                  | 83.7                                  | 6.0                                   | 15.3                                  | 1.4                                   | 2.1                                   | 0.2                                   | 1.2                                   | -0.1                                  | 29.1                                 | 3.24      | 60.8      | 19.9     |
| KGKRC087 | 34.00     | 35.00   | 6520                                  | 11569                   | 1091                                  | 3086                                  | 218                                   | 38.2                                  | 59.7                                  | 4.4                                   | 11.8                                  | 1.3                                   | 2.1                                   | 0.2                                   | 0.7                                   | -0.1                                  | 25.9                                 | 2.26      | 35.9      | 1.9      |
| KGKRC087 | 35.00     | 36.00   | 8986                                  | 14965                   | 1370                                  | 3672                                  | 255                                   | 40.3                                  | 70.8                                  | 5.1                                   | 12.4                                  | 1.2                                   | 1.8                                   | 0.2                                   | 1.1                                   | -0.1                                  | 24.4                                 | 2.94      | 44.3      | 3.0      |
| KGKRC087 | 36.00     | 37.00   | 7680                                  | 13747                   | 1400                                  | 4003                                  | 269                                   | 41.6                                  | 68.3                                  | 4.5                                   | 10.9                                  | 1.0                                   | 1.5                                   | 0.2                                   | 1.0                                   | -0.1                                  | 23.4                                 | 2.73      | 38.7      | 2.8      |
| KGKRC087 | 37.00     | 38.00   | 3315                                  | 6380                    | 652                                   | 1948                                  | 133                                   | 20.4                                  | 34.4                                  | 2.4                                   | 6.0                                   | 0.8                                   | 1.4                                   | 0.2                                   | 0.9                                   | 0.1                                   | 17.7                                 | 1.25      | 20.6      | 3.3      |
| KGKRC087 | 38.00     | 39.00   | 4824                                  | 9367                    | 975                                   | 2807                                  | 189                                   | 28.6                                  | 48.0                                  | 3.1                                   | 7.9                                   | 0.8                                   | 1.3                                   | 0.1                                   | 1.0                                   | 0.1                                   | 20.8                                 | 1.83      | 29.0      | 3.4      |
| KGKRC087 | 39.00     | 40.00   | 10435                                 | 18718                   | 1865                                  | 5201                                  | 345                                   | 54.0                                  | 90.7                                  | 6.0                                   | 15.7                                  | 1.6                                   | 2.6                                   | 0.2                                   | 1.3                                   | 0.1                                   | 35.6                                 | 3.68      | 61.4      | 2.0      |
| KGKRC087 | 40.00     | 41.00   | 19468                                 | 30790                   | 2839                                  | 7761                                  | 477                                   | 72.5                                  | 125.2                                 | 8.6                                   | 20.4                                  | 1.8                                   | 2.7                                   | 0.3                                   | 0.9                                   | 0.1                                   | 41.3                                 | 6.16      | 78.7      | 1.2      |
| KGKRC087 | 41.00     | 42.00   | 13056                                 | 22720                   | 2211                                  | 6336                                  | 394                                   | 59.8                                  | 99.9                                  | 6.5                                   | 15.6                                  | 1.3                                   | 2.2                                   | 0.2                                   | 0.5                                   | 0.1                                   | 29.7                                 | 4.49      | 57.5      | 0.8      |
| KGKRC087 | 42.00     | 43.00   | 14793                                 | 26388                   | 2638                                  | 7527                                  | 450                                   | 65.0                                  | 105.5                                 | 6.7                                   | 15.7                                  | 1.6                                   | 2.1                                   | 0.2                                   | 0.8                                   | 0.1                                   | 30.9                                 | 5.20      | 51.8      | 1.5      |
| KGKRC087 | 43.00     | 44.00   | 10490                                 | 19086                   | 1933                                  | 5502                                  | 347                                   | 51.9                                  | 82.4                                  | 5.2                                   | 12.4                                  | 1.3                                   | 1.8                                   | 0.2                                   | 0.9                                   | 0.1                                   | 26.5                                 | 3.75      | 40.4      | 1.7      |
| KGKRC087 | 44.00     | 45.00   | 5300                                  | 9893                    | 1002                                  | 2868                                  | 193                                   | 29.6                                  | 50.4                                  | 3.7                                   | 10.4                                  | 1.2                                   | 2.1                                   | 0.2                                   | 1.5                                   | 0.2                                   | 27.4                                 | 1.94      | 25.5      | 1.5      |
| KGKRC087 | 45.00     | 46.00   | 5846                                  | 10801                   | 1093                                  | 3069                                  | 196                                   | 28.8                                  | 51.1                                  | 3.7                                   | 9.5                                   | 1.0                                   | 1.9                                   | 0.2                                   | 0.9                                   | 0.1                                   | 24.5                                 | 2.11      | 28.8      | 3.1      |
| KGKRC087 | 46.00     | 47.00   | 6197                                  | 11481                   | 1164                                  | 3288                                  | 213                                   | 32.8                                  | 54.9                                  | 3.5                                   | 10.2                                  | 0.9                                   | 1.4                                   | 0.3                                   | 0.7                                   | 0.1                                   | 23.0                                 | 2.25      | 29.6      | 3.2      |
| KGKRC087 | 47.00     | 48.00   | 10264                                 | 18764                   | 1887                                  | 5416                                  | 350                                   | 53.6                                  | 89.4                                  | 6.0                                   | 13.5                                  | 1.4                                   | 2.1                                   | 0.1                                   | 1.0                                   | 0.1                                   | 31.1                                 | 3.69      | 50.3      | 1.2      |
| KGKRC087 | 48.00     | 49.00   | 11305                                 | 19732                   | 1930                                  | 5614                                  | 386                                   | 59.5                                  | 104.0                                 | 6.9                                   | 18.3                                  | 2.0                                   | 2.7                                   | 0.3                                   | 1.2                                   | 0.2                                   | 42.3                                 | 3.92      | 58.2      | 1.0      |
| KGKRC087 | 49.00     | 50.00   | 6594                                  | 12268                   | 1262                                  | 3671                                  | 247                                   | 36.9                                  | 61.6                                  | 4.0                                   | 10.2                                  | 1.0                                   | 1.8                                   | 0.1                                   | 0.9                                   | 0.1                                   | 23.0                                 | 2.42      | 34.6      | 1.2      |
| KGKRC087 | 50.00     | 51.00   | 9137                                  | 16031                   | 1607                                  | 4609                                  | 323                                   | 48.8                                  | 87.8                                  | 6.4                                   | 18.0                                  | 1.8                                   | 2.7                                   | 0.3                                   | 1.5                                   | 0.2                                   | 42.9                                 | 3.19      | 63.5      | 1.9      |
| KGKRC087 | 51.00     | 52.00   | 7734                                  | 14913                   | 1554                                  | 4476                                  | 294                                   | 43.9                                  | 69.6                                  | 4.9                                   | 14.1                                  | 1.4                                   | 2.6                                   | 0.3                                   | 1.1                                   | 0.1                                   | 33.1                                 | 2.91      | 41.7      | 2.0      |
| KGKRC087 | 52.00     | 53.00   | 7519                                  | 13769                   | 1386                                  | 3986                                  | 258                                   | 38.3                                  | 63.4                                  | 4.5                                   | 12.7                                  | 1.3                                   | 2.2                                   | 0.3                                   | 1.4                                   | 0.1                                   | 33.5                                 | 2.71      | 35.7      | 2.4      |
| KGKRC087 | 53.00     | 54.00   | 8625                                  | 15681                   | 1570                                  | 4533                                  | 283                                   | 40.9                                  | 69.2                                  | 4.6                                   | 10.4                                  | 1.2                                   | 2.1                                   | 0.2                                   | 1.4                                   | 0.1                                   | 26.3                                 | 3.08      | 35.2      | 2.7      |
| KGKRC087 | 54.00     | 55.00   | 8911                                  | 16411                   | 1651                                  | 4610                                  | 290                                   | 43.2                                  | 71.8                                  | 4.6                                   | 13.1                                  | 1.2                                   | 2.2                                   | 0.1                                   | 1.0                                   | 0.1                                   | 30.4                                 | 3.20      | 38.4      | 1.1      |
| KGKRC087 | 55.00     | 56.00   | 12430                                 | 23555                   | 2428                                  | 7166                                  | 470                                   | 67.2                                  | 111.6                                 | 6.6                                   | 14.8                                  | 1.5                                   | 2.1                                   | 0.2                                   | 1.1                                   | -0.1                                  | 27.9                                 | 4.63      | 59.4      | 2.3      |
| KGKRC087 | 56.00     | 57.00   | 8706                                  | 15566                   | 1528                                  | 4255                                  | 270                                   | 40.1                                  | 65.3                                  | 4.2                                   | 11.6                                  | 1.2                                   | 2.2                                   | 0.2                                   | 1.5                                   | 0.2                                   | 29.5                                 | 3.05      | 34.2      | 2.0      |
| KGKRC087 | 57.00     | 58.00   | 15963                                 | 27930                   | 2747                                  | 7744                                  | 508                                   | 75.5                                  | 122.2                                 | 7.9                                   | 17.0                                  | 1.4                                   | 2.3                                   | 0.2                                   | 1.0                                   | 0.1                                   | 33.9                                 | 5.52      | 70.4      | 2.7      |
| KGKRC087 | 58.00     | 59.00   | 9328                                  | 15759                   | 1511                                  | 4245                                  | 275                                   | 42.4                                  | 71.9                                  | 4.9                                   | 13.7                                  | 1.6                                   | 2.5                                   | 0.2                                   | 1.2                                   | 0.2                                   | 36.5                                 | 3.13      | 40.3      | 1.2      |
| KGKRC087 | 59.00     | 60.00   | 10503                                 | 18369                   | 1838                                  | 5205                                  | 316                                   | 48.1                                  | 79.5                                  | 5.2                                   | 12.4                                  | 1.3                                   | 2.4                                   | 0.2                                   | 0.7                                   | 0.1                                   | 29.0                                 | 3.64      | 45.4      | 2.5      |
| KGKRC087 | 60.00     | 61.00   | 9700                                  | 16834                   | 1613                                  | 4489                                  | 281                                   | 43.5                                  | 76.2                                  | 5.2                                   | 13.5                                  | 1.3                                   | 1.9                                   | 0.2                                   | 1.1                                   | -0.1                                  | 33.4                                 | 3.31      | 45.0      | 1.6      |
| KGKRC087 | 61.00     | 62.00   | 16449                                 | 25712                   | 2357                                  | 6446                                  | 413                                   | 67.7                                  | 118.5                                 | 8.5                                   | 21.5                                  | 2.2                                   | 3.1                                   | 0.2                                   | 1.1                                   | 0.2                                   | 45.0                                 | 5.16      | 78.9      | 1.1      |
| KGKRC087 | 62.00     | 63.00   | 13182                                 | 20190                   | 1866                                  | 5201                                  | 334                                   | 54.9                                  | 95.5                                  | 6.6                                   | 17.0                                  | 1.5                                   | 2.4                                   | 0.2                                   | 1.0                                   | 0.1                                   | 35.8                                 | 4.10      | 63.3      | 1.4      |
| KGKRC087 | 63.00     | 64.00   | 26491                                 | 36378                   | 3179                                  | 8335                                  | 524                                   | 82.0                                  | 143.4                                 | 9.8                                   | 22.7                                  | 2.1                                   | 2.6                                   | 0.2                                   | 1.0                                   | 0.1                                   | 46.7                                 | 7.52      | 90.2      | 0.8      |
| KGKRC087 | 64.00     | 65.00   | 24639                                 | 36374                   | 3315                                  | 9065                                  | 594                                   | 95.4                                  | 166.6                                 | 11.5                                  | 26.1                                  | 2.8                                   | 3.8                                   | 0.3                                   | 1.5                                   | 0.1                                   | 59.1                                 | 7.44      | 107.1     | 0.4      |
| KGKRC087 | 65.00     | 66.00   | 27875                                 | 42691                   | 3903                                  | 10617                                 | 698                                   | 110.2                                 | 198.6                                 | 13.2                                  | 32.7                                  | 3.4                                   | 4.2                                   | 0.5                                   | 1.7                                   | 0.2                                   | 70.4                                 | 8.62      | 124.7     | 0.5      |
| KGKRC087 | 66.00     | 67.00   | 21895                                 | 35561                   | 3331                                  | 9331                                  | 609                                   | 94.0                                  | 168.4                                 | 11.1                                  | 26.5                                  | 2.5                                   | 3.5                                   | 0.3                                   | 1.5                                   | 0.1                                   | 54.6                                 | 7.11      | 94.9      | 0.4      |
| KGKRC087 | 67.00     | 68.00   | 15325                                 | 22920                   | 2080                                  | 5712                                  | 367                                   | 58.2                                  | 105.2                                 | 6.9                                   | 17.7                                  | 2.0                                   | 3.0                                   | 0.5                                   | 1.5                                   | 0.1                                   | 43.2                                 | 4.66      | 59.9      | 0.7      |
| KGKRC087 | 68.00     | 69.00   | 21490                                 | 31917                   | 2930                                  | 7899                                  | 497                                   | 78.9                                  | 138.4                                 | 9.8                                   | 26.1                                  | 2.4                                   | 3.7                                   | 0.3                                   | 1.4                                   | 0.2                                   | 55.8                                 | 6.50      | 77.7      | 1.0      |
| KGKRC087 | 69.00     | 70.00   | 30803                                 | 43765                   | 3708                                  | 9881                                  | 613                                   | 102.6                                 | 178.6                                 | 13.3                                  | 37.8                                  | 3.6                                   | 6.1                                   | 0.6                                   | 2.4                                   | 0.2                                   | 87.4                                 | 8.92      | 108.7     | 2.2      |
| KGKRC087 | 70.00     | 71.00   | 10500                                 | 16605                   | 1524                                  | 4153                                  | 286                                   | 49.2                                  | 84.9                                  | 6.4                                   | 18.9                                  | 1.7                                   | 3.3                                   | 0.3                                   | 1.8                                   | 0.2                                   | 45.5                                 | 3.33      | 52.2      | 1.0      |
| KGKRC087 | 71.00     | 72.00   | 10398                                 | 17689                   | 1714                                  | 4865                                  | 364                                   | 62.5                                  | 112.4                                 | 7.8                                   | 20.0                                  | 2.0                                   | 3.4                                   | 0.5                                   | 1.6                                   | 0.3                                   | 46.5                                 | 3.53      | 56.9      | 1.4      |
| KGKRC087 | 72.00     | 73.00   | 12633                                 | 21183                   | 2057                                  | 5970                                  | 424                                   | 68.7                                  | 123.5                                 | 8.6                                   | 22.4                                  | 2.2                                   | 3.5                                   | 0.3                                   | 1.6                                   | 0.2                                   | 53.7                                 | 4.26      | 69.9      | 1.2      |
| KGKRC087 | 73.00     | 74.00   | 6781                                  | 11747                   | 1166                                  | 3279                                  | 235                                   | 38.1                                  | 71.1                                  | 5.4                                   | 16.2                                  | 1.6                                   | 3.1                                   | 0.5                                   | 1.2                                   | 0.2                                   | 41.7                                 | 2.34      | 53.2      | 1.1      |
| KGKRC087 | 74.00     | 75.00   | 10364                                 | 17683                   | 1701                                  | 4641                                  | 312                                   | 47.4                                  | 87.2                                  | 6.4                                   | 16.3                                  | 1.7                                   | 2.6                                   | 0.3                                   | 1.5                                   | 0.2                                   | 42.8                                 | 3.49      | 56.1      | 0.7      |
| KGKRC087 | 75.00     | 76.00   | 16941                                 | 29089                   | 2778                                  | 7798                                  | 485                                   | 76.8                                  | 129.6                                 | 9.2                                   | 25.7                                  | 2.4                                   | 4.5                                   | 0.3                                   | 1.7                                   | 0.3                                   | 65.0                                 | 5.74      | 95.1      | 0.9      |
| KGKRC087 | 76.00     | 77.00   | 14779                                 | 25428                   | 2412                                  | 6678                                  | 408                                   | 62.6                                  | 112.3                                 | 7.7                                   | 23.3                                  | 2.8                                   | 4.6                                   | 0.7                                   | 2.2                                   | 0.3                                   | 69.2                                 | 5.00      | 63.4      | 1.2      |
| KGKRC087 | 77.00     | 78.00   | 29879                                 | 50609                   | 4940                                  | 13619                                 | 821                                   | 124.9                                 | 218.3                                 | 16.7                                  | 54.1                                  | 5.4                                   | 9.7                                   | 1.0                                   | 5.5                                   | 0.7                                   | 152.6                                | 10.05     | 155.3     | 2.3      |

# LINDIAN

RESOURCES LTD.

| Hole ID  | From<br>m | To<br>m | La <sub>2</sub> O <sub>3</sub><br>ppm | CeO <sub>2</sub><br>ppm | Pr <sub>2</sub> O <sub>3</sub><br>ppm | Nd <sub>2</sub> O <sub>3</sub><br>ppm | Sm <sub>2</sub> O <sub>3</sub><br>ppm | Eu <sub>2</sub> O <sub>3</sub><br>ppm | Gd <sub>2</sub> O <sub>3</sub><br>ppm | Tb <sub>2</sub> O <sub>3</sub><br>ppm | Dy <sub>2</sub> O <sub>3</sub><br>ppm | Ho <sub>2</sub> O <sub>3</sub><br>ppm | Er <sub>2</sub> O <sub>3</sub><br>ppm | Tm <sub>2</sub> O <sub>3</sub><br>ppm | Yb <sub>2</sub> O <sub>3</sub><br>ppm | Lu <sub>2</sub> O <sub>3</sub><br>ppm | Y <sub>2</sub> O <sub>3</sub><br>ppm | TREO<br>% | Th<br>ppm | U<br>ppm |
|----------|-----------|---------|---------------------------------------|-------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|--------------------------------------|-----------|-----------|----------|
| KGKRC087 | 78.00     | 79.00   | 18039                                 | 30606                   | 2895                                  | 7992                                  | 505                                   | 77.5                                  | 137.9                                 | 11.3                                  | 34.6                                  | 3.8                                   | 6.2                                   | 0.8                                   | 2.6                                   | 0.3                                   | 96.8                                 | 6.04      | 117.5     | 1.5      |
| KGKRC087 | 79.00     | 80.00   | 12219                                 | 20365                   | 1932                                  | 5290                                  | 346                                   | 56.6                                  | 101.9                                 | 7.5                                   | 21.2                                  | 2.1                                   | 3.3                                   | 0.3                                   | 1.3                                   | 0.1                                   | 52.3                                 | 4.04      | 82.8      | 0.9      |
| KGKRC087 | 80.00     | 81.00   | 16080                                 | 26348                   | 2468                                  | 6632                                  | 427                                   | 70.6                                  | 130.6                                 | 11.1                                  | 30.9                                  | 3.2                                   | 4.5                                   | 0.3                                   | 2.0                                   | 0.2                                   | 75.8                                 | 5.23      | 128.2     | 1.1      |
| KGKRC087 | 81.00     | 82.00   | 18102                                 | 30524                   | 2853                                  | 7894                                  | 480                                   | 74.5                                  | 134.9                                 | 10.9                                  | 33.5                                  | 3.9                                   | 5.7                                   | 0.5                                   | 2.9                                   | 0.3                                   | 98.4                                 | 6.02      | 99.8      | 1.4      |
| KGKRC087 | 82.00     | 83.00   | 19667                                 | 33445                   | 3073                                  | 8463                                  | 532                                   | 81.5                                  | 150.3                                 | 11.2                                  | 28.9                                  | 3.2                                   | 4.9                                   | 0.5                                   | 2.4                                   | 0.2                                   | 79.0                                 | 6.55      | 108.4     | 1.2      |
| KGKRC087 | 83.00     | 84.00   | 14532                                 | 25287                   | 2315                                  | 6350                                  | 400                                   | 61.8                                  | 115.8                                 | 8.8                                   | 27.1                                  | 3.0                                   | 4.4                                   | 0.5                                   | 3.0                                   | 0.2                                   | 71.5                                 | 4.92      | 80.7      | 1.3      |
| KGKRC087 | 84.00     | 85.00   | 12825                                 | 21700                   | 1978                                  | 5516                                  | 347                                   | 53.7                                  | 96.2                                  | 7.7                                   | 24.3                                  | 2.5                                   | 3.4                                   | 0.5                                   | 1.7                                   | 0.2                                   | 61.2                                 | 4.26      | 79.0      | 5.6      |
| KGKRC087 | 85.00     | 86.00   | 5175                                  | 8991                    | 808                                   | 2280                                  | 156                                   | 24.6                                  | 44.9                                  | 3.7                                   | 11.0                                  | 1.0                                   | 1.8                                   | 0.2                                   | 0.6                                   | -0.1                                  | 28.2                                 | 1.75      | 44.3      | 5.3      |
| KGKRC087 | 86.00     | 87.00   | 11691                                 | 18509                   | 1657                                  | 4374                                  | 286                                   | 46.7                                  | 85.5                                  | 7.7                                   | 21.5                                  | 2.4                                   | 3.3                                   | 0.5                                   | 1.3                                   | 0.1                                   | 52.6                                 | 3.67      | 81.1      | 10.4     |
| KGKRC087 | 87.00     | 88.00   | 21474                                 | 33872                   | 2993                                  | 8263                                  | 520                                   | 80.0                                  | 139.2                                 | 11.3                                  | 29.2                                  | 3.0                                   | 3.5                                   | 0.3                                   | 1.3                                   | 0.2                                   | 67.9                                 | 6.75      | 97.6      | 2.1      |
| KGKRC087 | 88.00     | 89.00   | 24045                                 | 39519                   | 3539                                  | 9943                                  | 633                                   | 95.9                                  | 169.7                                 | 12.6                                  | 35.0                                  | 3.3                                   | 5.3                                   | 0.6                                   | 2.1                                   | 0.2                                   | 83.1                                 | 7.81      | 103.3     | 2.5      |
| KGKRC087 | 89.00     | 90.00   | 37062                                 | 60120                   | 5689                                  | 15765                                 | 1019                                  | 152.2                                 | 262.8                                 | 17.8                                  | 46.7                                  | 4.7                                   | 6.3                                   | 0.6                                   | 2.9                                   | 0.3                                   | 110.4                                | 12.03     | 183.6     | 2.2      |
| KGKRC087 | 90.00     | 91.00   | 31979                                 | 50016                   | 4873                                  | 13702                                 | 883                                   | 133.2                                 | 229.2                                 | 15.2                                  | 42.1                                  | 4.4                                   | 4.8                                   | 0.6                                   | 2.1                                   | 0.2                                   | 94.7                                 | 10.20     | 156.7     | 1.8      |
| KGKRC087 | 91.00     | 92.00   | 13995                                 | 23944                   | 2208                                  | 6088                                  | 375                                   | 58.9                                  | 103.3                                 | 8.2                                   | 24.2                                  | 2.4                                   | 3.4                                   | 0.3                                   | 1.4                                   | 0.2                                   | 54.0                                 | 4.69      | 70.5      | 2.3      |
| KGKRC087 | 92.00     | 93.00   | 9354                                  | 15948                   | 1483                                  | 4130                                  | 298                                   | 47.7                                  | 103.7                                 | 10.8                                  | 35.8                                  | 3.4                                   | 5.3                                   | 0.6                                   | 2.4                                   | 0.2                                   | 83.1                                 | 3.15      | 202.1     | 3.0      |
| KGKRC087 | 93.00     | 94.00   | 9565                                  | 15916                   | 1462                                  | 3918                                  | 257                                   | 39.4                                  | 73.7                                  | 6.0                                   | 17.8                                  | 2.1                                   | 2.9                                   | 0.2                                   | 1.6                                   | 0.1                                   | 46.4                                 | 3.13      | 71.7      | 2.3      |
| KGKRC087 | 94.00     | 95.00   | 9160                                  | 15988                   | 1466                                  | 3945                                  | 256                                   | 40.3                                  | 76.3                                  | 6.9                                   | 21.2                                  | 2.1                                   | 3.0                                   | 0.3                                   | 1.5                                   | 0.1                                   | 48.3                                 | 3.10      | 76.8      | 3.5      |
| KGKRC087 | 95.00     | 96.00   | 5923                                  | 10012                   | 899                                   | 2467                                  | 171                                   | 27.2                                  | 50.7                                  | 4.4                                   | 14.9                                  | 1.7                                   | 2.6                                   | 0.3                                   | 1.4                                   | -0.1                                  | 40.3                                 | 1.96      | 43.9      | 5.8      |
| KGKRC087 | 96.00     | 97.00   | 12457                                 | 20617                   | 1861                                  | 5003                                  | 311                                   | 47.7                                  | 91.2                                  | 7.3                                   | 23.5                                  | 2.6                                   | 3.4                                   | 0.5                                   | 1.8                                   | 0.2                                   | 62.9                                 | 4.05      | 75.3      | 2.2      |
| KGKRC087 | 97.00     | 98.00   | 13369                                 | 24214                   | 2303                                  | 6601                                  | 407                                   | 59.5                                  | 107.7                                 | 8.4                                   | 22.7                                  | 2.4                                   | 3.2                                   | 0.3                                   | 1.4                                   | 0.1                                   | 56.1                                 | 4.72      | 87.9      | 3.8      |
| KGKRC087 | 98.00     | 99.00   | 12078                                 | 21359                   | 1929                                  | 5277                                  | 336                                   | 53.2                                  | 95.6                                  | 7.2                                   | 20.4                                  | 2.1                                   | 2.7                                   | 0.3                                   | 1.2                                   | 0.1                                   | 53.1                                 | 4.12      | 79.0      | 5.0      |
| KGKRC087 | 99.00     | 100.00  | 15232                                 | 26580                   | 2472                                  | 6940                                  | 433                                   | 65.2                                  | 110.4                                 | 8.2                                   | 23.8                                  | 2.4                                   | 3.7                                   | 0.3                                   | 1.3                                   | 0.1                                   | 57.3                                 | 5.19      | 87.8      | 3.4      |
| KGKRC087 | 100.00    | 101.00  | 15887                                 | 27117                   | 2497                                  | 6967                                  | 420                                   | 62.4                                  | 113.3                                 | 8.2                                   | 21.8                                  | 2.5                                   | 3.7                                   | 0.5                                   | 1.5                                   | 0.2                                   | 58.2                                 | 5.32      | 84.0      | 2.2      |
| KGKRC087 | 101.00    | 102.00  | 19568                                 | 32556                   | 2934                                  | 7816                                  | 468                                   | 72.1                                  | 121.1                                 | 8.5                                   | 22.3                                  | 2.5                                   | 3.7                                   | 0.5                                   | 1.7                                   | 0.2                                   | 58.3                                 | 6.36      | 74.9      | 4.8      |
| KGKRC087 | 102.00    | 103.00  | 6872                                  | 11652                   | 1090                                  | 2987                                  | 230                                   | 38.8                                  | 78.9                                  | 6.2                                   | 21.5                                  | 2.6                                   | 5.2                                   | 0.6                                   | 3.9                                   | 0.5                                   | 68.2                                 | 2.31      | 55.3      | 6.1      |
| KGKRC087 | 103.00    | 104.00  | 6977                                  | 11411                   | 1026                                  | 2784                                  | 189                                   | 29.9                                  | 57.2                                  | 4.2                                   | 13.5                                  | 1.6                                   | 3.2                                   | 0.3                                   | 1.6                                   | 0.2                                   | 42.9                                 | 2.25      | 41.6      | 4.7      |
| KGKRC087 | 104.00    | 105.00  | 9495                                  | 15905                   | 1415                                  | 3777                                  | 238                                   | 37.5                                  | 65.8                                  | 5.4                                   | 15.2                                  | 1.6                                   | 2.6                                   | 0.2                                   | 1.5                                   | 0.2                                   | 40.4                                 | 3.10      | 56.6      | 5.3      |
| KGKRC087 | 105.00    | 106.00  | 15783                                 | 26602                   | 2431                                  | 6706                                  | 407                                   | 62.3                                  | 110.4                                 | 8.4                                   | 25.3                                  | 2.8                                   | 3.7                                   | 0.3                                   | 1.2                                   | 0.1                                   | 61.6                                 | 5.22      | 89.4      | 2.7      |
| KGKRC087 | 106.00    | 107.00  | 17153                                 | 28551                   | 2560                                  | 7040                                  | 443                                   | 65.1                                  | 113.9                                 | 8.8                                   | 23.6                                  | 2.3                                   | 3.2                                   | 0.3                                   | 1.0                                   | 0.1                                   | 54.5                                 | 5.60      | 82.6      | 2.5      |
| KGKRC087 | 107.00    | 108.00  | 16028                                 | 26740                   | 2450                                  | 6807                                  | 413                                   | 61.3                                  | 109.4                                 | 8.4                                   | 25.0                                  | 2.2                                   | 2.9                                   | 0.3                                   | 1.2                                   | -0.1                                  | 52.5                                 | 5.27      | 73.1      | 2.9      |
| KGKRC087 | 108.00    | 109.00  | 11289                                 | 18974                   | 1756                                  | 4719                                  | 310                                   | 48.4                                  | 91.6                                  | 7.5                                   | 21.8                                  | 2.4                                   | 3.2                                   | 0.2                                   | 1.1                                   | 0.1                                   | 51.3                                 | 3.73      | 95.9      | 3.3      |
| KGKRC087 | 109.00    | 110.00  | 10993                                 | 18867                   | 1731                                  | 4671                                  | 297                                   | 44.1                                  | 79.0                                  | 5.7                                   | 15.6                                  | 2.0                                   | 2.2                                   | 0.2                                   | 1.1                                   | 0.1                                   | 41.3                                 | 3.67      | 62.1      | 4.4      |
| KGKRC087 | 110.00    | 111.00  | 15036                                 | 24475                   | 2204                                  | 6007                                  | 374                                   | 57.1                                  | 105.1                                 | 8.8                                   | 25.8                                  | 2.8                                   | 3.5                                   | 0.5                                   | 1.7                                   | 0.2                                   | 60.2                                 | 4.84      | 82.9      | 2.6      |
| KGKRC087 | 111.00    | 112.00  | 13674                                 | 23207                   | 2135                                  | 5899                                  | 376                                   | 58.0                                  | 107.6                                 | 8.2                                   | 23.3                                  | 2.4                                   | 3.9                                   | 0.2                                   | 1.2                                   | 0.2                                   | 56.1                                 | 4.56      | 96.4      | 2.5      |
| KGKRC087 | 112.00    | 113.00  | 13150                                 | 21945                   | 1998                                  | 5349                                  | 322                                   | 49.4                                  | 87.2                                  | 6.8                                   | 18.9                                  | 2.2                                   | 2.5                                   | 0.2                                   | 0.7                                   | 0.1                                   | 44.5                                 | 4.30      | 73.4      | 1.8      |
| KGKRC087 | 113.00    | 114.00  | 11886                                 | 19960                   | 1790                                  | 4708                                  | 288                                   | 42.8                                  | 75.6                                  | 5.8                                   | 15.5                                  | 1.7                                   | 2.6                                   | 0.3                                   | 1.1                                   | 0.1                                   | 38.6                                 | 3.88      | 55.2      | 2.3      |
| KGKRC087 | 114.00    | 115.00  | 15511                                 | 26131                   | 2330                                  | 6336                                  | 408                                   | 63.3                                  | 122.7                                 | 10.2                                  | 29.7                                  | 3.0                                   | 4.6                                   | 0.5                                   | 1.4                                   | 0.2                                   | 68.6                                 | 5.10      | 106.0     | 3.3      |
| KGKRC087 | 115.00    | 116.00  | 13716                                 | 24237                   | 2204                                  | 6021                                  | 354                                   | 52.1                                  | 93.1                                  | 7.8                                   | 25.1                                  | 2.9                                   | 4.1                                   | 0.6                                   | 2.4                                   | 0.2                                   | 66.8                                 | 4.68      | 71.2      | 2.9      |
| KGKRC087 | 116.00    | 117.00  | 13713                                 | 22990                   | 2104                                  | 5781                                  | 346                                   | 51.9                                  | 86.5                                  | 6.1                                   | 16.5                                  | 1.8                                   | 3.0                                   | 0.3                                   | 1.5                                   | 0.1                                   | 40.5                                 | 4.51      | 60.9      | 2.6      |
| KGKRC087 | 117.00    | 118.00  | 14545                                 | 24407                   | 2260                                  | 6140                                  | 366                                   | 54.9                                  | 91.1                                  | 6.9                                   | 19.3                                  | 2.0                                   | 3.0                                   | 0.5                                   | 1.4                                   | 0.1                                   | 46.1                                 | 4.79      | 65.0      | 2.8      |
| KGKRC087 | 118.00    | 119.00  | 15940                                 | 26021                   | 2306                                  | 6220                                  | 377                                   | 54.9                                  | 97.1                                  | 7.3                                   | 19.5                                  | 2.0                                   | 3.1                                   | 0.3                                   | 1.9                                   | 0.1                                   | 48.4                                 | 5.11      | 67.9      | 4.8      |
| KGKRC087 | 119.00    | 120.00  | 9683                                  | 16060                   | 1446                                  | 3843                                  | 240                                   | 35.4                                  | 59.6                                  | 5.1                                   | 13.9                                  | 1.6                                   | 2.9                                   | 0.2                                   | 1.1                                   | 0.1                                   | 35.2                                 | 3.14      | 52.1      | 5.1      |
| KGKRC087 | 120.00    | 121.00  | 8084                                  | 13783                   | 1280                                  | 3460                                  | 232                                   | 36.7                                  | 65.0                                  | 4.7                                   | 14.0                                  | 1.6                                   | 2.5                                   | 0.3                                   | 1.8                                   | 0.2                                   | 37.8                                 | 2.70      | 42.0      | 5.0      |
| KGKRC087 | 121.00    | 122.00  | 12367                                 | 21174                   | 1980                                  | 5672                                  | 402                                   | 63.9                                  | 109.6                                 | 6.9                                   | 18.3                                  | 2.1                                   | 3.0                                   | 0.5                                   | 1.6                                   | 0.2                                   | 47.5                                 | 4.18      | 69.5      | 2.2      |
| KGKRC087 | 122.00    | 123.00  | 8948                                  | 15171                   | 1371                                  | 3647                                  | 232                                   | 36.1                                  | 63.4                                  | 4.1                                   | 10.4                                  | 1.3                                   | 1.8                                   | 0.2                                   | 1.2                                   | 0.2                                   | 27.3                                 | 2.95      | 35.6      | 5.5      |

| Hole ID  | From<br>m | To<br>m | La <sub>2</sub> O <sub>3</sub><br>ppm | CeO <sub>2</sub><br>ppm | Pr <sub>2</sub> O <sub>3</sub><br>ppm | Nd <sub>2</sub> O <sub>3</sub><br>ppm | Sm <sub>2</sub> O <sub>3</sub><br>ppm | Eu <sub>2</sub> O <sub>3</sub><br>ppm | Gd <sub>2</sub> O <sub>3</sub><br>ppm | Tb <sub>2</sub> O <sub>3</sub><br>ppm | Dy <sub>2</sub> O <sub>3</sub><br>ppm | Ho <sub>2</sub> O <sub>3</sub><br>ppm | Er <sub>2</sub> O <sub>3</sub><br>ppm | Tm <sub>2</sub> O <sub>3</sub><br>ppm | Yb <sub>2</sub> O <sub>3</sub><br>ppm | Lu <sub>2</sub> O <sub>3</sub><br>ppm | Y <sub>2</sub> O <sub>3</sub><br>ppm | TREO<br>% | Th<br>ppm | U<br>ppm |
|----------|-----------|---------|---------------------------------------|-------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|--------------------------------------|-----------|-----------|----------|
| KGKRC087 | 123.00    | 124.00  | 7129                                  | 11504                   | 1031                                  | 2627                                  | 165                                   | 25.9                                  | 46.6                                  | 4.0                                   | 12.1                                  | 1.6                                   | 2.3                                   | 0.2                                   | 1.8                                   | 0.1                                   | 35.8                                 | 2.26      | 34.5      | 5.1      |
| KGKRC087 | 124.00    | 125.00  | 8485                                  | 13306                   | 1144                                  | 2876                                  | 168                                   | 25.8                                  | 51.3                                  | 4.6                                   | 16.3                                  | 1.7                                   | 2.7                                   | 0.3                                   | 2.4                                   | 0.2                                   | 46.4                                 | 2.61      | 56.9      | 5.2      |
| KGKRC087 | 125.00    | 126.00  | 10078                                 | 15722                   | 1345                                  | 3403                                  | 206                                   | 32.2                                  | 61.7                                  | 4.8                                   | 16.5                                  | 1.7                                   | 2.6                                   | 0.2                                   | 1.5                                   | 0.2                                   | 46.2                                 | 3.09      | 70.5      | 3.5      |
| KGKRC087 | 126.00    | 127.00  | 6273                                  | 10194                   | 883                                   | 2392                                  | 155                                   | 25.1                                  | 45.9                                  | 3.7                                   | 11.8                                  | 1.4                                   | 2.5                                   | 0.2                                   | 1.0                                   | 0.1                                   | 33.1                                 | 2.00      | 37.8      | 5.6      |
| KGKRC087 | 127.00    | 128.00  | 14602                                 | 23183                   | 2028                                  | 5386                                  | 358                                   | 57.0                                  | 107.2                                 | 8.6                                   | 24.0                                  | 2.4                                   | 3.7                                   | 0.3                                   | 1.3                                   | -0.1                                  | 59.7                                 | 4.58      | 98.9      | 3.0      |
| KGKRC087 | 128.00    | 129.00  | 10532                                 | 16860                   | 1498                                  | 3918                                  | 249                                   | 39.4                                  | 72.1                                  | 6.1                                   | 18.6                                  | 2.0                                   | 3.0                                   | 0.3                                   | 0.9                                   | 0.1                                   | 46.4                                 | 3.32      | 61.5      | 4.2      |
| KGKRC087 | 129.00    | 130.00  | 8369                                  | 13764                   | 1223                                  | 3259                                  | 217                                   | 34.5                                  | 67.6                                  | 5.7                                   | 17.5                                  | 1.8                                   | 2.6                                   | 0.3                                   | 1.0                                   | 0.2                                   | 45.1                                 | 2.70      | 70.5      | 4.1      |
| KGKRC087 | 130.00    | 131.00  | 6006                                  | 10161                   | 875                                   | 2343                                  | 156                                   | 26.2                                  | 49.7                                  | 4.0                                   | 12.5                                  | 1.6                                   | 2.1                                   | 0.2                                   | 1.7                                   | 0.3                                   | 36.3                                 | 1.97      | 48.1      | 5.5      |
| KGKRC087 | 131.00    | 132.00  | 9868                                  | 15868                   | 1373                                  | 3593                                  | 236                                   | 36.7                                  | 70.3                                  | 6.4                                   | 18.5                                  | 2.1                                   | 3.4                                   | 0.5                                   | 1.5                                   | 0.2                                   | 53.2                                 | 3.11      | 73.8      | 4.5      |
| KGKRC087 | 132.00    | 133.00  | 5901                                  | 9627                    | 833                                   | 2213                                  | 142                                   | 23.3                                  | 46.7                                  | 3.8                                   | 11.7                                  | 1.3                                   | 1.8                                   | 0.2                                   | 1.5                                   | 0.2                                   | 31.8                                 | 1.88      | 39.9      | 6.6      |
| KGKRC087 | 133.00    | 134.00  | 4890                                  | 8056                    | 699                                   | 1878                                  | 120                                   | 20.5                                  | 36.7                                  | 2.8                                   | 9.3                                   | 1.2                                   | 1.4                                   | 0.2                                   | 0.9                                   | 0.2                                   | 25.4                                 | 1.57      | 29.0      | 7.2      |
| KGKRC087 | 134.00    | 135.00  | 6555                                  | 11124                   | 1016                                  | 2714                                  | 176                                   | 29.3                                  | 55.5                                  | 4.7                                   | 14.0                                  | 1.6                                   | 2.9                                   | 0.3                                   | 1.2                                   | 0.2                                   | 39.2                                 | 2.17      | 52.8      | 8.5      |
| KGKRC087 | 135.00    | 136.00  | 5197                                  | 8506                    | 723                                   | 1938                                  | 125                                   | 21.3                                  | 43.3                                  | 4.0                                   | 16.6                                  | 2.3                                   | 4.1                                   | 0.6                                   | 3.8                                   | 0.6                                   | 65.8                                 | 1.67      | 49.3      | 5.6      |
| KGKRC087 | 136.00    | 137.00  | 5784                                  | 9820                    | 870                                   | 2339                                  | 150                                   | 24.2                                  | 44.0                                  | 3.3                                   | 7.8                                   | 1.0                                   | 1.8                                   | 0.2                                   | 1.3                                   | 0.1                                   | 25.1                                 | 1.91      | 33.9      | 8.0      |
| KGKRC087 | 137.00    | 138.00  | 10994                                 | 17725                   | 1556                                  | 4108                                  | 253                                   | 38.8                                  | 70.8                                  | 5.3                                   | 14.5                                  | 1.7                                   | 2.5                                   | 0.3                                   | 1.4                                   | -0.1                                  | 37.8                                 | 3.48      | 52.9      | 3.6      |
| KGKRC087 | 138.00    | 139.00  | 6489                                  | 10828                   | 984                                   | 2680                                  | 177                                   | 27.1                                  | 51.2                                  | 4.1                                   | 11.5                                  | 1.3                                   | 2.6                                   | 0.2                                   | 1.3                                   | 0.2                                   | 32.6                                 | 2.13      | 36.1      | 6.9      |
| KGKRC087 | 139.00    | 140.00  | 7863                                  | 12917                   | 1130                                  | 2954                                  | 190                                   | 29.4                                  | 55.7                                  | 5.7                                   | 21.9                                  | 2.9                                   | 3.3                                   | 0.3                                   | 1.7                                   | 0.2                                   | 60.1                                 | 2.52      | 39.8      | 5.4      |
| KGKRC087 | 140.00    | 141.00  | 7277                                  | 11621                   | 980                                   | 2503                                  | 160                                   | 25.1                                  | 48.1                                  | 4.6                                   | 15.0                                  | 2.0                                   | 2.7                                   | 0.3                                   | 1.8                                   | 0.2                                   | 48.6                                 | 2.27      | 42.5      | 5.0      |
| KGKRC087 | 141.00    | 142.00  | 17818                                 | 27716                   | 2373                                  | 6237                                  | 401                                   | 64.0                                  | 127.3                                 | 9.9                                   | 33.3                                  | 3.7                                   | 5.3                                   | 0.5                                   | 2.2                                   | 0.2                                   | 88.9                                 | 5.49      | 103.1     | 2.4      |
| KGKRC087 | 142.00    | 143.00  | 13299                                 | 20402                   | 1735                                  | 4392                                  | 267                                   | 41.7                                  | 79.1                                  | 7.5                                   | 24.9                                  | 2.8                                   | 4.1                                   | 0.5                                   | 1.9                                   | 0.2                                   | 71.0                                 | 4.03      | 66.0      | 2.6      |
| KGKRC087 | 143.00    | 144.00  | 5731                                  | 9332                    | 797                                   | 2115                                  | 136                                   | 21.3                                  | 42.1                                  | 3.4                                   | 10.9                                  | 1.3                                   | 2.2                                   | 0.3                                   | 1.3                                   | 0.2                                   | 33.1                                 | 1.82      | 33.3      | 6.6      |
| KGKRC087 | 144.00    | 145.00  | 7426                                  | 11777                   | 1009                                  | 2583                                  | 167                                   | 26.6                                  | 53.9                                  | 4.7                                   | 16.9                                  | 2.1                                   | 4.7                                   | 0.5                                   | 2.8                                   | 0.3                                   | 61.0                                 | 2.31      | 53.3      | 3.9      |
| KGKRC087 | 145.00    | 146.00  | 7087                                  | 11543                   | 1006                                  | 2632                                  | 167                                   | 27.1                                  | 54.5                                  | 4.8                                   | 15.6                                  | 2.3                                   | 4.6                                   | 0.5                                   | 2.5                                   | 0.5                                   | 63.1                                 | 2.26      | 50.4      | 3.6      |
| KGKRC087 | 146.00    | 147.00  | 9842                                  | 16240                   | 1499                                  | 3992                                  | 241                                   | 41.2                                  | 74.1                                  | 6.4                                   | 20.2                                  | 2.0                                   | 4.2                                   | 0.3                                   | 1.8                                   | 0.2                                   | 56.1                                 | 3.20      | 74.0      | 3.4      |
| KGKRC087 | 147.00    | 148.00  | 11610                                 | 19818                   | 1871                                  | 4969                                  | 303                                   | 51.5                                  | 91.3                                  | 7.4                                   | 22.0                                  | 2.4                                   | 3.4                                   | 0.5                                   | 1.8                                   | 0.2                                   | 62.9                                 | 3.88      | 82.2      | 3.3      |
| KGKRC087 | 148.00    | 149.00  | 7203                                  | 12043                   | 1136                                  | 2999                                  | 188                                   | 32.3                                  | 58.1                                  | 5.5                                   | 19.3                                  | 2.5                                   | 4.7                                   | 0.6                                   | 2.6                                   | 0.5                                   | 69.0                                 | 2.38      | 62.7      | 2.8      |
| KGKRC087 | 149.00    | 150.00  | 7882                                  | 13416                   | 1256                                  | 3316                                  | 192                                   | 33.0                                  | 57.5                                  | 5.1                                   | 17.3                                  | 2.0                                   | 4.1                                   | 0.5                                   | 1.8                                   | 0.2                                   | 53.6                                 | 2.62      | 50.0      | 3.7      |
| KGKRC088 | 0.00      | 1.00    | 2056                                  | 4311                    | 465                                   | 1384                                  | 102                                   | 17.1                                  | 30.2                                  | 2.4                                   | 7.9                                   | 1.0                                   | 1.8                                   | 0.3                                   | 1.1                                   | 0.2                                   | 24.0                                 | 0.84      | 15.8      | 0.4      |
| KGKRC088 | 1.00      | 2.00    | 1872                                  | 3810                    | 414                                   | 1241                                  | 92                                    | 15.5                                  | 26.0                                  | 2.0                                   | 6.2                                   | 0.8                                   | 1.7                                   | 0.2                                   | 1.2                                   | 0.2                                   | 20.3                                 | 0.75      | 13.3      | 0.4      |
| KGKRC088 | 2.00      | 3.00    | 9558                                  | 16857                   | 1732                                  | 4944                                  | 361                                   | 62.6                                  | 113.1                                 | 8.0                                   | 23.2                                  | 2.5                                   | 3.9                                   | 0.5                                   | 2.6                                   | 0.3                                   | 61.3                                 | 3.37      | 55.5      | 1.3      |
| KGKRC088 | 3.00      | 4.00    | 8728                                  | 16339                   | 1694                                  | 4913                                  | 357                                   | 58.2                                  | 96.7                                  | 6.6                                   | 18.1                                  | 2.0                                   | 3.2                                   | 0.3                                   | 1.0                                   | 0.2                                   | 40.6                                 | 3.23      | 52.3      | 0.5      |
| KGKRC088 | 4.00      | 5.00    | 4546                                  | 9297                    | 993                                   | 2852                                  | 211                                   | 33.0                                  | 57.8                                  | 3.7                                   | 9.4                                   | 1.0                                   | 1.7                                   | 0.2                                   | 0.6                                   | -0.1                                  | 22.6                                 | 1.80      | 29.8      | 0.3      |
| KGKRC088 | 5.00      | 6.00    | 5681                                  | 11292                   | 1171                                  | 3381                                  | 240                                   | 37.1                                  | 61.7                                  | 4.4                                   | 12.3                                  | 1.3                                   | 2.5                                   | 0.3                                   | 1.3                                   | 0.2                                   | 32.1                                 | 2.19      | 38.7      | 0.2      |
| KGKRC088 | 6.00      | 7.00    | 4040                                  | 8127                    | 870                                   | 2557                                  | 183                                   | 30.1                                  | 48.4                                  | 3.2                                   | 9.2                                   | 1.0                                   | 1.8                                   | 0.2                                   | 0.9                                   | 0.1                                   | 21.3                                 | 1.59      | 25.0      | 0.1      |
| KGKRC088 | 7.00      | 8.00    | 3073                                  | 6240                    | 669                                   | 1944                                  | 147                                   | 23.0                                  | 41.5                                  | 2.8                                   | 7.5                                   | 0.9                                   | 1.9                                   | 0.2                                   | 0.8                                   | 0.1                                   | 21.5                                 | 1.22      | 20.4      | 0.3      |
| KGKRC088 | 8.00      | 9.00    | 6031                                  | 11893                   | 1273                                  | 3737                                  | 269                                   | 42.4                                  | 69.2                                  | 4.5                                   | 11.3                                  | 1.2                                   | 1.8                                   | 0.3                                   | 1.2                                   | 0.1                                   | 25.3                                 | 2.34      | 49.4      | 0.6      |
| KGKRC088 | 9.00      | 10.00   | 2352                                  | 4802                    | 506                                   | 1493                                  | 118                                   | 20.6                                  | 36.4                                  | 2.8                                   | 7.1                                   | 1.0                                   | 1.6                                   | 0.2                                   | 0.5                                   | 0.1                                   | 20.7                                 | 0.94      | 17.3      | 0.2      |
| KGKRC088 | 10.00     | 11.00   | 2693                                  | 5468                    | 593                                   | 1763                                  | 130                                   | 20.8                                  | 36.3                                  | 2.6                                   | 7.7                                   | 0.8                                   | 1.5                                   | 0.2                                   | 0.9                                   | 0.1                                   | 20.3                                 | 1.07      | 16.7      | 0.1      |
| KGKRC088 | 11.00     | 12.00   | 2275                                  | 4671                    | 506                                   | 1517                                  | 124                                   | 21.8                                  | 40.5                                  | 2.8                                   | 8.6                                   | 0.8                                   | 1.3                                   | 0.3                                   | 1.2                                   | -0.1                                  | 21.5                                 | 0.92      | 21.9      | 0.3      |
| KGKRC088 | 12.00     | 13.00   | 2176                                  | 4661                    | 522                                   | 1564                                  | 123                                   | 20.4                                  | 37.0                                  | 2.6                                   | 9.2                                   | 0.9                                   | 1.6                                   | 0.2                                   | 0.8                                   | 0.1                                   | 20.6                                 | 0.91      | 17.4      | 0.2      |
| KGKRC088 | 13.00     | 14.00   | 1414                                  | 3112                    | 359                                   | 1106                                  | 91                                    | 14.0                                  | 27.1                                  | 1.8                                   | 4.9                                   | 0.6                                   | 1.6                                   | 0.1                                   | 1.0                                   | -0.1                                  | 16.3                                 | 0.61      | 11.4      | -0.1     |
| KGKRC088 | 14.00     | 15.00   | 1776                                  | 3913                    | 453                                   | 1386                                  | 113                                   | 18.9                                  | 33.7                                  | 2.2                                   | 7.5                                   | 0.8                                   | 1.8                                   | 0.1                                   | 1.0                                   | -0.1                                  | 19.1                                 | 0.77      | 15.4      | -0.1     |
| KGKRC088 | 15.00     | 16.00   | 1488                                  | 3292                    | 371                                   | 1139                                  | 90                                    | 15.3                                  | 29.1                                  | 2.4                                   | 6.9                                   | 0.9                                   | 1.6                                   | 0.2                                   | 1.0                                   | 0.1                                   | 21.2                                 | 0.65      | 12.9      | 0.2      |
| KGKRC088 | 16.00     | 17.00   | 2167                                  | 4699                    | 524                                   | 1623                                  | 121                                   | 19.5                                  | 37.1                                  | 2.8                                   | 8.2                                   | 1.2                                   | 1.8                                   | 0.3                                   | 1.3                                   | 0.1                                   | 24.9                                 | 0.92      | 15.7      | 0.2      |
| KGKRC088 | 17.00     | 18.00   | 1158                                  | 2602                    | 292                                   | 940                                   | 83                                    | 14.6                                  | 27.5                                  | 1.9                                   | 6.2                                   | 0.8                                   | 1.1                                   | 0.2                                   | 0.7                                   | -0.1                                  | 19.4                                 | 0.51      | 12.3      | 0.2      |

| Hole ID  | From<br>m | To<br>m | La <sub>2</sub> O <sub>3</sub><br>ppm | CeO <sub>2</sub><br>ppm | Pr <sub>2</sub> O <sub>3</sub><br>ppm | Nd <sub>2</sub> O <sub>3</sub><br>ppm | Sm <sub>2</sub> O <sub>3</sub><br>ppm | Eu <sub>2</sub> O <sub>3</sub><br>ppm | Gd <sub>2</sub> O <sub>3</sub><br>ppm | Tb <sub>2</sub> O <sub>3</sub><br>ppm | Dy <sub>2</sub> O <sub>3</sub><br>ppm | Ho <sub>2</sub> O <sub>3</sub><br>ppm | Er <sub>2</sub> O <sub>3</sub><br>ppm | Tm <sub>2</sub> O <sub>3</sub><br>ppm | Yb <sub>2</sub> O <sub>3</sub><br>ppm | Lu <sub>2</sub> O <sub>3</sub><br>ppm | Y <sub>2</sub> O <sub>3</sub><br>ppm | TREO<br>% | Th<br>ppm | U<br>ppm |
|----------|-----------|---------|---------------------------------------|-------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|--------------------------------------|-----------|-----------|----------|
| KGKRC088 | 18.00     | 19.00   | 2039                                  | 4425                    | 505                                   | 1575                                  | 137                                   | 22.4                                  | 43.1                                  | 2.9                                   | 7.2                                   | 0.8                                   | 1.5                                   | 0.2                                   | 0.9                                   | 0.1                                   | 19.4                                 | 0.88      | 19.6      | 0.1      |
| KGKRC088 | 19.00     | 20.00   | 1560                                  | 3414                    | 402                                   | 1292                                  | 119                                   | 20.4                                  | 37.6                                  | 2.7                                   | 7.6                                   | 0.9                                   | 1.8                                   | 0.2                                   | 1.5                                   | 0.2                                   | 23.9                                 | 0.69      | 16.5      | 0.2      |
| KGKRC088 | 20.00     | 21.00   | 1698                                  | 3655                    | 420                                   | 1339                                  | 116                                   | 19.5                                  | 36.8                                  | 2.5                                   | 7.7                                   | 0.8                                   | 1.6                                   | 0.2                                   | 1.1                                   | 0.1                                   | 19.8                                 | 0.73      | 16.2      | 0.2      |
| KGKRC088 | 21.00     | 22.00   | 5005                                  | 9501                    | 1004                                  | 2932                                  | 225                                   | 38.1                                  | 66.8                                  | 4.2                                   | 11.5                                  | 1.3                                   | 2.1                                   | 0.2                                   | 1.4                                   | 0.2                                   | 29.2                                 | 1.88      | 31.3      | 0.7      |
| KGKRC088 | 22.00     | 23.00   | 1310                                  | 2810                    | 317                                   | 970                                   | 78                                    | 15.2                                  | 27.3                                  | 2.0                                   | 6.5                                   | 0.8                                   | 1.3                                   | -0.1                                  | 0.3                                   | 0.1                                   | 18.7                                 | 0.56      | 13.2      | 0.4      |
| KGKRC088 | 23.00     | 24.00   | 1091                                  | 2416                    | 280                                   | 876                                   | 77                                    | 13.9                                  | 25.3                                  | 1.9                                   | 6.3                                   | 0.8                                   | 1.4                                   | 0.1                                   | 0.8                                   | 0.2                                   | 16.9                                 | 0.48      | 14.0      | 0.4      |
| KGKRC088 | 24.00     | 25.00   | 963                                   | 2077                    | 236                                   | 753                                   | 74                                    | 14.7                                  | 29.1                                  | 2.4                                   | 7.8                                   | 1.0                                   | 2.1                                   | 0.2                                   | 1.5                                   | 0.2                                   | 25.8                                 | 0.42      | 20.9      | 3.5      |
| KGKRC088 | 25.00     | 26.00   | 503                                   | 1162                    | 152                                   | 557                                   | 88                                    | 22.7                                  | 58.9                                  | 6.5                                   | 28.9                                  | 4.9                                   | 10.4                                  | 1.3                                   | 7.0                                   | 1.1                                   | 122.0                                | 0.27      | 20.0      | 12.5     |
| KGKRC088 | 26.00     | 27.00   | 1363                                  | 2834                    | 326                                   | 1060                                  | 113                                   | 23.6                                  | 48.0                                  | 4.1                                   | 15.7                                  | 2.2                                   | 4.6                                   | 0.5                                   | 3.0                                   | 0.3                                   | 58.0                                 | 0.59      | 30.3      | 8.3      |
| KGKRC088 | 27.00     | 28.00   | 6520                                  | 12438                   | 1287                                  | 3780                                  | 291                                   | 49.8                                  | 86.2                                  | 6.1                                   | 17.8                                  | 2.0                                   | 3.2                                   | 0.3                                   | 2.1                                   | 0.2                                   | 42.4                                 | 2.45      | 44.2      | 2.9      |
| KGKRC088 | 28.00     | 29.00   | 2025                                  | 4027                    | 443                                   | 1363                                  | 129                                   | 24.6                                  | 47.3                                  | 3.8                                   | 10.2                                  | 1.2                                   | 2.3                                   | 0.2                                   | 2.1                                   | 0.2                                   | 30.5                                 | 0.81      | 35.2      | 2.0      |
| KGKRC088 | 29.00     | 30.00   | 1444                                  | 2950                    | 337                                   | 1082                                  | 118                                   | 27.1                                  | 65.8                                  | 9.3                                   | 56.7                                  | 9.5                                   | 21.4                                  | 2.4                                   | 11.8                                  | 1.7                                   | 292.1                                | 0.64      | 63.5      | 11.7     |
| KGKRC088 | 30.00     | 31.00   | 3019                                  | 6184                    | 677                                   | 2077                                  | 176                                   | 30.6                                  | 58.6                                  | 4.5                                   | 12.2                                  | 1.4                                   | 2.6                                   | 0.2                                   | 1.7                                   | 0.2                                   | 36.8                                 | 1.23      | 39.7      | 3.7      |
| KGKRC088 | 31.00     | 32.00   | 1031                                  | 2245                    | 255                                   | 808                                   | 73                                    | 14.7                                  | 27.0                                  | 2.1                                   | 6.3                                   | 0.7                                   | 1.3                                   | 0.2                                   | 0.7                                   | 0.1                                   | 18.9                                 | 0.45      | 15.8      | 0.2      |
| KGKRC088 | 32.00     | 33.00   | 3347                                  | 6808                    | 746                                   | 2241                                  | 174                                   | 29.8                                  | 49.8                                  | 3.5                                   | 11.0                                  | 0.9                                   | 1.8                                   | 0.2                                   | 0.9                                   | 0.1                                   | 24.1                                 | 1.34      | 27.0      | 0.3      |
| KGKRC088 | 33.00     | 34.00   | 1671                                  | 3496                    | 388                                   | 1186                                  | 104                                   | 19.1                                  | 34.6                                  | 2.7                                   | 7.4                                   | 1.0                                   | 1.9                                   | 0.2                                   | 1.2                                   | 0.2                                   | 23.6                                 | 0.69      | 17.8      | 0.3      |
| KGKRC088 | 34.00     | 35.00   | 962                                   | 2093                    | 236                                   | 760                                   | 72                                    | 12.4                                  | 25.4                                  | 2.0                                   | 8.0                                   | 1.0                                   | 2.1                                   | 0.3                                   | 1.2                                   | 0.1                                   | 25.4                                 | 0.42      | 9.9       | 0.1      |
| KGKRC088 | 35.00     | 36.00   | 1929                                  | 3994                    | 439                                   | 1323                                  | 108                                   | 18.8                                  | 33.8                                  | 2.5                                   | 7.9                                   | 0.9                                   | 2.1                                   | 0.2                                   | 1.2                                   | 0.2                                   | 25.5                                 | 0.79      | 16.3      | 0.3      |
| KGKRC088 | 36.00     | 37.00   | 4160                                  | 8458                    | 927                                   | 2782                                  | 228                                   | 37.8                                  | 66.3                                  | 4.1                                   | 13.0                                  | 1.3                                   | 2.3                                   | 0.1                                   | 1.8                                   | 0.1                                   | 32.4                                 | 1.67      | 29.9      | 0.6      |
| KGKRC088 | 37.00     | 38.00   | 9985                                  | 19046                   | 1988                                  | 5858                                  | 413                                   | 67.3                                  | 110.6                                 | 7.1                                   | 17.8                                  | 1.8                                   | 3.0                                   | 0.2                                   | 1.0                                   | -0.1                                  | 37.8                                 | 3.75      | 51.5      | 1.9      |
| KGKRC088 | 38.00     | 39.00   | 1967                                  | 4392                    | 500                                   | 1603                                  | 145                                   | 25.1                                  | 44.6                                  | 3.1                                   | 7.7                                   | 0.9                                   | 1.8                                   | 0.2                                   | 1.1                                   | -0.1                                  | 22.9                                 | 0.87      | 21.2      | 0.1      |
| KGKRC088 | 39.00     | 40.00   | 2138                                  | 4518                    | 509                                   | 1608                                  | 146                                   | 27.3                                  | 48.7                                  | 3.2                                   | 9.4                                   | 1.0                                   | 1.7                                   | 0.2                                   | 1.3                                   | -0.1                                  | 23.6                                 | 0.90      | 22.3      | 0.1      |
| KGKRC088 | 40.00     | 41.00   | 1844                                  | 4004                    | 454                                   | 1414                                  | 122                                   | 21.3                                  | 38.2                                  | 2.6                                   | 7.2                                   | 0.8                                   | 1.4                                   | 0.1                                   | 0.8                                   | 0.1                                   | 18.2                                 | 0.79      | 19.3      | 0.1      |
| KGKRC088 | 41.00     | 42.00   | 1183                                  | 2487                    | 289                                   | 910                                   | 86                                    | 15.5                                  | 29.2                                  | 2.0                                   | 7.2                                   | 0.8                                   | 1.6                                   | 0.1                                   | 1.0                                   | 0.1                                   | 20.5                                 | 0.50      | 16.5      | 0.2      |
| KGKRC088 | 42.00     | 43.00   | 1088                                  | 2380                    | 280                                   | 919                                   | 86                                    | 17.1                                  | 31.2                                  | 2.2                                   | 7.6                                   | 0.9                                   | 1.7                                   | 0.2                                   | 0.8                                   | 0.2                                   | 22.4                                 | 0.48      | 16.9      | -0.1     |
| KGKRC088 | 43.00     | 44.00   | 1147                                  | 2531                    | 288                                   | 926                                   | 76                                    | 14.1                                  | 25.3                                  | 1.9                                   | 5.4                                   | 0.6                                   | 1.3                                   | -0.1                                  | 0.6                                   | -0.1                                  | 15.2                                 | 0.50      | 12.8      | -0.1     |
| KGKRC088 | 44.00     | 45.00   | 4079                                  | 8250                    | 871                                   | 2591                                  | 185                                   | 31.4                                  | 53.5                                  | 3.3                                   | 9.1                                   | 1.0                                   | 1.7                                   | 0.1                                   | 0.9                                   | 0.1                                   | 23.9                                 | 1.61      | 27.0      | 0.2      |
| KGKRC088 | 45.00     | 46.00   | 2958                                  | 6151                    | 696                                   | 2160                                  | 175                                   | 31.6                                  | 53.9                                  | 3.5                                   | 9.5                                   | 0.9                                   | 2.1                                   | 0.2                                   | 0.9                                   | 0.1                                   | 23.8                                 | 1.23      | 28.2      | 0.2      |
| KGKRC088 | 46.00     | 47.00   | 3700                                  | 7889                    | 866                                   | 2731                                  | 231                                   | 42.3                                  | 70.0                                  | 4.7                                   | 14.6                                  | 1.5                                   | 2.2                                   | 0.2                                   | 1.3                                   | 0.1                                   | 32.4                                 | 1.56      | 44.4      | 0.3      |
| KGKRC088 | 47.00     | 48.00   | 5108                                  | 10358                   | 1130                                  | 3436                                  | 277                                   | 46.6                                  | 78.9                                  | 4.9                                   | 12.1                                  | 1.4                                   | 1.9                                   | 0.2                                   | 1.0                                   | 0.1                                   | 28.6                                 | 2.05      | 37.1      | 0.2      |
| KGKRC088 | 48.00     | 49.00   | 9096                                  | 17637                   | 1889                                  | 5646                                  | 435                                   | 74.7                                  | 122.6                                 | 7.9                                   | 20.7                                  | 2.1                                   | 3.5                                   | 0.2                                   | 1.1                                   | 0.2                                   | 45.8                                 | 3.50      | 77.5      | 0.9      |
| KGKRC088 | 49.00     | 50.00   | 5522                                  | 11152                   | 1202                                  | 3655                                  | 293                                   | 50.1                                  | 83.8                                  | 5.4                                   | 14.0                                  | 1.5                                   | 2.2                                   | 0.2                                   | 1.1                                   | 0.1                                   | 29.0                                 | 2.20      | 39.7      | 0.2      |
| KGKRC088 | 50.00     | 51.00   | 3966                                  | 8128                    | 892                                   | 2731                                  | 223                                   | 39.7                                  | 65.6                                  | 4.2                                   | 11.9                                  | 1.2                                   | 1.9                                   | 0.2                                   | 0.7                                   | -0.1                                  | 25.4                                 | 1.61      | 31.9      | 0.1      |
| KGKRC088 | 51.00     | 52.00   | 7556                                  | 14745                   | 1552                                  | 4522                                  | 336                                   | 58.7                                  | 98.7                                  | 6.7                                   | 15.4                                  | 1.7                                   | 2.3                                   | 0.1                                   | 0.7                                   | 0.1                                   | 31.9                                 | 2.89      | 48.5      | 0.3      |
| KGKRC088 | 52.00     | 53.00   | 2354                                  | 4880                    | 536                                   | 1660                                  | 141                                   | 24.2                                  | 40.2                                  | 2.7                                   | 6.4                                   | 0.8                                   | 1.6                                   | 0.2                                   | 0.6                                   | -0.1                                  | 18.3                                 | 0.97      | 18.8      | 0.2      |
| KGKRC088 | 53.00     | 54.00   | 2699                                  | 5574                    | 601                                   | 1885                                  | 151                                   | 26.5                                  | 45.7                                  | 2.6                                   | 8.0                                   | 0.8                                   | 1.5                                   | 0.1                                   | 0.9                                   | -0.1                                  | 17.7                                 | 1.10      | 19.6      | 0.3      |
| KGKRC088 | 54.00     | 55.00   | 2896                                  | 6170                    | 678                                   | 2161                                  | 172                                   | 28.4                                  | 48.0                                  | 2.9                                   | 8.2                                   | 0.9                                   | 1.6                                   | 0.2                                   | 0.7                                   | 0.1                                   | 19.3                                 | 1.22      | 21.9      | 0.3      |
| KGKRC088 | 55.00     | 56.00   | 5143                                  | 10666                   | 1139                                  | 3422                                  | 260                                   | 43.4                                  | 66.9                                  | 4.5                                   | 12.4                                  | 1.3                                   | 1.9                                   | 0.2                                   | 1.1                                   | -0.1                                  | 27.7                                 | 2.08      | 34.6      | 0.3      |
| KGKRC088 | 56.00     | 57.00   | 3258                                  | 6767                    | 760                                   | 2333                                  | 185                                   | 32.8                                  | 53.8                                  | 3.5                                   | 9.8                                   | 0.9                                   | 1.8                                   | 0.2                                   | 0.6                                   | 0.2                                   | 23.8                                 | 1.34      | 25.4      | 0.1      |
| KGKRC088 | 57.00     | 58.00   | 2544                                  | 5382                    | 610                                   | 1890                                  | 152                                   | 26.9                                  | 44.6                                  | 2.8                                   | 8.8                                   | 0.9                                   | 2.1                                   | 0.2                                   | 0.8                                   | 0.2                                   | 21.2                                 | 1.07      | 20.9      | 0.1      |
| KGKRC088 | 58.00     | 59.00   | 3188                                  | 6622                    | 738                                   | 2264                                  | 181                                   | 30.2                                  | 52.0                                  | 3.4                                   | 8.7                                   | 0.9                                   | 1.4                                   | 0.2                                   | 0.7                                   | -0.1                                  | 20.3                                 | 1.31      | 29.4      | 0.1      |
| KGKRC088 | 59.00     | 60.00   | 2573                                  | 5456                    | 594                                   | 1831                                  | 141                                   | 24.0                                  | 39.7                                  | 2.7                                   | 7.2                                   | 0.7                                   | 1.6                                   | 0.1                                   | 0.9                                   | -0.1                                  | 16.9                                 | 1.07      | 18.0      | -0.1     |
| KGKRC088 | 60.00     | 61.00   | 4317                                  | 8630                    | 915                                   | 2693                                  | 190                                   | 32.1                                  | 50.8                                  | 3.5                                   | 8.6                                   | 1.2                                   | 2.1                                   | 0.2                                   | 1.2                                   | 0.2                                   | 23.5                                 | 1.69      | 22.9      | 0.1      |
| KGKRC088 | 61.00     | 62.00   | 1291                                  | 2885                    | 329                                   | 1063                                  | 92                                    | 16.7                                  | 29.9                                  | 2.0                                   | 5.6                                   | 0.6                                   | 1.0                                   | 0.1                                   | 0.7                                   | -0.1                                  | 14.2                                 | 0.57      | 15.5      | -0.1     |
| KGKRC088 | 62.00     | 63.00   | 1370                                  | 3074                    | 352                                   | 1114                                  | 94                                    | 16.8                                  | 29.7                                  | 2.2                                   | 6.4                                   | 0.7                                   | 1.3                                   | 0.2                                   | 1.0                                   | 0.1                                   | 18.2                                 | 0.61      | 18.5      | 0.1      |

| Hole ID  | From<br>m | To<br>m | La <sub>2</sub> O <sub>3</sub><br>ppm | CeO <sub>2</sub><br>ppm | Pr <sub>2</sub> O <sub>3</sub><br>ppm | Nd <sub>2</sub> O <sub>3</sub><br>ppm | Sm <sub>2</sub> O <sub>3</sub><br>ppm | Eu <sub>2</sub> O <sub>3</sub><br>ppm | Gd <sub>2</sub> O <sub>3</sub><br>ppm | Tb <sub>2</sub> O <sub>3</sub><br>ppm | Dy <sub>2</sub> O <sub>3</sub><br>ppm | Ho <sub>2</sub> O <sub>3</sub><br>ppm | Er <sub>2</sub> O <sub>3</sub><br>ppm | Tm <sub>2</sub> O <sub>3</sub><br>ppm | Yb <sub>2</sub> O <sub>3</sub><br>ppm | Lu <sub>2</sub> O <sub>3</sub><br>ppm | Y <sub>2</sub> O <sub>3</sub><br>ppm | TREO<br>% | Th<br>ppm | U<br>ppm |
|----------|-----------|---------|---------------------------------------|-------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|--------------------------------------|-----------|-----------|----------|
| KGKRC088 | 63.00     | 64.00   | 3612                                  | 7417                    | 835                                   | 2608                                  | 216                                   | 39.3                                  | 66.3                                  | 4.5                                   | 11.5                                  | 1.3                                   | 2.3                                   | 0.2                                   | 1.3                                   | 0.1                                   | 27.8                                 | 1.48      | 36.9      | 0.7      |
| KGKRC088 | 64.00     | 65.00   | 2388                                  | 4768                    | 525                                   | 1649                                  | 145                                   | 26.9                                  | 45.7                                  | 3.4                                   | 9.5                                   | 1.0                                   | 2.4                                   | 0.3                                   | 1.4                                   | 0.2                                   | 28.2                                 | 0.96      | 29.3      | 5.8      |
| KGKRC088 | 65.00     | 66.00   | 2667                                  | 5585                    | 611                                   | 1890                                  | 149                                   | 25.0                                  | 39.7                                  | 2.6                                   | 7.6                                   | 0.9                                   | 1.3                                   | 0.2                                   | 0.5                                   | -0.1                                  | 19.9                                 | 1.10      | 20.7      | 1.6      |
| KGKRC088 | 66.00     | 67.00   | 4923                                  | 9624                    | 1002                                  | 2964                                  | 214                                   | 34.7                                  | 61.9                                  | 4.1                                   | 11.4                                  | 1.3                                   | 2.3                                   | 0.2                                   | 1.2                                   | 0.2                                   | 29.5                                 | 1.89      | 31.0      | 1.5      |
| KGKRC088 | 67.00     | 68.00   | 1624                                  | 3157                    | 348                                   | 1087                                  | 103                                   | 21.1                                  | 39.3                                  | 3.7                                   | 11.0                                  | 1.7                                   | 3.2                                   | 0.2                                   | 2.0                                   | 0.5                                   | 37.8                                 | 0.64      | 30.7      | 7.0      |
| KGKRC088 | 68.00     | 69.00   | 1189                                  | 2227                    | 238                                   | 744                                   | 81                                    | 17.7                                  | 37.0                                  | 4.0                                   | 16.3                                  | 2.1                                   | 5.2                                   | 0.6                                   | 3.4                                   | 0.6                                   | 62.5                                 | 0.46      | 27.8      | 7.1      |
| KGKRC088 | 69.00     | 70.00   | 1950                                  | 3881                    | 424                                   | 1352                                  | 129                                   | 25.2                                  | 51.6                                  | 4.6                                   | 18.9                                  | 2.8                                   | 6.3                                   | 0.9                                   | 4.7                                   | 0.6                                   | 76.8                                 | 0.79      | 34.0      | 8.7      |
| KGKRC088 | 70.00     | 71.00   | 2740                                  | 5952                    | 659                                   | 2081                                  | 184                                   | 33.5                                  | 64.5                                  | 4.8                                   | 17.5                                  | 2.3                                   | 4.7                                   | 0.7                                   | 3.5                                   | 0.5                                   | 59.3                                 | 1.18      | 39.7      | 14.3     |
| KGKRC088 | 71.00     | 72.00   | 3075                                  | 6314                    | 693                                   | 2222                                  | 202                                   | 36.8                                  | 70.7                                  | 5.4                                   | 18.0                                  | 2.2                                   | 5.2                                   | 0.5                                   | 2.7                                   | 0.3                                   | 52.6                                 | 1.27      | 43.4      | 5.4      |
| KGKRC088 | 72.00     | 73.00   | 2035                                  | 4271                    | 471                                   | 1473                                  | 141                                   | 26.8                                  | 51.7                                  | 4.4                                   | 16.5                                  | 2.0                                   | 4.2                                   | 0.5                                   | 2.1                                   | 0.5                                   | 52.3                                 | 0.86      | 35.7      | 6.0      |
| KGKRC088 | 73.00     | 74.00   | 1658                                  | 3572                    | 401                                   | 1318                                  | 124                                   | 24.3                                  | 43.4                                  | 3.4                                   | 12.3                                  | 1.6                                   | 2.9                                   | 0.3                                   | 1.9                                   | 0.3                                   | 38.4                                 | 0.72      | 26.1      | 8.1      |
| KGKRC088 | 74.00     | 75.00   | 2954                                  | 6338                    | 704                                   | 2262                                  | 211                                   | 40.5                                  | 77.4                                  | 5.7                                   | 17.6                                  | 2.3                                   | 4.8                                   | 0.6                                   | 2.1                                   | 0.3                                   | 55.8                                 | 1.27      | 39.4      | 7.0      |
| KGKRC088 | 75.00     | 76.00   | 3678                                  | 6766                    | 692                                   | 2048                                  | 172                                   | 32.1                                  | 55.6                                  | 3.8                                   | 11.4                                  | 1.2                                   | 1.9                                   | 0.3                                   | 1.3                                   | 0.2                                   | 27.3                                 | 1.35      | 28.2      | 0.6      |
| KGKRC088 | 76.00     | 77.00   | 4344                                  | 8206                    | 872                                   | 2587                                  | 206                                   | 36.0                                  | 61.6                                  | 4.1                                   | 11.7                                  | 1.3                                   | 1.9                                   | 0.2                                   | 0.9                                   | 0.1                                   | 28.3                                 | 1.64      | 29.5      | 0.4      |
| KGKRC088 | 77.00     | 78.00   | 3544                                  | 6777                    | 707                                   | 2134                                  | 169                                   | 31.6                                  | 52.2                                  | 3.7                                   | 10.1                                  | 1.0                                   | 2.2                                   | 0.3                                   | 0.9                                   | -0.1                                  | 24.9                                 | 1.35      | 27.1      | 0.6      |
| KGKRC088 | 78.00     | 79.00   | 2694                                  | 5247                    | 566                                   | 1716                                  | 144                                   | 24.8                                  | 40.0                                  | 2.7                                   | 8.5                                   | 0.9                                   | 1.6                                   | 0.2                                   | 1.1                                   | 0.1                                   | 20.2                                 | 1.05      | 21.2      | 0.5      |
| KGKRC088 | 79.00     | 80.00   | 2703                                  | 5573                    | 617                                   | 1939                                  | 171                                   | 31.5                                  | 55.1                                  | 4.0                                   | 11.3                                  | 1.3                                   | 2.2                                   | 0.3                                   | 1.1                                   | 0.2                                   | 27.8                                 | 1.11      | 37.6      | 1.4      |
| KGKRC089 | 0.00      | 1.00    | 6758                                  | 12054                   | 1194                                  | 3438                                  | 257                                   | 44.4                                  | 82.7                                  | 6.4                                   | 18.9                                  | 2.2                                   | 4.0                                   | 0.5                                   | 2.7                                   | 0.3                                   | 53.0                                 | 2.39      | 27.1      | 3.1      |
| KGKRC089 | 1.00      | 2.00    | 5724                                  | 10371                   | 1061                                  | 3119                                  | 246                                   | 47.7                                  | 84.7                                  | 6.4                                   | 19.5                                  | 2.5                                   | 4.2                                   | 0.5                                   | 2.8                                   | 0.5                                   | 60.8                                 | 2.08      | 25.8      | 2.0      |
| KGKRC089 | 2.00      | 3.00    | 6598                                  | 11954                   | 1241                                  | 3606                                  | 279                                   | 50.7                                  | 94.3                                  | 7.4                                   | 23.3                                  | 2.8                                   | 5.7                                   | 0.7                                   | 3.4                                   | 0.6                                   | 69.8                                 | 2.39      | 31.1      | 3.2      |
| KGKRC089 | 3.00      | 4.00    | 5722                                  | 10335                   | 1045                                  | 3040                                  | 230                                   | 41.6                                  | 74.7                                  | 5.9                                   | 18.4                                  | 2.1                                   | 3.2                                   | 0.5                                   | 1.9                                   | 0.3                                   | 50.9                                 | 2.06      | 26.0      | 2.4      |
| KGKRC089 | 4.00      | 5.00    | 5739                                  | 10481                   | 1084                                  | 3085                                  | 219                                   | 37.6                                  | 62.3                                  | 4.5                                   | 13.5                                  | 1.2                                   | 1.9                                   | 0.2                                   | 0.7                                   | 0.1                                   | 28.8                                 | 2.08      | 28.9      | 2.0      |
| KGKRC089 | 5.00      | 6.00    | 6910                                  | 12225                   | 1186                                  | 3307                                  | 224                                   | 38.1                                  | 60.8                                  | 4.5                                   | 11.6                                  | 1.4                                   | 2.4                                   | 0.1                                   | 1.1                                   | 0.1                                   | 29.3                                 | 2.40      | 29.0      | 1.8      |
| KGKRC089 | 6.00      | 7.00    | 4759                                  | 8733                    | 872                                   | 2476                                  | 167                                   | 29.0                                  | 46.9                                  | 3.3                                   | 8.8                                   | 1.0                                   | 1.6                                   | 0.1                                   | 0.7                                   | -0.1                                  | 20.3                                 | 1.71      | 21.3      | 3.0      |
| KGKRC089 | 7.00      | 8.00    | 6361                                  | 11122                   | 1115                                  | 3115                                  | 209                                   | 35.9                                  | 60.0                                  | 4.1                                   | 9.8                                   | 1.0                                   | 1.5                                   | -0.1                                  | 0.5                                   | -0.1                                  | 20.8                                 | 2.21      | 27.4      | 3.8      |
| KGKRC089 | 8.00      | 9.00    | 6745                                  | 11633                   | 1150                                  | 3247                                  | 221                                   | 37.2                                  | 59.8                                  | 4.2                                   | 11.9                                  | 1.0                                   | 1.8                                   | 0.2                                   | 1.0                                   | -0.1                                  | 23.8                                 | 2.31      | 30.4      | 1.5      |
| KGKRC089 | 9.00      | 10.00   | 6071                                  | 10589                   | 1038                                  | 2958                                  | 195                                   | 33.7                                  | 57.7                                  | 3.9                                   | 8.6                                   | 1.0                                   | 1.3                                   | 0.2                                   | 0.9                                   | 0.1                                   | 21.6                                 | 2.10      | 24.6      | 2.0      |
| KGKRC089 | 10.00     | 11.00   | 6439                                  | 11100                   | 1092                                  | 3065                                  | 204                                   | 33.4                                  | 57.1                                  | 3.8                                   | 9.5                                   | 0.9                                   | 1.3                                   | 0.2                                   | 0.9                                   | -0.1                                  | 19.9                                 | 2.20      | 24.6      | 1.9      |
| KGKRC089 | 11.00     | 12.00   | 5964                                  | 10649                   | 1067                                  | 3061                                  | 205                                   | 35.1                                  | 55.5                                  | 3.8                                   | 9.1                                   | 0.9                                   | 1.1                                   | 0.2                                   | 0.5                                   | -0.1                                  | 19.4                                 | 2.11      | 24.3      | 2.0      |
| KGKRC089 | 12.00     | 13.00   | 5645                                  | 9943                    | 998                                   | 2844                                  | 193                                   | 32.5                                  | 53.2                                  | 3.4                                   | 9.1                                   | 1.0                                   | 1.1                                   | 0.2                                   | 0.4                                   | -0.1                                  | 17.4                                 | 1.97      | 23.3      | 2.0      |
| KGKRC089 | 13.00     | 14.00   | 5974                                  | 10482                   | 1038                                  | 2880                                  | 191                                   | 33.0                                  | 55.5                                  | 3.5                                   | 9.2                                   | 0.8                                   | 1.4                                   | 0.1                                   | 0.7                                   | -0.1                                  | 19.4                                 | 2.07      | 26.0      | 2.0      |
| KGKRC089 | 14.00     | 15.00   | 7373                                  | 12598                   | 1205                                  | 3377                                  | 220                                   | 37.4                                  | 60.3                                  | 3.9                                   | 9.6                                   | 0.9                                   | 1.7                                   | 0.2                                   | 0.8                                   | -0.1                                  | 19.9                                 | 2.49      | 25.8      | 2.3      |
| KGKRC089 | 15.00     | 16.00   | 5703                                  | 10019                   | 994                                   | 2848                                  | 198                                   | 32.9                                  | 55.9                                  | 3.5                                   | 9.2                                   | 0.9                                   | 1.7                                   | 0.1                                   | 1.3                                   | -0.1                                  | 21.2                                 | 1.99      | 26.8      | 3.0      |
| KGKRC089 | 16.00     | 17.00   | 7111                                  | 12390                   | 1236                                  | 3540                                  | 245                                   | 42.0                                  | 68.3                                  | 4.7                                   | 12.3                                  | 1.2                                   | 1.7                                   | 0.2                                   | 0.8                                   | 0.1                                   | 25.8                                 | 2.47      | 38.2      | 1.9      |
| KGKRC089 | 17.00     | 18.00   | 9557                                  | 16239                   | 1591                                  | 4453                                  | 303                                   | 53.3                                  | 90.1                                  | 6.4                                   | 17.0                                  | 1.7                                   | 3.0                                   | 0.2                                   | 1.9                                   | 0.2                                   | 38.4                                 | 3.24      | 49.0      | 1.8      |
| KGKRC089 | 18.00     | 19.00   | 6886                                  | 11851                   | 1161                                  | 3276                                  | 219                                   | 36.2                                  | 60.0                                  | 4.4                                   | 11.1                                  | 1.2                                   | 1.6                                   | 0.2                                   | 0.5                                   | -0.1                                  | 21.6                                 | 2.35      | 29.0      | 1.7      |
| KGKRC089 | 19.00     | 20.00   | 4955                                  | 8968                    | 903                                   | 2594                                  | 181                                   | 29.6                                  | 48.0                                  | 3.3                                   | 8.5                                   | 0.9                                   | 1.4                                   | 0.2                                   | 0.8                                   | -0.1                                  | 17.3                                 | 1.77      | 23.5      | 2.7      |
| KGKRC089 | 20.00     | 21.00   | 5511                                  | 10146                   | 1043                                  | 3014                                  | 209                                   | 35.4                                  | 57.1                                  | 3.9                                   | 9.6                                   | 1.2                                   | 1.3                                   | 0.1                                   | 0.7                                   | 0.1                                   | 22.1                                 | 2.01      | 30.4      | 1.6      |
| KGKRC089 | 21.00     | 22.00   | 5008                                  | 9048                    | 904                                   | 2640                                  | 181                                   | 30.0                                  | 50.8                                  | 3.2                                   | 8.7                                   | 0.9                                   | 1.4                                   | 0.1                                   | 0.8                                   | -0.1                                  | 19.9                                 | 1.79      | 27.8      | 4.2      |
| KGKRC089 | 22.00     | 23.00   | 6020                                  | 10354                   | 1024                                  | 2893                                  | 200                                   | 33.9                                  | 54.3                                  | 3.7                                   | 9.4                                   | 0.8                                   | 1.7                                   | 0.2                                   | 1.1                                   | 0.1                                   | 18.2                                 | 2.06      | 25.5      | 3.0      |
| KGKRC089 | 23.00     | 24.00   | 7368                                  | 12468                   | 1216                                  | 3404                                  | 229                                   | 38.1                                  | 62.3                                  | 4.1                                   | 10.1                                  | 1.2                                   | 1.5                                   | 0.2                                   | 0.8                                   | -0.1                                  | 21.0                                 | 2.48      | 28.0      | 3.1      |
| KGKRC089 | 24.00     | 25.00   | 8954                                  | 14952                   | 1489                                  | 4175                                  | 303                                   | 55.2                                  | 95.3                                  | 6.9                                   | 19.9                                  | 2.2                                   | 3.9                                   | 0.3                                   | 2.2                                   | 0.2                                   | 51.7                                 | 3.01      | 46.0      | 3.5      |
| KGKRC089 | 25.00     | 26.00   | 5466                                  | 9371                    | 924                                   | 2637                                  | 205                                   | 39.7                                  | 70.5                                  | 6.1                                   | 21.8                                  | 3.0                                   | 5.7                                   | 0.6                                   | 3.6                                   | 0.5                                   | 66.3                                 | 1.88      | 36.7      | 3.3      |
| KGKRC089 | 26.00     | 27.00   | 8299                                  | 14340                   | 1389                                  | 4017                                  | 295                                   | 55.1                                  | 102.2                                 | 7.7                                   | 22.7                                  | 2.5                                   | 4.7                                   | 0.6                                   | 2.5                                   | 0.5                                   | 58.7                                 | 2.86      | 57.9      | 3.1      |
| KGKRC089 | 27.00     | 28.00   | 13355                                 | 22673                   | 2176                                  | 6294                                  | 447                                   | 76.8                                  | 129.8                                 | 8.9                                   | 23.2                                  | 2.0                                   | 2.9                                   | 0.3                                   | 1.7                                   | 0.2                                   | 45.0                                 | 4.52      | 70.7      | 2.2      |

| Hole ID  | From<br>m | To<br>m | La <sub>2</sub> O <sub>3</sub><br>ppm | CeO <sub>2</sub><br>ppm | Pr <sub>2</sub> O <sub>3</sub><br>ppm | Nd <sub>2</sub> O <sub>3</sub><br>ppm | Sm <sub>2</sub> O <sub>3</sub><br>ppm | Eu <sub>2</sub> O <sub>3</sub><br>ppm | Gd <sub>2</sub> O <sub>3</sub><br>ppm | Tb <sub>2</sub> O <sub>3</sub><br>ppm | Dy <sub>2</sub> O <sub>3</sub><br>ppm | Ho <sub>2</sub> O <sub>3</sub><br>ppm | Er <sub>2</sub> O <sub>3</sub><br>ppm | Tm <sub>2</sub> O <sub>3</sub><br>ppm | Yb <sub>2</sub> O <sub>3</sub><br>ppm | Lu <sub>2</sub> O <sub>3</sub><br>ppm | Y <sub>2</sub> O <sub>3</sub><br>ppm | TREO<br>% | Th<br>ppm | U<br>ppm |
|----------|-----------|---------|---------------------------------------|-------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|--------------------------------------|-----------|-----------|----------|
| KGKRC089 | 28.00     | 29.00   | 5414                                  | 10342                   | 1065                                  | 3102                                  | 212                                   | 33.7                                  | 54.7                                  | 4.0                                   | 10.6                                  | 1.2                                   | 1.7                                   | 0.2                                   | 0.7                                   | 0.1                                   | 22.6                                 | 2.03      | 24.1      | 1.7      |
| KGKRC089 | 29.00     | 30.00   | 6317                                  | 12219                   | 1262                                  | 3579                                  | 237                                   | 35.3                                  | 55.8                                  | 3.8                                   | 7.9                                   | 0.8                                   | 1.3                                   | 0.2                                   | 0.8                                   | 0.1                                   | 18.3                                 | 2.37      | 20.2      | 2.0      |
| KGKRC089 | 30.00     | 31.00   | 5242                                  | 9830                    | 983                                   | 2882                                  | 206                                   | 32.7                                  | 54.9                                  | 3.9                                   | 10.2                                  | 1.0                                   | 1.7                                   | 0.2                                   | 0.9                                   | 0.1                                   | 24.0                                 | 1.93      | 25.8      | 2.0      |
| KGKRC089 | 31.00     | 32.00   | 7561                                  | 13958                   | 1397                                  | 4002                                  | 273                                   | 45.4                                  | 74.2                                  | 5.1                                   | 14.0                                  | 1.3                                   | 2.3                                   | 0.2                                   | 1.0                                   | 0.2                                   | 31.2                                 | 2.74      | 34.0      | 1.3      |
| KGKRC089 | 32.00     | 33.00   | 6574                                  | 12259                   | 1249                                  | 3639                                  | 249                                   | 40.5                                  | 67.2                                  | 4.6                                   | 11.8                                  | 1.2                                   | 1.9                                   | 0.2                                   | 0.6                                   | 0.2                                   | 26.8                                 | 2.41      | 29.1      | 1.4      |
| KGKRC089 | 33.00     | 34.00   | 9214                                  | 16652                   | 1637                                  | 4657                                  | 321                                   | 51.5                                  | 87.6                                  | 6.6                                   | 17.6                                  | 1.7                                   | 2.7                                   | 0.3                                   | 1.4                                   | 0.2                                   | 36.6                                 | 3.27      | 42.7      | 1.0      |
| KGKRC089 | 34.00     | 35.00   | 9483                                  | 15971                   | 1522                                  | 4282                                  | 321                                   | 58.7                                  | 101.7                                 | 8.4                                   | 25.1                                  | 2.4                                   | 4.1                                   | 0.3                                   | 1.7                                   | 0.2                                   | 56.3                                 | 3.18      | 67.2      | 1.2      |
| KGKRC089 | 35.00     | 36.00   | 9852                                  | 16635                   | 1566                                  | 4338                                  | 316                                   | 55.4                                  | 97.5                                  | 7.4                                   | 20.4                                  | 2.0                                   | 3.5                                   | 0.5                                   | 1.8                                   | 0.2                                   | 48.4                                 | 3.29      | 53.6      | 1.2      |
| KGKRC089 | 36.00     | 37.00   | 11291                                 | 19263                   | 1827                                  | 5176                                  | 371                                   | 61.4                                  | 102.5                                 | 7.5                                   | 21.2                                  | 1.8                                   | 2.7                                   | 0.3                                   | 1.1                                   | 0.2                                   | 40.8                                 | 3.82      | 67.7      | 1.5      |
| KGKRC089 | 37.00     | 38.00   | 11889                                 | 20146                   | 1911                                  | 5497                                  | 373                                   | 64.4                                  | 115.6                                 | 8.7                                   | 22.6                                  | 2.1                                   | 3.5                                   | 0.3                                   | 1.1                                   | 0.2                                   | 50.4                                 | 4.01      | 60.6      | 1.5      |
| KGKRC089 | 38.00     | 39.00   | 8866                                  | 14804                   | 1412                                  | 3970                                  | 285                                   | 47.8                                  | 90.1                                  | 7.1                                   | 21.6                                  | 2.1                                   | 3.4                                   | 0.5                                   | 1.7                                   | 0.2                                   | 47.9                                 | 2.96      | 49.8      | 1.4      |
| KGKRC089 | 39.00     | 40.00   | 6991                                  | 11780                   | 1110                                  | 3117                                  | 222                                   | 39.1                                  | 68.6                                  | 5.2                                   | 16.1                                  | 1.6                                   | 3.3                                   | 0.3                                   | 1.8                                   | 0.2                                   | 41.7                                 | 2.34      | 34.1      | 1.8      |
| KGKRC089 | 40.00     | 41.00   | 9828                                  | 16250                   | 1543                                  | 4261                                  | 290                                   | 49.9                                  | 85.5                                  | 6.4                                   | 17.6                                  | 1.7                                   | 2.9                                   | 0.3                                   | 2.3                                   | 0.2                                   | 39.5                                 | 3.24      | 46.9      | 2.3      |
| KGKRC089 | 41.00     | 42.00   | 13335                                 | 22553                   | 2166                                  | 6008                                  | 420                                   | 72.1                                  | 122.1                                 | 8.4                                   | 23.0                                  | 2.0                                   | 3.0                                   | 0.3                                   | 1.4                                   | 0.2                                   | 43.3                                 | 4.48      | 67.3      | 1.5      |
| KGKRC089 | 42.00     | 43.00   | 8153                                  | 14449                   | 1417                                  | 3975                                  | 271                                   | 44.0                                  | 74.7                                  | 5.4                                   | 14.9                                  | 1.5                                   | 2.6                                   | 0.3                                   | 1.5                                   | 0.2                                   | 32.5                                 | 2.84      | 36.0      | 1.9      |
| KGKRC089 | 43.00     | 44.00   | 5438                                  | 10229                   | 1016                                  | 2944                                  | 200                                   | 31.2                                  | 50.9                                  | 3.7                                   | 8.7                                   | 1.0                                   | 2.1                                   | 0.2                                   | 0.8                                   | 0.1                                   | 24.3                                 | 2.00      | 21.4      | 2.1      |
| KGKRC089 | 44.00     | 45.00   | 9132                                  | 15863                   | 1520                                  | 4212                                  | 282                                   | 45.5                                  | 74.9                                  | 5.9                                   | 16.9                                  | 1.6                                   | 2.5                                   | 0.3                                   | 1.2                                   | 0.2                                   | 40.3                                 | 3.12      | 34.7      | 1.7      |
| KGKRC089 | 45.00     | 46.00   | 6863                                  | 13191                   | 1350                                  | 3952                                  | 264                                   | 40.3                                  | 62.8                                  | 4.5                                   | 9.8                                   | 0.9                                   | 1.0                                   | 0.2                                   | 0.8                                   | 0.2                                   | 18.8                                 | 2.58      | 24.3      | 1.4      |
| KGKRC089 | 46.00     | 47.00   | 5739                                  | 11020                   | 1127                                  | 3274                                  | 219                                   | 34.3                                  | 55.5                                  | 3.9                                   | 9.8                                   | 1.0                                   | 1.5                                   | 0.2                                   | 0.8                                   | 0.1                                   | 21.1                                 | 2.15      | 26.0      | 1.8      |
| KGKRC089 | 47.00     | 48.00   | 2743                                  | 5320                    | 536                                   | 1556                                  | 106                                   | 16.2                                  | 28.8                                  | 2.0                                   | 5.7                                   | 0.6                                   | 1.3                                   | 0.1                                   | 0.6                                   | -0.1                                  | 14.4                                 | 1.03      | 9.8       | 0.4      |
| KGKRC089 | 48.00     | 49.00   | 5404                                  | 10531                   | 1090                                  | 3182                                  | 207                                   | 32.5                                  | 50.0                                  | 3.3                                   | 8.3                                   | 0.7                                   | 1.5                                   | 0.2                                   | 0.5                                   | 0.1                                   | 17.5                                 | 2.05      | 21.6      | 2.8      |
| KGKRC089 | 49.00     | 50.00   | 6873                                  | 13797                   | 1454                                  | 4311                                  | 298                                   | 47.0                                  | 73.6                                  | 4.8                                   | 11.0                                  | 1.0                                   | 1.5                                   | 0.2                                   | 0.8                                   | 0.1                                   | 24.3                                 | 2.69      | 40.9      | 1.0      |
| KGKRC089 | 50.00     | 51.00   | 4691                                  | 9565                    | 1016                                  | 2966                                  | 196                                   | 29.9                                  | 44.8                                  | 3.1                                   | 6.4                                   | 0.7                                   | 1.0                                   | 0.1                                   | 0.6                                   | -0.1                                  | 14.0                                 | 1.85      | 18.2      | 0.9      |
| KGKRC089 | 51.00     | 52.00   | 9019                                  | 16504                   | 1648                                  | 4747                                  | 326                                   | 52.8                                  | 94.4                                  | 5.5                                   | 13.5                                  | 1.4                                   | 2.1                                   | 0.2                                   | 1.0                                   | 0.1                                   | 29.2                                 | 3.24      | 43.2      | 0.7      |
| KGKRC089 | 52.00     | 53.00   | 6073                                  | 11831                   | 1234                                  | 3543                                  | 233                                   | 35.2                                  | 56.4                                  | 3.8                                   | 8.5                                   | 0.8                                   | 1.4                                   | 0.2                                   | 0.7                                   | 0.1                                   | 18.3                                 | 2.30      | 23.9      | 1.3      |
| KGKRC089 | 53.00     | 54.00   | 4034                                  | 7930                    | 831                                   | 2427                                  | 154                                   | 22.1                                  | 38.6                                  | 2.6                                   | 6.7                                   | 0.6                                   | 1.3                                   | 0.1                                   | 0.6                                   | 0.1                                   | 14.6                                 | 1.55      | 14.8      | 6.8      |
| KGKRC089 | 54.00     | 55.00   | 6329                                  | 12588                   | 1308                                  | 3785                                  | 243                                   | 35.9                                  | 58.2                                  | 3.9                                   | 8.3                                   | 1.0                                   | 1.4                                   | 0.1                                   | 0.6                                   | -0.1                                  | 18.4                                 | 2.44      | 27.6      | 3.0      |
| KGKRC089 | 55.00     | 56.00   | 6009                                  | 11548                   | 1194                                  | 3437                                  | 229                                   | 33.9                                  | 57.8                                  | 3.9                                   | 8.8                                   | 0.9                                   | 1.4                                   | -0.1                                  | 0.6                                   | 0.1                                   | 21.0                                 | 2.25      | 24.9      | 1.3      |
| KGKRC089 | 56.00     | 57.00   | 7979                                  | 15751                   | 1658                                  | 4774                                  | 295                                   | 43.5                                  | 71.6                                  | 4.5                                   | 9.4                                   | 0.9                                   | 1.4                                   | 0.1                                   | 0.7                                   | 0.1                                   | 19.8                                 | 3.06      | 27.3      | 1.1      |
| KGKRC089 | 57.00     | 58.00   | 6268                                  | 12816                   | 1341                                  | 4004                                  | 253                                   | 38.8                                  | 60.4                                  | 3.7                                   | 8.4                                   | 0.8                                   | 1.1                                   | 0.1                                   | 0.6                                   | 0.2                                   | 16.9                                 | 2.48      | 20.6      | 0.4      |
| KGKRC089 | 58.00     | 59.00   | 3718                                  | 7725                    | 805                                   | 2441                                  | 151                                   | 23.0                                  | 35.2                                  | 2.4                                   | 5.7                                   | 0.6                                   | 1.3                                   | 0.2                                   | 0.5                                   | 0.1                                   | 13.8                                 | 1.49      | 13.2      | 0.5      |
| KGKRC089 | 59.00     | 60.00   | 4172                                  | 8649                    | 923                                   | 2734                                  | 175                                   | 25.5                                  | 39.7                                  | 2.6                                   | 6.1                                   | 0.6                                   | 0.8                                   | -0.1                                  | 0.8                                   | -0.1                                  | 12.7                                 | 1.67      | 15.8      | 2.7      |
| KGKRC089 | 60.00     | 61.00   | 5972                                  | 11785                   | 1222                                  | 3586                                  | 234                                   | 35.2                                  | 54.2                                  | 3.8                                   | 8.7                                   | 0.9                                   | 1.4                                   | 0.2                                   | 0.8                                   | 0.2                                   | 19.9                                 | 2.29      | 21.2      | 1.3      |
| KGKRC089 | 61.00     | 62.00   | 6205                                  | 12490                   | 1301                                  | 3712                                  | 234                                   | 35.6                                  | 53.9                                  | 3.7                                   | 8.8                                   | 0.9                                   | 1.1                                   | 0.2                                   | 0.6                                   | -0.1                                  | 17.7                                 | 2.41      | 26.5      | 2.5      |
| KGKRC089 | 62.00     | 63.00   | 4033                                  | 8294                    | 864                                   | 2564                                  | 170                                   | 25.0                                  | 43.4                                  | 3.2                                   | 8.2                                   | 0.9                                   | 1.1                                   | 0.2                                   | 1.0                                   | 0.1                                   | 19.2                                 | 1.60      | 28.3      | 1.0      |
| KGKRC089 | 63.00     | 64.00   | 3670                                  | 7491                    | 772                                   | 2318                                  | 151                                   | 22.7                                  | 36.6                                  | 2.2                                   | 6.3                                   | 0.6                                   | 1.1                                   | 0.1                                   | 0.8                                   | 0.1                                   | 13.2                                 | 1.45      | 14.4      | 0.3      |
| KGKRC089 | 64.00     | 65.00   | 3971                                  | 7884                    | 828                                   | 2467                                  | 164                                   | 24.2                                  | 39.8                                  | 2.6                                   | 6.9                                   | 0.7                                   | 1.4                                   | 0.2                                   | 0.6                                   | 0.1                                   | 16.5                                 | 1.54      | 17.5      | 0.6      |
| KGKRC089 | 65.00     | 66.00   | 5280                                  | 10639                   | 1123                                  | 3323                                  | 218                                   | 32.9                                  | 52.7                                  | 3.4                                   | 8.0                                   | 0.8                                   | 1.4                                   | 0.1                                   | 1.0                                   | 0.1                                   | 18.2                                 | 2.07      | 19.9      | 2.1      |
| KGKRC089 | 66.00     | 67.00   | 3824                                  | 7544                    | 778                                   | 2322                                  | 156                                   | 25.6                                  | 40.2                                  | 2.7                                   | 7.7                                   | 0.7                                   | 1.6                                   | 0.2                                   | 0.8                                   | 0.2                                   | 19.7                                 | 1.47      | 21.2      | 1.8      |
| KGKRC089 | 67.00     | 68.00   | 4265                                  | 8873                    | 959                                   | 2821                                  | 189                                   | 26.4                                  | 43.1                                  | 2.7                                   | 7.4                                   | 0.7                                   | 1.1                                   | 0.1                                   | 0.5                                   | -0.1                                  | 15.2                                 | 1.72      | 18.8      | 4.9      |
| KGKRC089 | 68.00     | 69.00   | 4055                                  | 8446                    | 898                                   | 2707                                  | 168                                   | 25.8                                  | 39.3                                  | 2.8                                   | 6.2                                   | 0.8                                   | 1.0                                   | 0.2                                   | 0.9                                   | 0.2                                   | 13.7                                 | 1.64      | 14.4      | 2.2      |
| KGKRC089 | 69.00     | 70.00   | 5491                                  | 10597                   | 1080                                  | 3162                                  | 212                                   | 34.0                                  | 53.4                                  | 3.7                                   | 9.0                                   | 0.9                                   | 1.8                                   | 0.2                                   | 0.7                                   | -0.1                                  | 20.2                                 | 2.07      | 25.7      | 4.1      |
| KGKRC089 | 70.00     | 71.00   | 7397                                  | 14223                   | 1445                                  | 4186                                  | 300                                   | 48.4                                  | 80.7                                  | 5.8                                   | 13.8                                  | 1.3                                   | 2.2                                   | 0.2                                   | 1.3                                   | 0.2                                   | 30.5                                 | 2.77      | 42.2      | 0.9      |
| KGKRC089 | 71.00     | 72.00   | 6219                                  | 12498                   | 1302                                  | 3780                                  | 243                                   | 36.8                                  | 61.9                                  | 4.0                                   | 9.0                                   | 1.0                                   | 1.6                                   | 0.2                                   | 0.8                                   | 0.1                                   | 19.4                                 | 2.42      | 26.6      | 1.6      |
| KGKRC089 | 72.00     | 73.00   | 3689                                  | 7454                    | 758                                   | 2209                                  | 141                                   | 22.1                                  | 36.2                                  | 2.6                                   | 7.5                                   | 0.8                                   | 1.3                                   | 0.2                                   | 0.5                                   | -0.1                                  | 16.6                                 | 1.43      | 20.5      | 5.1      |

| Hole ID  | From<br>m | To<br>m | La <sub>2</sub> O <sub>3</sub><br>ppm | CeO <sub>2</sub><br>ppm | Pr <sub>2</sub> O <sub>3</sub><br>ppm | Nd <sub>2</sub> O <sub>3</sub><br>ppm | Sm <sub>2</sub> O <sub>3</sub><br>ppm | Eu <sub>2</sub> O <sub>3</sub><br>ppm | Gd <sub>2</sub> O <sub>3</sub><br>ppm | Tb <sub>2</sub> O <sub>3</sub><br>ppm | Dy <sub>2</sub> O <sub>3</sub><br>ppm | Ho <sub>2</sub> O <sub>3</sub><br>ppm | Er <sub>2</sub> O <sub>3</sub><br>ppm | Tm <sub>2</sub> O <sub>3</sub><br>ppm | Yb <sub>2</sub> O <sub>3</sub><br>ppm | Lu <sub>2</sub> O <sub>3</sub><br>ppm | Y <sub>2</sub> O <sub>3</sub><br>ppm | TREO<br>% | Th<br>ppm | U<br>ppm |
|----------|-----------|---------|---------------------------------------|-------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|--------------------------------------|-----------|-----------|----------|
| KGKRC089 | 73.00     | 74.00   | 4678                                  | 9699                    | 994                                   | 2951                                  | 200                                   | 29.3                                  | 52.2                                  | 4.1                                   | 11.4                                  | 1.3                                   | 1.8                                   | 0.2                                   | 0.7                                   | 0.1                                   | 27.4                                 | 1.87      | 39.2      | 0.5      |
| KGKRC089 | 74.00     | 75.00   | 4896                                  | 9594                    | 975                                   | 2873                                  | 197                                   | 30.3                                  | 51.6                                  | 3.9                                   | 10.0                                  | 0.9                                   | 1.9                                   | 0.2                                   | 1.0                                   | 0.2                                   | 24.4                                 | 1.87      | 28.7      | 0.6      |
| KGKRC089 | 75.00     | 76.00   | 4787                                  | 9593                    | 989                                   | 2866                                  | 194                                   | 29.5                                  | 48.9                                  | 3.7                                   | 9.5                                   | 0.7                                   | 1.5                                   | 0.1                                   | 0.6                                   | -0.1                                  | 20.1                                 | 1.85      | 26.4      | 0.6      |
| KGKRC089 | 76.00     | 77.00   | 4419                                  | 8817                    | 897                                   | 2545                                  | 167                                   | 26.3                                  | 42.6                                  | 3.2                                   | 8.5                                   | 0.8                                   | 1.3                                   | 0.2                                   | 0.8                                   | 0.1                                   | 21.7                                 | 1.70      | 19.6      | 0.5      |
| KGKRC089 | 77.00     | 78.00   | 4500                                  | 9254                    | 949                                   | 2733                                  | 167                                   | 25.9                                  | 43.4                                  | 3.1                                   | 8.0                                   | 0.8                                   | 1.7                                   | 0.2                                   | 1.0                                   | 0.1                                   | 21.6                                 | 1.77      | 19.7      | 2.6      |
| KGKRC089 | 78.00     | 79.00   | 3837                                  | 7763                    | 803                                   | 2384                                  | 155                                   | 23.3                                  | 37.3                                  | 2.9                                   | 7.6                                   | 0.7                                   | 1.4                                   | 0.1                                   | 0.6                                   | 0.1                                   | 16.4                                 | 1.50      | 17.9      | 1.2      |
| KGKRC089 | 79.00     | 80.00   | 3682                                  | 7505                    | 764                                   | 2270                                  | 146                                   | 22.0                                  | 34.9                                  | 2.6                                   | 6.8                                   | 0.7                                   | 1.3                                   | 0.1                                   | 0.5                                   | -0.1                                  | 15.0                                 | 1.45      | 16.5      | 0.5      |
| KGKRC089 | 80.00     | 81.00   | 4576                                  | 9312                    | 948                                   | 2731                                  | 166                                   | 24.4                                  | 39.2                                  | 2.8                                   | 6.0                                   | 0.8                                   | 1.1                                   | 0.1                                   | 0.6                                   | -0.1                                  | 15.0                                 | 1.78      | 17.4      | 1.1      |
| KGKRC089 | 81.00     | 82.00   | 5557                                  | 10909                   | 1085                                  | 3097                                  | 201                                   | 29.9                                  | 50.0                                  | 3.7                                   | 9.0                                   | 0.9                                   | 1.5                                   | 0.1                                   | 0.6                                   | -0.1                                  | 19.7                                 | 2.10      | 23.7      | 1.7      |
| KGKRC089 | 82.00     | 83.00   | 5297                                  | 10551                   | 1065                                  | 3095                                  | 203                                   | 31.0                                  | 51.2                                  | 3.5                                   | 9.1                                   | 0.8                                   | 1.5                                   | 0.2                                   | 1.0                                   | 0.1                                   | 19.6                                 | 2.03      | 23.1      | 1.2      |
| KGKRC089 | 83.00     | 84.00   | 7422                                  | 14409                   | 1390                                  | 3866                                  | 250                                   | 36.5                                  | 63.9                                  | 5.2                                   | 13.3                                  | 1.3                                   | 2.2                                   | 0.2                                   | 0.8                                   | 0.1                                   | 28.8                                 | 2.75      | 48.4      | 0.7      |
| KGKRC089 | 84.00     | 85.00   | 5112                                  | 9874                    | 977                                   | 2833                                  | 183                                   | 27.6                                  | 47.3                                  | 3.4                                   | 7.9                                   | 0.8                                   | 1.4                                   | 0.2                                   | 0.9                                   | 0.2                                   | 18.8                                 | 1.91      | 21.2      | 0.7      |
| KGKRC089 | 85.00     | 86.00   | 10733                                 | 17881                   | 1637                                  | 4584                                  | 325                                   | 52.3                                  | 89.3                                  | 6.5                                   | 16.0                                  | 1.7                                   | 2.4                                   | 0.2                                   | 0.8                                   | 0.2                                   | 35.8                                 | 3.54      | 37.9      | 0.6      |
| KGKRC089 | 86.00     | 87.00   | 10161                                 | 17466                   | 1647                                  | 4516                                  | 307                                   | 49.9                                  | 88.3                                  | 6.2                                   | 17.1                                  | 1.5                                   | 2.1                                   | 0.3                                   | 1.2                                   | 0.1                                   | 34.3                                 | 3.43      | 41.3      | 0.7      |
| KGKRC089 | 87.00     | 88.00   | 16360                                 | 27657                   | 2618                                  | 7357                                  | 528                                   | 90.9                                  | 162.3                                 | 11.9                                  | 32.1                                  | 2.9                                   | 4.1                                   | 0.3                                   | 1.4                                   | 0.2                                   | 62.6                                 | 5.49      | 103.5     | 0.7      |
| KGKRC089 | 88.00     | 89.00   | 16098                                 | 26633                   | 2468                                  | 6905                                  | 492                                   | 83.3                                  | 152.7                                 | 10.8                                  | 29.5                                  | 2.5                                   | 4.5                                   | 0.3                                   | 1.8                                   | 0.3                                   | 58.2                                 | 5.29      | 91.7      | 0.9      |
| KGKRC089 | 89.00     | 90.00   | 19339                                 | 32505                   | 3017                                  | 8524                                  | 596                                   | 101.3                                 | 191.1                                 | 13.4                                  | 31.2                                  | 2.8                                   | 4.2                                   | 0.3                                   | 1.6                                   | 0.2                                   | 57.9                                 | 6.44      | 117.1     | 0.4      |
| KGKRC089 | 90.00     | 91.00   | 27105                                 | 45219                   | 4181                                  | 11762                                 | 814                                   | 132.4                                 | 240.1                                 | 16.4                                  | 36.5                                  | 2.9                                   | 4.4                                   | 0.3                                   | 1.2                                   | 0.2                                   | 59.3                                 | 8.96      | 155.1     | 0.6      |
| KGKRC089 | 91.00     | 92.00   | 18895                                 | 32458                   | 3002                                  | 8523                                  | 629                                   | 107.9                                 | 190.7                                 | 12.9                                  | 31.8                                  | 2.5                                   | 3.9                                   | 0.3                                   | 1.7                                   | 0.2                                   | 52.1                                 | 6.39      | 128.8     | 0.5      |
| KGKRC089 | 92.00     | 93.00   | 13241                                 | 22291                   | 2034                                  | 5802                                  | 409                                   | 66.4                                  | 119.7                                 | 8.6                                   | 21.2                                  | 1.8                                   | 2.7                                   | 0.2                                   | 1.3                                   | 0.1                                   | 40.1                                 | 4.40      | 73.6      | 0.5      |
| KGKRC089 | 93.00     | 94.00   | 7538                                  | 12846                   | 1158                                  | 3181                                  | 221                                   | 36.9                                  | 69.9                                  | 4.8                                   | 13.7                                  | 1.4                                   | 2.4                                   | 0.1                                   | 1.2                                   | 0.1                                   | 33.3                                 | 2.51      | 37.5      | 0.7      |
| KGKRC089 | 94.00     | 95.00   | 5555                                  | 9396                    | 878                                   | 2428                                  | 185                                   | 31.6                                  | 58.8                                  | 4.7                                   | 15.3                                  | 1.5                                   | 3.0                                   | 0.2                                   | 1.2                                   | 0.2                                   | 37.2                                 | 1.86      | 35.3      | 0.9      |
| KGKRC089 | 95.00     | 96.00   | 8201                                  | 14090                   | 1284                                  | 3546                                  | 252                                   | 43.1                                  | 76.7                                  | 6.0                                   | 16.3                                  | 1.8                                   | 2.9                                   | 0.3                                   | 1.9                                   | 0.2                                   | 40.6                                 | 2.76      | 42.0      | 0.7      |
| KGKRC089 | 96.00     | 97.00   | 7845                                  | 13183                   | 1232                                  | 3341                                  | 242                                   | 40.9                                  | 69.5                                  | 5.2                                   | 13.2                                  | 1.4                                   | 2.6                                   | 0.3                                   | 1.3                                   | 0.2                                   | 33.0                                 | 2.60      | 34.7      | 0.6      |
| KGKRC089 | 97.00     | 98.00   | 4641                                  | 8091                    | 736                                   | 2068                                  | 147                                   | 25.6                                  | 46.4                                  | 3.9                                   | 10.3                                  | 1.3                                   | 2.3                                   | 0.1                                   | 1.2                                   | 0.2                                   | 27.6                                 | 1.58      | 21.3      | 0.7      |
| KGKRC089 | 98.00     | 99.00   | 5903                                  | 10063                   | 955                                   | 2649                                  | 198                                   | 32.2                                  | 58.5                                  | 4.5                                   | 13.0                                  | 1.2                                   | 2.3                                   | 0.2                                   | 1.2                                   | 0.2                                   | 29.2                                 | 1.99      | 28.9      | 0.7      |
| KGKRC089 | 99.00     | 100.00  | 7659                                  | 13348                   | 1250                                  | 3416                                  | 243                                   | 43.2                                  | 72.3                                  | 5.8                                   | 16.8                                  | 1.7                                   | 3.3                                   | 0.3                                   | 2.3                                   | 0.3                                   | 39.5                                 | 2.61      | 36.2      | 1.0      |
| KGKRC100 | 0.00      | 1.00    | NS                                    | NS                      | NS                                    | NS                                    | NS                                    | NS                                    | NS                                    | NS                                    | NS                                    | NS                                    | NS                                    | NS                                    | NS                                    | NS                                    | NS                                   | NS        | NS        | NS       |
| KGKRC100 | 1.00      | 2.00    | NS                                    | NS                      | NS                                    | NS                                    | NS                                    | NS                                    | NS                                    | NS                                    | NS                                    | NS                                    | NS                                    | NS                                    | NS                                    | NS                                    | NS                                   | NS        | NS        | NS       |
| KGKRC100 | 2.00      | 3.00    | 17749                                 | 35415                   | 3686                                  | 11132                                 | 814                                   | 137.9                                 | 232.2                                 | 18.0                                  | 54.2                                  | 5.2                                   | 7.3                                   | 0.6                                   | 4.1                                   | 0.5                                   | 113.4                                | 6.94      | 190.3     | 7.8      |
| KGKRC100 | 3.00      | 4.00    | 17335                                 | 34955                   | 3591                                  | 10906                                 | 811                                   | 140.5                                 | 236.4                                 | 17.4                                  | 51.0                                  | 4.6                                   | 7.1                                   | 0.6                                   | 2.1                                   | 0.3                                   | 106.4                                | 6.82      | 183.8     | 7.6      |
| KGKRC100 | 4.00      | 5.00    | 17532                                 | 34796                   | 3597                                  | 10812                                 | 805                                   | 132.8                                 | 222.0                                 | 16.5                                  | 42.8                                  | 4.1                                   | 6.5                                   | 0.6                                   | 2.5                                   | 0.3                                   | 92.6                                 | 6.81      | 165.4     | 5.8      |
| KGKRC100 | 5.00      | 6.00    | 19488                                 | 39130                   | 4078                                  | 12324                                 | 940                                   | 159.3                                 | 267.9                                 | 20.4                                  | 53.6                                  | 5.2                                   | 7.2                                   | 0.6                                   | 3.6                                   | 0.5                                   | 112.1                                | 7.66      | 211.9     | 4.9      |
| KGKRC100 | 6.00      | 7.00    | 31808                                 | 63805                   | 6782                                  | 20425                                 | 1526                                  | 259.0                                 | 433.3                                 | 30.9                                  | 82.8                                  | 7.6                                   | 10.3                                  | 0.8                                   | 3.8                                   | 0.5                                   | 157.5                                | 12.53     | 333.8     | 6.0      |
| KGKRC100 | 7.00      | 8.00    | 20381                                 | 41568                   | 4316                                  | 12652                                 | 934                                   | 153.1                                 | 251.9                                 | 17.6                                  | 45.0                                  | 4.4                                   | 7.1                                   | 0.8                                   | 3.0                                   | 0.3                                   | 96.8                                 | 8.04      | 162.0     | 3.4      |
| KGKRC100 | 8.00      | 9.00    | 12668                                 | 24497                   | 2452                                  | 7001                                  | 484                                   | 75.6                                  | 122.6                                 | 9.3                                   | 23.2                                  | 2.2                                   | 3.1                                   | 0.3                                   | 1.1                                   | 0.1                                   | 46.1                                 | 4.74      | 72.0      | 1.5      |
| KGKRC100 | 9.00      | 10.00   | 10025                                 | 20924                   | 2196                                  | 6471                                  | 436                                   | 68.1                                  | 106.9                                 | 7.3                                   | 19.5                                  | 2.2                                   | 2.6                                   | 0.2                                   | 1.1                                   | 0.1                                   | 39.8                                 | 4.03      | 63.3      | 2.3      |
| KGKRC100 | 10.00     | 11.00   | 12879                                 | 25060                   | 2513                                  | 7322                                  | 503                                   | 82.3                                  | 134.0                                 | 10.4                                  | 25.6                                  | 2.8                                   | 3.0                                   | 0.3                                   | 1.0                                   | 0.2                                   | 52.2                                 | 4.86      | 83.1      | 2.4      |
| KGKRC100 | 11.00     | 12.00   | 8935                                  | 17724                   | 1806                                  | 5295                                  | 399                                   | 67.3                                  | 120.3                                 | 9.4                                   | 25.0                                  | 2.6                                   | 3.1                                   | 0.3                                   | 1.4                                   | 0.2                                   | 53.7                                 | 3.44      | 97.9      | 2.4      |
| KGKRC100 | 12.00     | 13.00   | 11289                                 | 23591                   | 2550                                  | 7557                                  | 600                                   | 102.5                                 | 172.6                                 | 12.1                                  | 31.9                                  | 2.9                                   | 4.2                                   | 0.3                                   | 1.4                                   | 0.1                                   | 61.5                                 | 4.60      | 155.1     | 2.8      |
| KGKRC100 | 13.00     | 14.00   | 7588                                  | 15125                   | 1570                                  | 4583                                  | 340                                   | 55.8                                  | 99.5                                  | 8.1                                   | 23.8                                  | 2.4                                   | 3.1                                   | 0.2                                   | 1.5                                   | 0.1                                   | 51.6                                 | 2.95      | 75.8      | 5.7      |
| KGKRC100 | 14.00     | 15.00   | 7232                                  | 14577                   | 1530                                  | 4551                                  | 339                                   | 56.3                                  | 94.3                                  | 6.8                                   | 19.3                                  | 1.8                                   | 2.7                                   | 0.2                                   | 1.0                                   | 0.1                                   | 41.5                                 | 2.85      | 62.9      | 5.7      |
| KGKRC100 | 15.00     | 16.00   | 7593                                  | 15110                   | 1566                                  | 4636                                  | 338                                   | 57.0                                  | 89.4                                  | 6.6                                   | 18.4                                  | 1.7                                   | 2.9                                   | 0.2                                   | 1.1                                   | -0.1                                  | 37.2                                 | 2.95      | 51.7      | 3.5      |
| KGKRC100 | 16.00     | 17.00   | 9094                                  | 17961                   | 1831                                  | 5379                                  | 386                                   | 64.8                                  | 110.4                                 | 8.2                                   | 20.7                                  | 2.1                                   | 3.4                                   | 0.2                                   | 1.1                                   | 0.1                                   | 45.8                                 | 3.49      | 72.5      | 3.3      |
| KGKRC100 | 17.00     | 18.00   | 7436                                  | 14768                   | 1549                                  | 4451                                  | 320                                   | 50.6                                  | 82.6                                  | 6.1                                   | 14.1                                  | 1.5                                   | 2.1                                   | 0.1                                   | 1.3                                   | 0.1                                   | 32.4                                 | 2.87      | 43.4      | 5.8      |

# LINDIAN

RESOURCES LTD.

| Hole ID  | From<br>m | To<br>m | La <sub>2</sub> O <sub>3</sub><br>ppm | CeO <sub>2</sub><br>ppm | Pr <sub>2</sub> O <sub>3</sub><br>ppm | Nd <sub>2</sub> O <sub>3</sub><br>ppm | Sm <sub>2</sub> O <sub>3</sub><br>ppm | Eu <sub>2</sub> O <sub>3</sub><br>ppm | Gd <sub>2</sub> O <sub>3</sub><br>ppm | Tb <sub>2</sub> O <sub>3</sub><br>ppm | Dy <sub>2</sub> O <sub>3</sub><br>ppm | Ho <sub>2</sub> O <sub>3</sub><br>ppm | Er <sub>2</sub> O <sub>3</sub><br>ppm | Tm <sub>2</sub> O <sub>3</sub><br>ppm | Yb <sub>2</sub> O <sub>3</sub><br>ppm | Lu <sub>2</sub> O <sub>3</sub><br>ppm | Y <sub>2</sub> O <sub>3</sub><br>ppm | TREO<br>% | Th<br>ppm | U<br>ppm |
|----------|-----------|---------|---------------------------------------|-------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|--------------------------------------|-----------|-----------|----------|
| KGKRC100 | 18.00     | 19.00   | 7209                                  | 13930                   | 1406                                  | 4077                                  | 289                                   | 46.8                                  | 76.3                                  | 5.9                                   | 16.3                                  | 1.5                                   | 2.1                                   | 0.1                                   | 1.1                                   | 0.1                                   | 33.5                                 | 2.71      | 48.2      | 3.7      |
| KGKRC100 | 19.00     | 20.00   | 5627                                  | 11099                   | 1156                                  | 3382                                  | 272                                   | 52.5                                  | 94.0                                  | 7.9                                   | 22.3                                  | 2.2                                   | 3.1                                   | 0.2                                   | 0.8                                   | 0.1                                   | 49.7                                 | 2.18      | 82.0      | 3.7      |
| KGKRC100 | 20.00     | 21.00   | 5305                                  | 10720                   | 1142                                  | 3413                                  | 280                                   | 50.1                                  | 92.1                                  | 7.2                                   | 22.3                                  | 2.3                                   | 3.4                                   | 0.5                                   | 2.6                                   | 0.3                                   | 61.0                                 | 2.11      | 65.4      | 2.8      |
| KGKRC100 | 21.00     | 22.00   | NS                                    | NS                      | NS                                    | NS                                    | NS                                    | NS                                    | NS                                    | NS                                    | NS                                    | NS                                    | NS                                    | NS                                    | NS                                    | NS                                    | NS                                   | NS        | NS        | NS       |
| KGKRC100 | 22.00     | 23.00   | 5471                                  | 10854                   | 1135                                  | 3424                                  | 287                                   | 51.9                                  | 96.1                                  | 8.2                                   | 25.6                                  | 2.4                                   | 4.2                                   | 0.6                                   | 2.6                                   | 0.5                                   | 65.4                                 | 2.14      | 87.5      | 12.5     |
| KGKRC100 | 23.00     | 24.00   | 3487                                  | 6499                    | 678                                   | 2007                                  | 173                                   | 34.4                                  | 65.4                                  | 6.1                                   | 22.5                                  | 3.3                                   | 6.8                                   | 0.8                                   | 4.3                                   | 0.6                                   | 82.5                                 | 1.31      | 34.8      | 8.8      |
| KGKRC100 | 24.00     | 25.00   | 6365                                  | 11740                   | 1161                                  | 3279                                  | 220                                   | 34.4                                  | 59.7                                  | 3.9                                   | 10.6                                  | 1.4                                   | 1.9                                   | 0.2                                   | 1.6                                   | 0.1                                   | 28.2                                 | 2.29      | 31.2      | 7.3      |
| KGKRC100 | 25.00     | 26.00   | 7098                                  | 13946                   | 1444                                  | 4309                                  | 312                                   | 50.0                                  | 81.2                                  | 5.7                                   | 13.7                                  | 1.3                                   | 2.4                                   | 0.2                                   | 1.3                                   | 0.1                                   | 31.5                                 | 2.73      | 43.3      | 6.3      |
| KGKRC100 | 26.00     | 27.00   | 5769                                  | 11794                   | 1220                                  | 3580                                  | 257                                   | 43.2                                  | 70.9                                  | 5.2                                   | 15.2                                  | 1.6                                   | 2.4                                   | 0.3                                   | 1.3                                   | 0.2                                   | 33.7                                 | 2.28      | 44.2      | 8.5      |
| KGKRC100 | 27.00     | 28.00   | 5510                                  | 11417                   | 1212                                  | 3609                                  | 279                                   | 44.4                                  | 77.4                                  | 5.3                                   | 14.6                                  | 1.5                                   | 1.9                                   | 0.2                                   | 1.1                                   | 0.2                                   | 31.0                                 | 2.22      | 46.4      | 7.4      |
| KGKRC100 | 28.00     | 29.00   | 7424                                  | 15522                   | 1642                                  | 4897                                  | 368                                   | 60.1                                  | 98.3                                  | 7.1                                   | 18.5                                  | 1.8                                   | 3.0                                   | 0.2                                   | 1.5                                   | 0.2                                   | 42.8                                 | 3.01      | 60.0      | 7.2      |
| KGKRC100 | 29.00     | 30.00   | 5644                                  | 11744                   | 1262                                  | 3822                                  | 295                                   | 48.1                                  | 80.9                                  | 5.4                                   | 14.6                                  | 1.5                                   | 2.3                                   | 0.2                                   | 1.0                                   | 0.2                                   | 31.0                                 | 2.30      | 44.4      | 8.7      |
| KGKRC100 | 30.00     | 31.00   | 7290                                  | 15003                   | 1581                                  | 4788                                  | 353                                   | 55.6                                  | 90.8                                  | 6.4                                   | 16.4                                  | 1.5                                   | 2.7                                   | 0.2                                   | 1.1                                   | 0.1                                   | 32.8                                 | 2.92      | 48.4      | 6.2      |
| KGKRC100 | 31.00     | 32.00   | 5181                                  | 10789                   | 1150                                  | 3480                                  | 258                                   | 39.1                                  | 65.1                                  | 4.5                                   | 12.6                                  | 1.0                                   | 1.7                                   | 0.1                                   | 0.6                                   | 0.1                                   | 24.0                                 | 2.10      | 31.2      | 6.5      |
| KGKRC100 | 32.00     | 33.00   | 4933                                  | 10398                   | 1136                                  | 3471                                  | 264                                   | 40.9                                  | 68.4                                  | 4.9                                   | 13.1                                  | 1.3                                   | 1.9                                   | 0.3                                   | 1.1                                   | 0.2                                   | 26.7                                 | 2.04      | 37.6      | 6.3      |
| KGKRC100 | 33.00     | 34.00   | 7879                                  | 16506                   | 1787                                  | 5317                                  | 379                                   | 57.8                                  | 93.5                                  | 6.7                                   | 19.6                                  | 2.0                                   | 3.0                                   | 0.2                                   | 1.7                                   | 0.2                                   | 40.8                                 | 3.21      | 55.3      | 3.6      |
| KGKRC100 | 34.00     | 35.00   | 6005                                  | 12638                   | 1382                                  | 4187                                  | 323                                   | 51.1                                  | 86.9                                  | 6.2                                   | 16.5                                  | 1.7                                   | 2.1                                   | 0.2                                   | 1.1                                   | 0.2                                   | 36.3                                 | 2.47      | 50.8      | 6.6      |
| KGKRC100 | 35.00     | 36.00   | 8734                                  | 18046                   | 1953                                  | 5790                                  | 429                                   | 69.7                                  | 118.5                                 | 8.2                                   | 22.8                                  | 2.2                                   | 3.7                                   | 0.5                                   | 1.4                                   | 0.2                                   | 54.0                                 | 3.52      | 78.6      | 9.2      |
| KGKRC100 | 36.00     | 37.00   | 6526                                  | 14807                   | 1732                                  | 5656                                  | 505                                   | 83.1                                  | 137.8                                 | 8.9                                   | 23.1                                  | 2.4                                   | 3.4                                   | 0.3                                   | 1.7                                   | 0.2                                   | 53.1                                 | 2.95      | 102.6     | 11.9     |
| KGKRC100 | 37.00     | 38.00   | 4210                                  | 10825                   | 1371                                  | 4856                                  | 486                                   | 84.4                                  | 133.4                                 | 8.5                                   | 20.1                                  | 2.1                                   | 3.5                                   | 0.3                                   | 2.3                                   | 0.3                                   | 53.7                                 | 2.21      | 113.4     | 5.0      |
| KGKRC100 | 38.00     | 39.00   | 5070                                  | 10614                   | 1173                                  | 3683                                  | 322                                   | 55.7                                  | 100.1                                 | 6.4                                   | 16.6                                  | 1.5                                   | 2.3                                   | 0.2                                   | 0.9                                   | 0.2                                   | 33.9                                 | 2.11      | 72.3      | 7.7      |
| KGKRC100 | 39.00     | 40.00   | 4811                                  | 10309                   | 1167                                  | 3723                                  | 313                                   | 52.5                                  | 90.4                                  | 6.1                                   | 16.3                                  | 1.6                                   | 1.9                                   | 0.2                                   | 0.8                                   | 0.2                                   | 35.8                                 | 2.05      | 64.4      | 8.4      |
| KGKRC100 | 40.00     | 41.00   | 4022                                  | 8991                    | 1031                                  | 3326                                  | 276                                   | 46.4                                  | 74.3                                  | 5.3                                   | 14.0                                  | 1.5                                   | 2.1                                   | 0.2                                   | 1.5                                   | 0.1                                   | 30.1                                 | 1.78      | 41.8      | 6.1      |
| KGKRC100 | 41.00     | 42.00   | 4133                                  | 8852                    | 977                                   | 3199                                  | 276                                   | 48.2                                  | 81.1                                  | 5.7                                   | 14.4                                  | 1.4                                   | 1.7                                   | 0.1                                   | 1.1                                   | 0.2                                   | 28.8                                 | 1.76      | 57.0      | 6.3      |
| KGKRC100 | 42.00     | 43.00   | 5183                                  | 10941                   | 1217                                  | 3898                                  | 322                                   | 54.1                                  | 96.4                                  | 7.4                                   | 20.1                                  | 2.0                                   | 3.4                                   | 0.3                                   | 1.5                                   | 0.3                                   | 45.6                                 | 2.18      | 73.0      | 8.9      |
| KGKRC100 | 43.00     | 44.00   | 5911                                  | 12614                   | 1384                                  | 4331                                  | 333                                   | 54.5                                  | 89.8                                  | 6.0                                   | 14.5                                  | 1.4                                   | 2.3                                   | 0.2                                   | 0.8                                   | 0.1                                   | 31.2                                 | 2.48      | 47.9      | 7.6      |
| KGKRC100 | 44.00     | 45.00   | 7764                                  | 16091                   | 1732                                  | 5196                                  | 414                                   | 68.3                                  | 113.9                                 | 7.3                                   | 17.2                                  | 1.8                                   | 2.6                                   | 0.2                                   | 1.2                                   | 0.2                                   | 38.9                                 | 3.14      | 64.5      | 5.4      |
| KGKRC100 | 45.00     | 46.00   | 9737                                  | 18595                   | 1960                                  | 5846                                  | 465                                   | 77.6                                  | 127.6                                 | 8.7                                   | 20.4                                  | 2.0                                   | 2.7                                   | 0.2                                   | 0.8                                   | 0.2                                   | 39.1                                 | 3.69      | 66.5      | 4.2      |
| KGKRC100 | 46.00     | 47.00   | 7688                                  | 15419                   | 1632                                  | 5011                                  | 383                                   | 62.0                                  | 101.6                                 | 6.6                                   | 15.8                                  | 1.4                                   | 2.3                                   | -0.1                                  | 0.5                                   | 0.1                                   | 31.2                                 | 3.04      | 54.0      | 2.7      |
| KGKRC100 | 47.00     | 48.00   | 8438                                  | 18364                   | 2043                                  | 6555                                  | 524                                   | 86.5                                  | 142.6                                 | 9.4                                   | 23.0                                  | 2.1                                   | 2.9                                   | 0.2                                   | 1.4                                   | 0.2                                   | 44.5                                 | 3.62      | 90.7      | 4.1      |
| KGKRC100 | 48.00     | 49.00   | 2948                                  | 6652                    | 748                                   | 2427                                  | 230                                   | 40.6                                  | 79.2                                  | 6.1                                   | 23.1                                  | 2.6                                   | 5.4                                   | 0.6                                   | 3.6                                   | 0.5                                   | 66.7                                 | 1.32      | 47.2      | 7.9      |
| KGKRC100 | 49.00     | 50.00   | 2061                                  | 4293                    | 487                                   | 1623                                  | 171                                   | 36.2                                  | 78.9                                  | 7.8                                   | 32.4                                  | 4.9                                   | 11.3                                  | 1.3                                   | 6.5                                   | 0.9                                   | 128.0                                | 0.89      | 47.8      | 8.7      |
| KGKRC100 | 50.00     | 51.00   | 2471                                  | 5484                    | 640                                   | 2234                                  | 243                                   | 47.4                                  | 92.3                                  | 9.3                                   | 34.4                                  | 5.4                                   | 11.7                                  | 1.3                                   | 9.0                                   | 1.1                                   | 148.2                                | 1.14      | 90.9      | 7.4      |
| KGKRC100 | 51.00     | 52.00   | 1872                                  | 4046                    | 467                                   | 1596                                  | 185                                   | 40.1                                  | 87.0                                  | 10.2                                  | 44.7                                  | 7.9                                   | 19.1                                  | 2.4                                   | 14.1                                  | 1.9                                   | 231.5                                | 0.86      | 76.9      | 11.8     |
| KGKRC100 | 52.00     | 53.00   | 2890                                  | 5819                    | 636                                   | 2086                                  | 219                                   | 45.4                                  | 97.3                                  | 9.8                                   | 41.6                                  | 6.0                                   | 14.1                                  | 1.5                                   | 9.8                                   | 1.4                                   | 181.9                                | 1.21      | 67.1      | 11.4     |
| KGKRC100 | 53.00     | 54.00   | 7927                                  | 17107                   | 1922                                  | 6383                                  | 549                                   | 94.6                                  | 160.0                                 | 12.0                                  | 37.0                                  | 4.9                                   | 9.4                                   | 1.0                                   | 6.3                                   | 0.9                                   | 119.0                                | 3.43      | 93.6      | 11.8     |
| KGKRC100 | 54.00     | 55.00   | 2094                                  | 4626                    | 534                                   | 1839                                  | 207                                   | 45.0                                  | 108.1                                 | 16.0                                  | 82.3                                  | 14.7                                  | 37.2                                  | 4.6                                   | 25.2                                  | 3.4                                   | 454.0                                | 1.01      | 116.5     | 14.7     |
| KGKRC100 | 55.00     | 56.00   | 1164                                  | 2747                    | 329                                   | 1174                                  | 145                                   | 34.6                                  | 86.3                                  | 12.5                                  | 66.7                                  | 12.6                                  | 32.5                                  | 3.9                                   | 22.4                                  | 3.0                                   | 393.8                                | 0.62      | 81.9      | 14.7     |
| KGKRC100 | 56.00     | 57.00   | 968                                   | 2237                    | 271                                   | 965                                   | 133                                   | 31.2                                  | 74.2                                  | 9.1                                   | 39.5                                  | 6.1                                   | 14.6                                  | 1.6                                   | 10.9                                  | 1.3                                   | 177.5                                | 0.49      | 50.8      | 16.1     |
| KGKRC100 | 57.00     | 58.00   | 722                                   | 1712                    | 209                                   | 782                                   | 118                                   | 30.6                                  | 78.3                                  | 11.3                                  | 59.0                                  | 10.1                                  | 26.4                                  | 3.4                                   | 22.4                                  | 2.8                                   | 327.4                                | 0.41      | 58.7      | 17.3     |
| KGKRC100 | 58.00     | 59.00   | 1436                                  | 3073                    | 352                                   | 1216                                  | 150                                   | 32.5                                  | 71.6                                  | 7.3                                   | 31.0                                  | 4.9                                   | 10.8                                  | 1.4                                   | 7.5                                   | 1.1                                   | 135.1                                | 0.65      | 53.8      | 9.1      |
| KGKRC100 | 59.00     | 60.00   | 3896                                  | 7987                    | 881                                   | 2823                                  | 254                                   | 47.6                                  | 88.9                                  | 8.0                                   | 29.3                                  | 3.8                                   | 8.6                                   | 0.9                                   | 5.4                                   | 0.9                                   | 105.7                                | 1.61      | 58.3      | 10.7     |
| KGKRC100 | 60.00     | 61.00   | 3192                                  | 6516                    | 726                                   | 2379                                  | 238                                   | 47.7                                  | 95.6                                  | 8.0                                   | 26.5                                  | 4.4                                   | 9.5                                   | 1.1                                   | 6.5                                   | 1.0                                   | 116.8                                | 1.34      | 63.2      | 11.5     |
| KGKRC100 | 61.00     | 62.00   | 3507                                  | 8430                    | 994                                   | 3331                                  | 287                                   | 48.2                                  | 84.2                                  | 6.2                                   | 19.6                                  | 2.4                                   | 5.2                                   | 0.6                                   | 3.8                                   | 0.5                                   | 59.9                                 | 1.68      | 42.8      | 8.2      |
| KGKRC100 | 62.00     | 63.00   | 5587                                  | 14074                   | 1704                                  | 5604                                  | 438                                   | 68.9                                  | 118.8                                 | 8.6                                   | 28.6                                  | 4.2                                   | 9.2                                   | 1.3                                   | 6.8                                   | 0.9                                   | 111.8                                | 2.78      | 51.6      | 7.8      |

| Hole ID  | From<br>m | To<br>m | La <sub>2</sub> O <sub>3</sub><br>ppm | CeO <sub>2</sub><br>ppm | Pr <sub>2</sub> O <sub>3</sub><br>ppm | Nd <sub>2</sub> O <sub>3</sub><br>ppm | Sm <sub>2</sub> O <sub>3</sub><br>ppm | Eu <sub>2</sub> O <sub>3</sub><br>ppm | Gd <sub>2</sub> O <sub>3</sub><br>ppm | Tb <sub>2</sub> O <sub>3</sub><br>ppm | Dy <sub>2</sub> O <sub>3</sub><br>ppm | Ho <sub>2</sub> O <sub>3</sub><br>ppm | Er <sub>2</sub> O <sub>3</sub><br>ppm | Tm <sub>2</sub> O <sub>3</sub><br>ppm | Yb <sub>2</sub> O <sub>3</sub><br>ppm | Lu <sub>2</sub> O <sub>3</sub><br>ppm | Y <sub>2</sub> O <sub>3</sub><br>ppm | TREO<br>% | Th<br>ppm | U<br>ppm |
|----------|-----------|---------|---------------------------------------|-------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|--------------------------------------|-----------|-----------|----------|
| KGKRC100 | 63.00     | 64.00   | 4307                                  | 8803                    | 953                                   | 3078                                  | 274                                   | 50.4                                  | 95.2                                  | 7.7                                   | 23.0                                  | 2.5                                   | 6.3                                   | 0.7                                   | 3.8                                   | 0.6                                   | 78.5                                 | 1.77      | 65.2      | 9.6      |
| KGKRC100 | 64.00     | 65.00   | 5531                                  | 11760                   | 1347                                  | 4354                                  | 390                                   | 62.8                                  | 117.6                                 | 9.1                                   | 24.0                                  | 2.9                                   | 5.4                                   | 0.6                                   | 3.5                                   | 0.6                                   | 66.5                                 | 2.37      | 78.1      | 6.5      |
| KGKRC100 | 65.00     | 66.00   | 8099                                  | 15958                   | 1655                                  | 4965                                  | 357                                   | 58.1                                  | 93.5                                  | 6.7                                   | 16.2                                  | 1.7                                   | 2.4                                   | 0.2                                   | 0.9                                   | 0.2                                   | 34.2                                 | 3.12      | 47.8      | 4.1      |
| KGKRC100 | 66.00     | 67.00   | 6501                                  | 13867                   | 1498                                  | 4688                                  | 352                                   | 57.1                                  | 95.3                                  | 6.8                                   | 17.5                                  | 2.0                                   | 3.2                                   | 0.5                                   | 2.4                                   | 0.3                                   | 46.0                                 | 2.71      | 52.5      | 6.0      |
| KGKRC100 | 67.00     | 68.00   | 6453                                  | 13667                   | 1497                                  | 4786                                  | 351                                   | 54.8                                  | 82.9                                  | 5.4                                   | 13.3                                  | 1.5                                   | 2.6                                   | 0.3                                   | 0.9                                   | 0.2                                   | 32.8                                 | 2.69      | 43.7      | 5.9      |
| KGKRC100 | 68.00     | 69.00   | 8790                                  | 18529                   | 2004                                  | 6385                                  | 452                                   | 71.8                                  | 108.6                                 | 6.9                                   | 14.8                                  | 1.5                                   | 2.3                                   | 0.2                                   | 1.1                                   | 0.1                                   | 29.0                                 | 3.64      | 46.8      | 3.0      |
| KGKRC100 | 69.00     | 70.00   | 5011                                  | 10781                   | 1182                                  | 3817                                  | 287                                   | 46.8                                  | 78.2                                  | 5.4                                   | 14.5                                  | 1.3                                   | 2.3                                   | 0.2                                   | 1.0                                   | 0.1                                   | 28.6                                 | 2.13      | 49.1      | 3.9      |
| KGKRC100 | 70.00     | 71.00   | 6160                                  | 12710                   | 1380                                  | 4406                                  | 350                                   | 55.7                                  | 89.2                                  | 6.4                                   | 14.1                                  | 1.5                                   | 2.2                                   | 0.2                                   | 1.3                                   | -0.1                                  | 31.9                                 | 2.52      | 59.6      | 3.1      |
| KGKRC100 | 71.00     | 72.00   | 5829                                  | 12446                   | 1388                                  | 4449                                  | 326                                   | 48.9                                  | 77.6                                  | 4.9                                   | 12.3                                  | 1.2                                   | 2.2                                   | 0.2                                   | 1.0                                   | 0.1                                   | 26.5                                 | 2.46      | 34.2      | 3.1      |
| KGKRC100 | 72.00     | 73.00   | 6293                                  | 13941                   | 1568                                  | 4943                                  | 360                                   | 57.1                                  | 92.1                                  | 6.0                                   | 14.4                                  | 1.4                                   | 1.6                                   | 0.2                                   | 1.4                                   | 0.1                                   | 29.7                                 | 2.73      | 44.0      | 1.3      |
| KGKRC100 | 73.00     | 74.00   | 6216                                  | 13384                   | 1481                                  | 4699                                  | 336                                   | 52.8                                  | 83.9                                  | 5.5                                   | 13.0                                  | 1.3                                   | 2.2                                   | 0.2                                   | 1.2                                   | 0.2                                   | 25.5                                 | 2.63      | 39.9      | 0.8      |
| KGKRC100 | 74.00     | 75.00   | 5804                                  | 13108                   | 1492                                  | 4854                                  | 361                                   | 56.3                                  | 86.0                                  | 5.8                                   | 12.9                                  | 1.2                                   | 1.9                                   | 0.1                                   | 1.0                                   | 0.1                                   | 27.9                                 | 2.58      | 43.2      | 0.8      |
| KGKRC100 | 75.00     | 76.00   | 5462                                  | 11914                   | 1321                                  | 4184                                  | 315                                   | 49.2                                  | 80.7                                  | 5.7                                   | 12.7                                  | 1.5                                   | 2.4                                   | 0.2                                   | 0.9                                   | 0.1                                   | 27.8                                 | 2.34      | 45.7      | 0.9      |
| KGKRC100 | 76.00     | 77.00   | 6322                                  | 14368                   | 1621                                  | 5241                                  | 399                                   | 61.4                                  | 98.9                                  | 6.9                                   | 15.5                                  | 1.6                                   | 2.3                                   | 0.2                                   | 1.0                                   | 0.1                                   | 36.8                                 | 2.82      | 48.0      | 2.6      |
| KGKRC100 | 77.00     | 78.00   | 5674                                  | 12433                   | 1414                                  | 4522                                  | 339                                   | 52.2                                  | 88.9                                  | 6.0                                   | 16.3                                  | 1.4                                   | 2.3                                   | 0.2                                   | 1.0                                   | 0.1                                   | 32.3                                 | 2.46      | 47.8      | 1.6      |
| KGKRC100 | 78.00     | 79.00   | 4750                                  | 10128                   | 1106                                  | 3485                                  | 265                                   | 40.8                                  | 67.1                                  | 4.4                                   | 10.4                                  | 1.3                                   | 1.8                                   | 0.2                                   | 0.5                                   | 0.1                                   | 24.5                                 | 1.99      | 32.8      | 4.7      |
| KGKRC100 | 79.00     | 80.00   | 4207                                  | 8900                    | 958                                   | 3036                                  | 223                                   | 34.6                                  | 59.0                                  | 4.4                                   | 10.4                                  | 1.2                                   | 1.7                                   | 0.2                                   | 1.0                                   | 0.1                                   | 24.4                                 | 1.75      | 34.0      | 5.9      |
| KGKRC100 | 80.00     | 81.00   | 4950                                  | 10562                   | 1152                                  | 3622                                  | 282                                   | 46.4                                  | 77.1                                  | 6.1                                   | 15.4                                  | 1.5                                   | 2.1                                   | 0.3                                   | 1.6                                   | 0.1                                   | 34.5                                 | 2.08      | 54.6      | 5.7      |
| KGKRC100 | 81.00     | 82.00   | 4679                                  | 9871                    | 1078                                  | 3362                                  | 260                                   | 40.8                                  | 67.3                                  | 5.4                                   | 15.6                                  | 1.7                                   | 2.4                                   | 0.2                                   | 0.9                                   | 0.2                                   | 38.1                                 | 1.94      | 47.8      | 3.6      |
| KGKRC100 | 82.00     | 83.00   | 10383                                 | 18232                   | 1791                                  | 5345                                  | 388                                   | 64.8                                  | 110.4                                 | 8.7                                   | 22.3                                  | 2.4                                   | 3.3                                   | 0.3                                   | 2.4                                   | 0.2                                   | 51.7                                 | 3.64      | 72.6      | 3.8      |
| KGKRC100 | 83.00     | 84.00   | 5119                                  | 11139                   | 1242                                  | 3851                                  | 294                                   | 48.1                                  | 74.3                                  | 5.8                                   | 14.1                                  | 1.5                                   | 2.2                                   | 0.2                                   | 1.1                                   | 0.1                                   | 31.1                                 | 2.18      | 50.3      | 3.2      |
| KGKRC100 | 84.00     | 85.00   | 4312                                  | 8952                    | 989                                   | 3168                                  | 273                                   | 48.6                                  | 87.4                                  | 7.3                                   | 21.2                                  | 2.0                                   | 2.9                                   | 0.3                                   | 1.3                                   | 0.2                                   | 42.8                                 | 1.79      | 80.9      | 4.1      |
| KGKRC100 | 85.00     | 86.00   | 10234                                 | 20063                   | 2111                                  | 6365                                  | 453                                   | 73.2                                  | 121.4                                 | 8.1                                   | 19.2                                  | 1.8                                   | 2.5                                   | 0.3                                   | 1.2                                   | 0.1                                   | 45.8                                 | 3.95      | 77.0      | 5.2      |
| KGKRC100 | 86.00     | 87.00   | 10105                                 | 21204                   | 2308                                  | 7316                                  | 531                                   | 80.6                                  | 134.4                                 | 8.8                                   | 20.2                                  | 2.2                                   | 3.0                                   | 0.2                                   | 1.2                                   | 0.1                                   | 45.2                                 | 4.18      | 74.3      | 4.4      |
| KGKRC100 | 87.00     | 88.00   | 4310                                  | 9455                    | 1038                                  | 3311                                  | 255                                   | 42.3                                  | 70.3                                  | 4.9                                   | 13.5                                  | 1.4                                   | 2.5                                   | 0.2                                   | 1.0                                   | 0.1                                   | 29.2                                 | 1.85      | 51.2      | 3.8      |
| KGKRC100 | 88.00     | 89.00   | 3853                                  | 8475                    | 921                                   | 2949                                  | 219                                   | 34.4                                  | 56.6                                  | 4.1                                   | 10.9                                  | 1.2                                   | 1.8                                   | 0.2                                   | 0.6                                   | -0.1                                  | 24.5                                 | 1.66      | 28.3      | 4.1      |
| KGKRC100 | 89.00     | 90.00   | 5799                                  | 12652                   | 1401                                  | 4355                                  | 315                                   | 50.7                                  | 83.6                                  | 5.7                                   | 13.4                                  | 1.4                                   | 2.1                                   | 0.2                                   | 0.8                                   | 0.1                                   | 31.4                                 | 2.47      | 48.8      | 4.4      |
| KGKRC100 | 90.00     | 91.00   | 7505                                  | 15451                   | 1628                                  | 4919                                  | 331                                   | 54.4                                  | 89.5                                  | 7.1                                   | 18.6                                  | 1.8                                   | 2.6                                   | 0.3                                   | 1.6                                   | 0.2                                   | 42.2                                 | 3.01      | 68.5      | 2.1      |
| KGKRC100 | 91.00     | 92.00   | 7215                                  | 13727                   | 1384                                  | 4081                                  | 301                                   | 50.7                                  | 87.9                                  | 7.2                                   | 20.5                                  | 2.0                                   | 2.6                                   | 0.3                                   | 1.2                                   | 0.1                                   | 45.2                                 | 2.69      | 76.9      | 2.6      |
| KGKRC100 | 92.00     | 93.00   | 6690                                  | 13152                   | 1358                                  | 4061                                  | 273                                   | 43.0                                  | 71.4                                  | 5.7                                   | 14.8                                  | 1.4                                   | 2.2                                   | 0.2                                   | 0.9                                   | 0.1                                   | 34.4                                 | 2.57      | 50.0      | 2.3      |
| KGKRC100 | 93.00     | 94.00   | 7050                                  | 13610                   | 1383                                  | 4072                                  | 278                                   | 44.1                                  | 77.2                                  | 6.0                                   | 16.9                                  | 1.7                                   | 2.6                                   | 0.2                                   | 0.6                                   | 0.1                                   | 39.4                                 | 2.66      | 57.3      | 3.8      |
| KGKRC100 | 94.00     | 95.00   | 13522                                 | 23891                   | 2356                                  | 6903                                  | 497                                   | 82.9                                  | 148.1                                 | 11.9                                  | 31.2                                  | 3.2                                   | 4.7                                   | 0.3                                   | 1.7                                   | 0.2                                   | 69.0                                 | 4.75      | 107.4     | 5.6      |
| KGKRC100 | 95.00     | 96.00   | 6626                                  | 12525                   | 1287                                  | 3991                                  | 320                                   | 56.0                                  | 98.2                                  | 7.7                                   | 20.3                                  | 2.0                                   | 3.1                                   | 0.3                                   | 1.2                                   | 0.1                                   | 43.8                                 | 2.50      | 81.9      | 4.0      |
| KGKRC100 | 96.00     | 97.00   | 7886                                  | 16261                   | 1793                                  | 5950                                  | 558                                   | 102.2                                 | 185.3                                 | 14.8                                  | 42.2                                  | 4.5                                   | 6.9                                   | 0.7                                   | 4.1                                   | 0.6                                   | 107.6                                | 3.29      | 165.7     | 5.7      |
| KGKRC100 | 97.00     | 98.00   | 7785                                  | 14536                   | 1481                                  | 4462                                  | 339                                   | 60.3                                  | 116.8                                 | 9.3                                   | 26.3                                  | 2.9                                   | 4.0                                   | 0.5                                   | 1.6                                   | 0.2                                   | 60.8                                 | 2.89      | 101.0     | 3.7      |
| KGKRC100 | 98.00     | 99.00   | 8695                                  | 15419                   | 1514                                  | 4358                                  | 301                                   | 52.1                                  | 88.7                                  | 7.8                                   | 22.4                                  | 2.4                                   | 3.8                                   | 0.5                                   | 2.1                                   | 0.2                                   | 55.5                                 | 3.05      | 70.7      | 3.9      |
| KGKRC100 | 99.00     | 100.00  | 12452                                 | 21323                   | 2029                                  | 5841                                  | 438                                   | 79.8                                  | 143.2                                 | 11.6                                  | 30.1                                  | 3.2                                   | 4.7                                   | 0.2                                   | 1.1                                   | 0.2                                   | 67.3                                 | 4.24      | 128.0     | 3.4      |
| KGKRC100 | 100.00    | 101.00  | 34913                                 | 55856                   | 5178                                  | 14453                                 | 939                                   | 160.1                                 | 273.1                                 | 20.6                                  | 50.0                                  | 5.5                                   | 6.9                                   | 0.6                                   | 2.5                                   | 0.2                                   | 112.9                                | 11.20     | 181.3     | 2.9      |
| KGKRC100 | 101.00    | 102.00  | 14444                                 | 23798                   | 2238                                  | 6214                                  | 416                                   | 70.9                                  | 123.8                                 | 10.2                                  | 25.3                                  | 2.9                                   | 4.1                                   | 0.3                                   | 1.4                                   | 0.1                                   | 60.1                                 | 4.74      | 94.6      | 2.5      |
| KGKRC100 | 102.00    | 103.00  | 14477                                 | 25140                   | 2371                                  | 6882                                  | 476                                   | 82.1                                  | 141.1                                 | 10.6                                  | 27.5                                  | 3.0                                   | 4.4                                   | 0.3                                   | 0.9                                   | 0.2                                   | 62.5                                 | 4.97      | 101.1     | 3.4      |
| KGKRC100 | 103.00    | 104.00  | 5333                                  | 10081                   | 996                                   | 2971                                  | 209                                   | 34.0                                  | 59.2                                  | 4.6                                   | 12.7                                  | 1.3                                   | 2.5                                   | 0.2                                   | 1.0                                   | 0.1                                   | 31.4                                 | 1.97      | 43.7      | 3.0      |
| KGKRC100 | 104.00    | 105.00  | 5790                                  | 10923                   | 1118                                  | 3360                                  | 242                                   | 41.3                                  | 68.4                                  | 5.4                                   | 13.7                                  | 1.5                                   | 2.2                                   | 0.3                                   | 1.0                                   | 0.1                                   | 33.1                                 | 2.16      | 46.0      | 4.6      |
| KGKRC100 | 105.00    | 106.00  | 5424                                  | 8900                    | 1063                                  | 3227                                  | 228                                   | 38.4                                  | 65.4                                  | 5.4                                   | 13.8                                  | 1.6                                   | 2.9                                   | 0.2                                   | 1.3                                   | 0.2                                   | 35.9                                 | 1.99      | 47.4      | 7.5      |
| KGKRC100 | 106.00    | 107.00  | 4176                                  | 7321                    | 835                                   | 2493                                  | 181                                   | 32.0                                  | 54.4                                  | 4.5                                   | 13.5                                  | 1.7                                   | 3.0                                   | 0.3                                   | 1.3                                   | 0.2                                   | 41.7                                 | 1.52      | 35.0      | 6.3      |
| KGKRC100 | 107.00    | 108.00  | 4845                                  | 9703                    | 1046                                  | 3205                                  | 241                                   | 39.1                                  | 65.5                                  | 5.1                                   | 15.4                                  | 1.8                                   | 3.0                                   | 0.2                                   | 2.1                                   | 0.2                                   | 42.8                                 | 1.92      | 48.6      | 9.6      |

# LINDIAN

RESOURCES LTD.

| Hole ID  | From<br>m | To<br>m | La <sub>2</sub> O <sub>3</sub><br>ppm | CeO <sub>2</sub><br>ppm | Pr <sub>2</sub> O <sub>3</sub><br>ppm | Nd <sub>2</sub> O <sub>3</sub><br>ppm | Sm <sub>2</sub> O <sub>3</sub><br>ppm | Eu <sub>2</sub> O <sub>3</sub><br>ppm | Gd <sub>2</sub> O <sub>3</sub><br>ppm | Tb <sub>2</sub> O <sub>3</sub><br>ppm | Dy <sub>2</sub> O <sub>3</sub><br>ppm | Ho <sub>2</sub> O <sub>3</sub><br>ppm | Er <sub>2</sub> O <sub>3</sub><br>ppm | Tm <sub>2</sub> O <sub>3</sub><br>ppm | Yb <sub>2</sub> O <sub>3</sub><br>ppm | Lu <sub>2</sub> O <sub>3</sub><br>ppm | Y <sub>2</sub> O <sub>3</sub><br>ppm | TREO<br>% | Th<br>ppm | U<br>ppm |
|----------|-----------|---------|---------------------------------------|-------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|--------------------------------------|-----------|-----------|----------|
| KGKRC100 | 108.00    | 109.00  | 3510                                  | 7275                    | 781                                   | 2526                                  | 199                                   | 36.9                                  | 78.5                                  | 7.9                                   | 22.8                                  | 2.5                                   | 4.0                                   | 0.5                                   | 2.4                                   | 0.5                                   | 54.2                                 | 1.45      | 106.2     | 11.3     |
| KGKRC100 | 109.00    | 110.00  | 3564                                  | 8240                    | 983                                   | 3407                                  | 346                                   | 65.7                                  | 128.8                                 | 12.2                                  | 37.2                                  | 4.1                                   | 8.9                                   | 1.0                                   | 6.4                                   | 0.9                                   | 111.2                                | 1.69      | 143.2     | 10.1     |
| KGKRC100 | 110.00    | 111.00  | 3780                                  | 8538                    | 992                                   | 3367                                  | 324                                   | 59.4                                  | 108.4                                 | 8.8                                   | 24.3                                  | 2.8                                   | 4.6                                   | 0.6                                   | 2.8                                   | 0.3                                   | 64.1                                 | 1.73      | 99.4      | 9.7      |
| KGKRC100 | 111.00    | 112.00  | 4326                                  | 9682                    | 1119                                  | 3755                                  | 347                                   | 61.7                                  | 109.1                                 | 8.5                                   | 22.0                                  | 2.3                                   | 3.5                                   | 0.5                                   | 1.8                                   | 0.3                                   | 53.8                                 | 1.95      | 87.2      | 10.4     |
| KGKRC100 | 112.00    | 113.00  | 5734                                  | 13641                   | 1631                                  | 5679                                  | 553                                   | 97.6                                  | 170.6                                 | 11.6                                  | 30.3                                  | 3.3                                   | 5.0                                   | 0.6                                   | 3.2                                   | 0.3                                   | 68.5                                 | 2.76      | 112.3     | 12.3     |
| KGKRC100 | 113.00    | 114.00  | 5308                                  | 12824                   | 1555                                  | 5424                                  | 557                                   | 96.3                                  | 162.7                                 | 11.5                                  | 33.9                                  | 4.0                                   | 7.0                                   | 0.7                                   | 3.4                                   | 0.6                                   | 95.8                                 | 2.61      | 115.6     | 13.6     |
| KGKRC100 | 114.00    | 115.00  | 1935                                  | 4423                    | 507                                   | 1739                                  | 182                                   | 31.7                                  | 62.9                                  | 5.4                                   | 19.3                                  | 2.5                                   | 5.2                                   | 0.6                                   | 3.1                                   | 0.6                                   | 63.6                                 | 0.90      | 63.3      | 11.7     |
| KGKRC100 | 115.00    | 116.00  | 2344                                  | 4911                    | 553                                   | 1783                                  | 175                                   | 33.9                                  | 69.9                                  | 6.8                                   | 27.2                                  | 4.2                                   | 8.6                                   | 0.9                                   | 5.7                                   | 0.8                                   | 105.9                                | 1.00      | 41.6      | 9.7      |
| KGKRC100 | 116.00    | 117.00  | 2368                                  | 4899                    | 522                                   | 1652                                  | 156                                   | 29.8                                  | 65.4                                  | 7.2                                   | 28.5                                  | 4.0                                   | 9.5                                   | 0.9                                   | 5.8                                   | 0.8                                   | 107.2                                | 0.99      | 47.2      | 12.1     |
| KGKRC100 | 117.00    | 118.00  | 2263                                  | 4509                    | 485                                   | 1576                                  | 162                                   | 31.0                                  | 65.7                                  | 6.7                                   | 28.2                                  | 3.8                                   | 8.7                                   | 1.0                                   | 6.5                                   | 0.7                                   | 109.2                                | 0.93      | 48.5      | 13.7     |
| KGKRC100 | 118.00    | 119.00  | 2023                                  | 4050                    | 432                                   | 1381                                  | 144                                   | 29.2                                  | 68.3                                  | 6.8                                   | 28.1                                  | 4.4                                   | 9.0                                   | 1.1                                   | 5.4                                   | 0.8                                   | 110.9                                | 0.83      | 44.6      | 11.1     |
| KGKRC100 | 119.00    | 120.00  | 1800                                  | 3597                    | 382                                   | 1220                                  | 113                                   | 21.0                                  | 45.9                                  | 4.5                                   | 18.8                                  | 2.6                                   | 5.7                                   | 0.8                                   | 3.5                                   | 0.6                                   | 70.7                                 | 0.73      | 37.6      | 5.8      |
| KGKRC100 | 120.00    | 121.00  | 3091                                  | 6717                    | 727                                   | 2313                                  | 182                                   | 28.7                                  | 49.9                                  | 3.9                                   | 11.8                                  | 1.6                                   | 3.7                                   | 0.5                                   | 2.5                                   | 0.3                                   | 42.5                                 | 1.32      | 39.0      | 15.1     |
| KGKRC100 | 121.00    | 122.00  | 3964                                  | 8033                    | 858                                   | 2664                                  | 212                                   | 33.8                                  | 57.5                                  | 4.2                                   | 12.5                                  | 1.6                                   | 3.4                                   | 0.3                                   | 3.0                                   | 0.3                                   | 42.0                                 | 1.59      | 36.9      | 13.4     |
| KGKRC100 | 122.00    | 123.00  | 7576                                  | 13719                   | 1332                                  | 3891                                  | 306                                   | 54.3                                  | 98.2                                  | 7.3                                   | 20.4                                  | 2.4                                   | 3.8                                   | 0.3                                   | 2.0                                   | 0.2                                   | 53.3                                 | 2.71      | 79.6      | 12.3     |
| KGKRC100 | 123.00    | 124.00  | 1920                                  | 3777                    | 406                                   | 1324                                  | 149                                   | 31.4                                  | 72.9                                  | 9.1                                   | 38.5                                  | 6.0                                   | 12.7                                  | 1.4                                   | 7.2                                   | 1.1                                   | 172.1                                | 0.79      | 102.3     | 27.5     |
| KGKRC100 | 124.00    | 125.00  | 1681                                  | 3345                    | 357                                   | 1183                                  | 137                                   | 33.9                                  | 89.0                                  | 12.4                                  | 60.5                                  | 9.7                                   | 21.4                                  | 2.4                                   | 14.3                                  | 2.1                                   | 277.6                                | 0.72      | 86.1      | 30.0     |
| KGKRC100 | 125.00    | 126.00  | 885                                   | 1969                    | 229                                   | 812                                   | 109                                   | 26.1                                  | 64.7                                  | 7.1                                   | 33.4                                  | 4.9                                   | 10.0                                  | 1.1                                   | 8.4                                   | 1.0                                   | 122.8                                | 0.43      | 41.5      | 35.6     |
| KGKRC100 | 126.00    | 127.00  | 2416                                  | 4609                    | 474                                   | 1454                                  | 143                                   | 28.6                                  | 61.2                                  | 6.1                                   | 25.6                                  | 4.0                                   | 8.7                                   | 1.1                                   | 5.8                                   | 0.9                                   | 109.5                                | 0.93      | 44.2      | 24.1     |
| KGKRC100 | 127.00    | 128.00  | 3360                                  | 6665                    | 699                                   | 2178                                  | 192                                   | 37.1                                  | 74.6                                  | 6.5                                   | 28.6                                  | 4.2                                   | 9.0                                   | 1.1                                   | 5.3                                   | 0.8                                   | 99.6                                 | 1.34      | 46.2      | 25.8     |
| KGKRC100 | 128.00    | 129.00  | 5265                                  | 9968                    | 999                                   | 2921                                  | 220                                   | 38.3                                  | 71.5                                  | 6.1                                   | 22.6                                  | 2.8                                   | 4.6                                   | 0.6                                   | 3.1                                   | 0.5                                   | 67.7                                 | 1.96      | 55.3      | 14.2     |
| KGKRC100 | 129.00    | 130.00  | 2113                                  | 4364                    | 469                                   | 1497                                  | 136                                   | 26.1                                  | 61.3                                  | 6.8                                   | 28.4                                  | 4.2                                   | 9.2                                   | 0.9                                   | 5.7                                   | 0.8                                   | 116.3                                | 0.88      | 49.7      | 23.5     |
| KGKRC100 | 130.00    | 131.00  | 3960                                  | 7979                    | 828                                   | 2528                                  | 177                                   | 28.5                                  | 51.8                                  | 3.7                                   | 12.2                                  | 1.2                                   | 1.8                                   | 0.2                                   | 0.7                                   | 0.2                                   | 29.8                                 | 1.56      | 40.0      | 18.4     |
| KGKRC100 | 131.00    | 132.00  | 4982                                  | 9632                    | 966                                   | 2876                                  | 198                                   | 30.3                                  | 54.0                                  | 4.0                                   | 13.1                                  | 1.5                                   | 2.3                                   | 0.5                                   | 1.8                                   | 0.2                                   | 30.1                                 | 1.88      | 39.8      | 13.9     |
| KGKRC100 | 132.00    | 133.00  | 4707                                  | 9346                    | 985                                   | 2963                                  | 201                                   | 30.8                                  | 52.6                                  | 3.7                                   | 10.6                                  | 1.2                                   | 1.9                                   | 0.2                                   | 1.3                                   | 0.2                                   | 27.6                                 | 1.83      | 29.2      | 11.2     |
| KGKRC100 | 133.00    | 134.00  | 5338                                  | 9335                    | 885                                   | 2413                                  | 159                                   | 25.6                                  | 47.9                                  | 5.1                                   | 15.3                                  | 1.7                                   | 3.4                                   | 0.3                                   | 1.5                                   | 0.2                                   | 45.8                                 | 1.83      | 39.3      | 6.7      |
| KGKRC100 | 134.00    | 135.00  | 3573                                  | 6940                    | 712                                   | 2097                                  | 149                                   | 23.7                                  | 42.6                                  | 3.9                                   | 13.5                                  | 1.5                                   | 2.6                                   | 0.3                                   | 1.2                                   | 0.2                                   | 38.6                                 | 1.36      | 37.6      | 9.5      |
| KGKRC100 | 135.00    | 136.00  | 2928                                  | 5642                    | 561                                   | 1655                                  | 116                                   | 18.8                                  | 37.3                                  | 3.8                                   | 15.7                                  | 1.6                                   | 2.9                                   | 0.3                                   | 1.2                                   | 0.2                                   | 39.5                                 | 1.10      | 32.7      | 12.3     |
| KGKRC100 | 136.00    | 137.00  | 3408                                  | 6352                    | 619                                   | 1780                                  | 125                                   | 21.3                                  | 37.1                                  | 3.3                                   | 12.2                                  | 1.5                                   | 2.3                                   | 0.2                                   | 1.0                                   | 0.1                                   | 35.7                                 | 1.24      | 31.9      | 12.3     |
| KGKRC100 | 137.00    | 138.00  | 6930                                  | 12634                   | 1236                                  | 3665                                  | 271                                   | 47.8                                  | 92.4                                  | 7.4                                   | 23.8                                  | 2.5                                   | 3.8                                   | 0.3                                   | 1.4                                   | 0.2                                   | 56.4                                 | 2.50      | 70.3      | 9.0      |
| KGKRC100 | 138.00    | 139.00  | 11180                                 | 18163                   | 1631                                  | 4462                                  | 312                                   | 54.7                                  | 108.7                                 | 9.9                                   | 32.3                                  | 3.7                                   | 5.7                                   | 0.5                                   | 2.3                                   | 0.5                                   | 86.0                                 | 3.61      | 84.4      | 6.7      |
| KGKRC100 | 139.00    | 140.00  | 7285                                  | 12541                   | 1191                                  | 3320                                  | 235                                   | 41.6                                  | 77.6                                  | 7.2                                   | 23.4                                  | 2.6                                   | 4.2                                   | 0.6                                   | 2.8                                   | 0.3                                   | 66.3                                 | 2.48      | 66.5      | 6.6      |
| KGKRC100 | 140.00    | 141.00  | 8364                                  | 15027                   | 1473                                  | 4238                                  | 293                                   | 46.9                                  | 85.7                                  | 7.3                                   | 19.7                                  | 2.1                                   | 2.6                                   | 0.3                                   | 0.9                                   | 0.1                                   | 45.5                                 | 2.96      | 73.6      | 5.1      |
| KGKRC100 | 141.00    | 142.00  | 4509                                  | 9050                    | 956                                   | 2890                                  | 210                                   | 33.7                                  | 60.5                                  | 5.1                                   | 14.2                                  | 1.5                                   | 2.2                                   | 0.2                                   | 0.8                                   | 0.1                                   | 34.8                                 | 1.78      | 50.9      | 6.5      |
| KGKRC100 | 142.00    | 143.00  | 12225                                 | 23382                   | 2326                                  | 6791                                  | 456                                   | 73.3                                  | 129.6                                 | 9.4                                   | 24.0                                  | 2.6                                   | 3.3                                   | 0.5                                   | 1.9                                   | 0.2                                   | 53.6                                 | 4.55      | 88.2      | 5.7      |
| KGKRC100 | 143.00    | 144.00  | 6907                                  | 12390                   | 1179                                  | 3291                                  | 219                                   | 35.9                                  | 66.7                                  | 5.5                                   | 17.3                                  | 1.8                                   | 2.9                                   | 0.2                                   | 1.5                                   | 0.1                                   | 43.4                                 | 2.42      | 51.1      | 7.2      |
| KGKRC100 | 144.00    | 145.00  | 8087                                  | 13951                   | 1316                                  | 3692                                  | 257                                   | 43.2                                  | 80.6                                  | 7.3                                   | 22.0                                  | 2.4                                   | 2.9                                   | 0.3                                   | 1.5                                   | 0.2                                   | 51.3                                 | 2.75      | 72.5      | 4.6      |
| KGKRC100 | 145.00    | 146.00  | 5991                                  | 11390                   | 1141                                  | 3348                                  | 232                                   | 38.4                                  | 70.2                                  | 5.7                                   | 17.8                                  | 1.6                                   | 2.9                                   | 0.2                                   | 1.0                                   | 0.2                                   | 39.0                                 | 2.23      | 59.3      | 10.9     |
| KGKRC100 | 146.00    | 147.00  | 9743                                  | 17956                   | 1715                                  | 4973                                  | 342                                   | 55.2                                  | 102.9                                 | 8.1                                   | 23.9                                  | 2.2                                   | 3.5                                   | 0.2                                   | 1.1                                   | 0.1                                   | 57.5                                 | 3.50      | 83.4      | 10.8     |
| KGKRC100 | 147.00    | 148.00  | 13151                                 | 24940                   | 2510                                  | 7539                                  | 563                                   | 91.6                                  | 169.2                                 | 12.1                                  | 33.2                                  | 3.1                                   | 4.9                                   | 0.5                                   | 2.0                                   | 0.3                                   | 71.9                                 | 4.91      | 157.2     | 7.9      |
| KGKRC100 | 148.00    | 149.00  | 5044                                  | 9930                    | 1045                                  | 3141                                  | 237                                   | 40.9                                  | 79.7                                  | 6.8                                   | 21.9                                  | 2.1                                   | 3.1                                   | 0.3                                   | 1.6                                   | 0.3                                   | 54.2                                 | 1.96      | 69.6      | 7.8      |
| KGKRC100 | 149.00    | 150.00  | 9658                                  | 17524                   | 1713                                  | 4772                                  | 323                                   | 54.1                                  | 98.7                                  | 8.4                                   | 23.1                                  | 2.4                                   | 3.3                                   | 0.3                                   | 2.0                                   | 0.3                                   | 62.0                                 | 3.42      | 82.5      | 7.9      |
| KGKRC102 | 0.00      | 1.00    | 7708                                  | 14816                   | 1555                                  | 4610                                  | 336                                   | 51.6                                  | 84.8                                  | 5.8                                   | 15.4                                  | 1.6                                   | 2.9                                   | 0.2                                   | 1.3                                   | 0.2                                   | 33.0                                 | 2.92      | 39.2      | 1.8      |
| KGKRC102 | 1.00      | 2.00    | 7198                                  | 13054                   | 1325                                  | 3877                                  | 273                                   | 44.4                                  | 72.7                                  | 5.2                                   | 14.9                                  | 1.6                                   | 2.9                                   | 0.2                                   | 1.1                                   | 0.2                                   | 33.3                                 | 2.59      | 36.7      | 1.3      |
| KGKRC102 | 2.00      | 3.00    | 4439                                  | 8811                    | 929                                   | 2846                                  | 217                                   | 35.1                                  | 60.6                                  | 3.7                                   | 10.6                                  | 1.0                                   | 1.8                                   | 0.1                                   | 0.6                                   | -0.1                                  | 23.1                                 | 1.74      | 25.4      | 0.5      |

| Hole ID  | From<br>m | To<br>m | La <sub>2</sub> O <sub>3</sub><br>ppm | CeO <sub>2</sub><br>ppm | Pr <sub>2</sub> O <sub>3</sub><br>ppm | Nd <sub>2</sub> O <sub>3</sub><br>ppm | Sm <sub>2</sub> O <sub>3</sub><br>ppm | Eu <sub>2</sub> O <sub>3</sub><br>ppm | Gd <sub>2</sub> O <sub>3</sub><br>ppm | Tb <sub>2</sub> O <sub>3</sub><br>ppm | Dy <sub>2</sub> O <sub>3</sub><br>ppm | Ho <sub>2</sub> O <sub>3</sub><br>ppm | Er <sub>2</sub> O <sub>3</sub><br>ppm | Tm <sub>2</sub> O <sub>3</sub><br>ppm | Yb <sub>2</sub> O <sub>3</sub><br>ppm | Lu <sub>2</sub> O <sub>3</sub><br>ppm | Y <sub>2</sub> O <sub>3</sub><br>ppm | TREO<br>% | Th<br>ppm | U<br>ppm |
|----------|-----------|---------|---------------------------------------|-------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|--------------------------------------|-----------|-----------|----------|
| KGKRC102 | 3.00      | 4.00    | 5313                                  | 10036                   | 1026                                  | 3020                                  | 232                                   | 39.3                                  | 65.5                                  | 4.5                                   | 11.5                                  | 1.3                                   | 2.2                                   | 0.2                                   | 1.5                                   | 0.1                                   | 27.1                                 | 1.98      | 36.6      | 0.9      |
| KGKRC102 | 4.00      | 5.00    | 2907                                  | 5940                    | 645                                   | 1997                                  | 158                                   | 27.4                                  | 42.0                                  | 2.7                                   | 8.7                                   | 0.8                                   | 1.7                                   | 0.1                                   | 1.1                                   | 0.1                                   | 18.8                                 | 1.18      | 21.6      | 0.4      |
| KGKRC102 | 5.00      | 6.00    | 4319                                  | 8895                    | 982                                   | 3110                                  | 237                                   | 36.6                                  | 59.5                                  | 3.8                                   | 10.0                                  | 1.2                                   | 2.3                                   | 0.2                                   | 1.5                                   | -0.1                                  | 24.1                                 | 1.77      | 24.3      | 1.6      |
| KGKRC102 | 6.00      | 7.00    | 5161                                  | 10302                   | 1146                                  | 3564                                  | 275                                   | 45.0                                  | 74.7                                  | 5.3                                   | 14.6                                  | 2.1                                   | 3.9                                   | 0.5                                   | 2.4                                   | 0.3                                   | 42.3                                 | 2.06      | 31.5      | 1.8      |
| KGKRC102 | 7.00      | 8.00    | 3939                                  | 8207                    | 902                                   | 2828                                  | 221                                   | 33.2                                  | 55.0                                  | 3.4                                   | 7.8                                   | 0.7                                   | 1.4                                   | 0.2                                   | 0.6                                   | 0.1                                   | 16.9                                 | 1.62      | 20.6      | 0.5      |
| KGKRC102 | 8.00      | 9.00    | 2840                                  | 5948                    | 637                                   | 1993                                  | 155                                   | 24.3                                  | 40.1                                  | 2.2                                   | 6.5                                   | 0.7                                   | 1.1                                   | 0.2                                   | 0.3                                   | -0.1                                  | 14.2                                 | 1.17      | 17.0      | 0.3      |
| KGKRC102 | 9.00      | 10.00   | 7392                                  | 14337                   | 1480                                  | 4471                                  | 341                                   | 54.7                                  | 85.0                                  | 5.5                                   | 13.2                                  | 1.3                                   | 1.8                                   | 0.2                                   | 1.2                                   | -0.1                                  | 23.6                                 | 2.82      | 40.8      | 0.5      |
| KGKRC102 | 10.00     | 11.00   | 7660                                  | 14703                   | 1508                                  | 4500                                  | 338                                   | 54.0                                  | 86.9                                  | 5.5                                   | 13.5                                  | 1.3                                   | 2.2                                   | 0.2                                   | 0.5                                   | 0.1                                   | 24.0                                 | 2.89      | 37.8      | 0.5      |
| KGKRC102 | 11.00     | 12.00   | 7456                                  | 14426                   | 1530                                  | 4548                                  | 339                                   | 53.0                                  | 89.7                                  | 5.5                                   | 13.2                                  | 1.4                                   | 2.2                                   | 0.2                                   | 1.6                                   | 0.1                                   | 26.4                                 | 2.85      | 40.0      | 0.3      |
| KGKRC102 | 12.00     | 13.00   | 9944                                  | 20340                   | 2212                                  | 6779                                  | 496                                   | 75.3                                  | 120.6                                 | 6.8                                   | 16.1                                  | 1.5                                   | 2.2                                   | 0.1                                   | 1.0                                   | -0.1                                  | 27.3                                 | 4.00      | 52.1      | 0.5      |
| KGKRC102 | 13.00     | 14.00   | 4634                                  | 9722                    | 1067                                  | 3263                                  | 243                                   | 36.6                                  | 57.2                                  | 3.1                                   | 8.4                                   | 0.8                                   | 1.4                                   | 0.2                                   | 1.0                                   | 0.1                                   | 16.1                                 | 1.91      | 24.6      | 0.3      |
| KGKRC102 | 14.00     | 15.00   | 3325                                  | 6903                    | 734                                   | 2264                                  | 173                                   | 26.5                                  | 43.2                                  | 2.7                                   | 6.4                                   | 0.7                                   | 0.9                                   | 0.1                                   | 0.7                                   | -0.1                                  | 15.5                                 | 1.35      | 16.9      | 0.5      |
| KGKRC102 | 15.00     | 16.00   | 2777                                  | 5896                    | 653                                   | 2055                                  | 163                                   | 26.6                                  | 42.8                                  | 2.5                                   | 6.5                                   | 0.8                                   | 1.4                                   | 0.2                                   | 0.7                                   | -0.1                                  | 16.0                                 | 1.16      | 19.0      | 0.3      |
| KGKRC102 | 16.00     | 17.00   | 4695                                  | 9706                    | 1072                                  | 3418                                  | 258                                   | 41.3                                  | 65.9                                  | 3.8                                   | 10.4                                  | 1.2                                   | 1.7                                   | 0.2                                   | 0.4                                   | 0.2                                   | 23.5                                 | 1.93      | 28.8      | 0.3      |
| KGKRC102 | 17.00     | 18.00   | 1546                                  | 3142                    | 352                                   | 1132                                  | 107                                   | 20.2                                  | 45.9                                  | 4.1                                   | 17.7                                  | 2.5                                   | 5.7                                   | 0.7                                   | 3.4                                   | 0.5                                   | 66.8                                 | 0.64      | 18.5      | 5.3      |
| KGKRC102 | 18.00     | 19.00   | 3604                                  | 7216                    | 767                                   | 2306                                  | 190                                   | 34.7                                  | 68.6                                  | 6.2                                   | 22.6                                  | 3.1                                   | 6.8                                   | 1.0                                   | 4.2                                   | 0.6                                   | 80.4                                 | 1.43      | 30.0      | 6.6      |
| KGKRC102 | 19.00     | 20.00   | 4651                                  | 9435                    | 990                                   | 2935                                  | 205                                   | 32.8                                  | 56.0                                  | 4.0                                   | 10.3                                  | 1.2                                   | 2.2                                   | 0.2                                   | 1.6                                   | 0.2                                   | 26.7                                 | 1.84      | 25.3      | 1.4      |
| KGKRC102 | 20.00     | 21.00   | 2838                                  | 5838                    | 631                                   | 1947                                  | 146                                   | 24.7                                  | 43.8                                  | 3.3                                   | 10.1                                  | 1.2                                   | 3.0                                   | 0.3                                   | 1.6                                   | 0.2                                   | 30.6                                 | 1.15      | 16.9      | 2.3      |
| KGKRC102 | 21.00     | 22.00   | 743                                   | 1587                    | 185                                   | 632                                   | 72                                    | 15.5                                  | 37.3                                  | 4.0                                   | 16.0                                  | 2.6                                   | 6.1                                   | 0.7                                   | 3.3                                   | 0.3                                   | 64.3                                 | 0.34      | 13.6      | 3.5      |
| KGKRC102 | 22.00     | 23.00   | 2041                                  | 4339                    | 484                                   | 1504                                  | 119                                   | 19.0                                  | 31.1                                  | 1.9                                   | 4.9                                   | 0.6                                   | 1.6                                   | -0.1                                  | 0.6                                   | 0.1                                   | 13.0                                 | 0.86      | 11.1      | 0.6      |
| KGKRC102 | 23.00     | 24.00   | 2758                                  | 5842                    | 637                                   | 2020                                  | 158                                   | 24.0                                  | 42.0                                  | 2.5                                   | 6.4                                   | 0.7                                   | 1.4                                   | 0.2                                   | 1.0                                   | 0.1                                   | 16.8                                 | 1.15      | 14.8      | 0.1      |
| KGKRC102 | 24.00     | 25.00   | 6372                                  | 12553                   | 1344                                  | 4019                                  | 300                                   | 47.0                                  | 76.9                                  | 4.5                                   | 10.6                                  | 1.2                                   | 1.8                                   | 0.2                                   | 0.8                                   | 0.2                                   | 23.2                                 | 2.48      | 30.2      | 0.2      |
| KGKRC102 | 25.00     | 26.00   | 6245                                  | 12026                   | 1241                                  | 3685                                  | 268                                   | 43.2                                  | 67.5                                  | 4.1                                   | 10.9                                  | 1.0                                   | 1.5                                   | 0.2                                   | 1.0                                   | 0.1                                   | 20.5                                 | 2.36      | 28.9      | 0.1      |
| KGKRC102 | 26.00     | 27.00   | 4883                                  | 10052                   | 1079                                  | 3295                                  | 263                                   | 40.6                                  | 66.6                                  | 4.0                                   | 9.0                                   | 0.8                                   | 1.4                                   | 0.1                                   | 0.7                                   | -0.1                                  | 18.2                                 | 1.97      | 29.4      | 0.2      |
| KGKRC102 | 27.00     | 28.00   | 5547                                  | 11597                   | 1251                                  | 3862                                  | 313                                   | 49.4                                  | 78.2                                  | 4.8                                   | 10.7                                  | 1.2                                   | 1.7                                   | 0.1                                   | 0.9                                   | 0.1                                   | 20.8                                 | 2.27      | 34.2      | 0.1      |
| KGKRC102 | 28.00     | 29.00   | 1617                                  | 3426                    | 377                                   | 1214                                  | 101                                   | 15.9                                  | 28.2                                  | 1.5                                   | 5.2                                   | 0.5                                   | 0.9                                   | -0.1                                  | 0.5                                   | -0.1                                  | 11.1                                 | 0.68      | 11.5      | 0.2      |
| KGKRC102 | 29.00     | 30.00   | 2054                                  | 4254                    | 462                                   | 1457                                  | 120                                   | 19.8                                  | 34.8                                  | 2.2                                   | 4.9                                   | 0.6                                   | 1.1                                   | -0.1                                  | 0.6                                   | 0.1                                   | 14.0                                 | 0.84      | 14.9      | 0.2      |
| KGKRC102 | 30.00     | 31.00   | 1884                                  | 4139                    | 462                                   | 1464                                  | 121                                   | 19.1                                  | 33.0                                  | 1.9                                   | 6.0                                   | 0.9                                   | 1.6                                   | 0.2                                   | 1.4                                   | 0.1                                   | 17.9                                 | 0.82      | 12.8      | 0.2      |
| KGKRC102 | 31.00     | 32.00   | 1909                                  | 4150                    | 460                                   | 1465                                  | 122                                   | 19.9                                  | 32.6                                  | 2.0                                   | 5.7                                   | 0.8                                   | 1.4                                   | 0.2                                   | 0.9                                   | 0.2                                   | 17.4                                 | 0.82      | 12.8      | -0.1     |
| KGKRC102 | 32.00     | 33.00   | 1882                                  | 4028                    | 458                                   | 1462                                  | 125                                   | 19.9                                  | 34.8                                  | 2.2                                   | 6.5                                   | 0.7                                   | 1.6                                   | 0.2                                   | 1.2                                   | 0.2                                   | 17.5                                 | 0.80      | 13.8      | 0.1      |
| KGKRC102 | 33.00     | 34.00   | 2484                                  | 5245                    | 580                                   | 1858                                  | 154                                   | 25.6                                  | 44.1                                  | 2.7                                   | 6.3                                   | 0.6                                   | 1.1                                   | 0.2                                   | 0.6                                   | 0.1                                   | 16.3                                 | 1.04      | 16.7      | 0.2      |
| KGKRC102 | 34.00     | 35.00   | 6203                                  | 11282                   | 1161                                  | 3435                                  | 246                                   | 41.6                                  | 70.1                                  | 4.4                                   | 11.4                                  | 1.0                                   | 1.7                                   | 0.1                                   | 1.2                                   | -0.1                                  | 21.2                                 | 2.25      | 30.1      | 0.2      |
| KGKRC102 | 35.00     | 36.00   | 7589                                  | 14347                   | 1497                                  | 4472                                  | 340                                   | 54.9                                  | 96.7                                  | 5.9                                   | 14.8                                  | 1.5                                   | 1.9                                   | 0.2                                   | 1.0                                   | 0.1                                   | 29.7                                 | 2.85      | 44.2      | 0.2      |
| KGKRC102 | 36.00     | 37.00   | 4487                                  | 8829                    | 906                                   | 2738                                  | 206                                   | 33.1                                  | 53.8                                  | 3.5                                   | 8.7                                   | 0.9                                   | 1.4                                   | 0.1                                   | 0.4                                   | -0.1                                  | 17.8                                 | 1.73      | 23.0      | 0.2      |
| KGKRC102 | 37.00     | 38.00   | 6026                                  | 11467                   | 1176                                  | 3483                                  | 264                                   | 42.2                                  | 76.0                                  | 4.7                                   | 11.5                                  | 1.2                                   | 1.8                                   | 0.2                                   | 1.1                                   | 0.1                                   | 25.0                                 | 2.26      | 33.6      | 0.4      |
| KGKRC102 | 38.00     | 39.00   | 7819                                  | 14984                   | 1568                                  | 4724                                  | 393                                   | 66.1                                  | 115.0                                 | 7.2                                   | 17.2                                  | 1.7                                   | 2.5                                   | 0.2                                   | 1.1                                   | 0.2                                   | 37.7                                 | 2.97      | 60.2      | 0.3      |
| KGKRC102 | 39.00     | 40.00   | 5526                                  | 10634                   | 1107                                  | 3411                                  | 277                                   | 45.9                                  | 77.7                                  | 4.9                                   | 12.3                                  | 1.3                                   | 1.9                                   | 0.2                                   | 1.1                                   | 0.2                                   | 25.8                                 | 2.11      | 33.5      | 0.2      |
| KGKRC102 | 40.00     | 41.00   | 5868                                  | 11528                   | 1217                                  | 3683                                  | 297                                   | 48.5                                  | 82.5                                  | 5.2                                   | 13.0                                  | 1.2                                   | 2.5                                   | 0.2                                   | 0.9                                   | -0.1                                  | 27.2                                 | 2.28      | 37.3      | 0.5      |
| KGKRC102 | 41.00     | 42.00   | 23354                                 | 40982                   | 4055                                  | 11939                                 | 899                                   | 151.1                                 | 267.3                                 | 17.2                                  | 41.4                                  | 4.6                                   | 7.6                                   | 0.7                                   | 3.4                                   | 0.6                                   | 89.3                                 | 8.18      | 136.2     | 0.9      |
| KGKRC102 | 42.00     | 43.00   | 33188                                 | 55517                   | 5401                                  | 15359                                 | 1119                                  | 197.8                                 | 332.6                                 | 21.5                                  | 49.8                                  | 4.8                                   | 6.8                                   | 0.6                                   | 3.0                                   | 0.3                                   | 91.1                                 | 11.13     | 179.6     | 0.6      |
| KGKRC102 | 43.00     | 44.00   | 9361                                  | 16506                   | 1659                                  | 4906                                  | 369                                   | 59.3                                  | 105.7                                 | 6.8                                   | 16.6                                  | 1.7                                   | 3.0                                   | 0.1                                   | 1.6                                   | 0.1                                   | 35.8                                 | 3.30      | 48.5      | 0.3      |
| KGKRC102 | 44.00     | 45.00   | 9770                                  | 19566                   | 2041                                  | 6099                                  | 430                                   | 65.7                                  | 107.5                                 | 6.6                                   | 16.1                                  | 1.5                                   | 2.3                                   | 0.2                                   | 1.1                                   | 0.1                                   | 32.3                                 | 3.81      | 48.1      | 0.2      |
| KGKRC102 | 45.00     | 46.00   | 8148                                  | 15990                   | 1685                                  | 5160                                  | 389                                   | 60.9                                  | 98.5                                  | 5.9                                   | 13.2                                  | 1.3                                   | 1.8                                   | -0.1                                  | 1.3                                   | -0.1                                  | 24.9                                 | 3.16      | 42.4      | 0.2      |
| KGKRC102 | 46.00     | 47.00   | 4869                                  | 9467                    | 976                                   | 2991                                  | 245                                   | 39.7                                  | 68.0                                  | 4.4                                   | 10.9                                  | 1.0                                   | 1.6                                   | 0.1                                   | 0.9                                   | 0.1                                   | 22.6                                 | 1.87      | 28.9      | 0.2      |
| KGKRC102 | 47.00     | 48.00   | 4263                                  | 8127                    | 845                                   | 2563                                  | 210                                   | 34.0                                  | 58.7                                  | 3.7                                   | 9.5                                   | 0.9                                   | 2.1                                   | 0.2                                   | 0.8                                   | 0.1                                   | 21.5                                 | 1.61      | 24.9      | 0.2      |

# LINDIAN

RESOURCES LTD.

| Hole ID  | From<br>m | To<br>m | La <sub>2</sub> O <sub>3</sub><br>ppm | CeO <sub>2</sub><br>ppm | Pr <sub>2</sub> O <sub>3</sub><br>ppm | Nd <sub>2</sub> O <sub>3</sub><br>ppm | Sm <sub>2</sub> O <sub>3</sub><br>ppm | Eu <sub>2</sub> O <sub>3</sub><br>ppm | Gd <sub>2</sub> O <sub>3</sub><br>ppm | Tb <sub>2</sub> O <sub>3</sub><br>ppm | Dy <sub>2</sub> O <sub>3</sub><br>ppm | Ho <sub>2</sub> O <sub>3</sub><br>ppm | Er <sub>2</sub> O <sub>3</sub><br>ppm | Tm <sub>2</sub> O <sub>3</sub><br>ppm | Yb <sub>2</sub> O <sub>3</sub><br>ppm | Lu <sub>2</sub> O <sub>3</sub><br>ppm | Y <sub>2</sub> O <sub>3</sub><br>ppm | TREO<br>% | Th<br>ppm | U<br>ppm |
|----------|-----------|---------|---------------------------------------|-------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|--------------------------------------|-----------|-----------|----------|
| KGKRC102 | 48.00     | 49.00   | 3290                                  | 6227                    | 652                                   | 1998                                  | 161                                   | 26.3                                  | 48.0                                  | 3.3                                   | 9.0                                   | 1.0                                   | 2.1                                   | 0.2                                   | 1.2                                   | 0.2                                   | 23.1                                 | 1.24      | 21.4      | 0.1      |
| KGKRC102 | 49.00     | 50.00   | 6661                                  | 13064                   | 1367                                  | 4148                                  | 305                                   | 46.4                                  | 78.4                                  | 4.7                                   | 12.2                                  | 1.0                                   | 1.8                                   | 0.1                                   | 0.7                                   | -0.1                                  | 23.9                                 | 2.57      | 30.9      | 0.2      |
| KGKRC102 | 50.00     | 51.00   | 6293                                  | 12271                   | 1315                                  | 4031                                  | 302                                   | 47.4                                  | 78.6                                  | 4.8                                   | 12.7                                  | 1.3                                   | 1.5                                   | 0.2                                   | 1.4                                   | 0.1                                   | 29.8                                 | 2.44      | 37.9      | 0.2      |
| KGKRC102 | 51.00     | 52.00   | 5187                                  | 10162                   | 1079                                  | 3278                                  | 249                                   | 39.4                                  | 64.6                                  | 4.0                                   | 10.8                                  | 1.3                                   | 1.7                                   | 0.2                                   | 0.8                                   | 0.1                                   | 23.1                                 | 2.01      | 26.4      | 0.1      |
| KGKRC102 | 52.00     | 53.00   | 6007                                  | 11657                   | 1233                                  | 3697                                  | 286                                   | 45.4                                  | 76.3                                  | 4.9                                   | 12.4                                  | 1.3                                   | 2.4                                   | 0.3                                   | 1.2                                   | 0.1                                   | 28.3                                 | 2.31      | 32.7      | 0.2      |
| KGKRC102 | 53.00     | 54.00   | 7783                                  | 15090                   | 1572                                  | 4606                                  | 344                                   | 53.3                                  | 89.6                                  | 5.7                                   | 14.1                                  | 1.8                                   | 2.7                                   | 0.2                                   | 1.3                                   | 0.1                                   | 35.3                                 | 2.96      | 44.0      | -0.1     |
| KGKRC102 | 54.00     | 55.00   | 10435                                 | 20233                   | 2160                                  | 6580                                  | 458                                   | 69.5                                  | 111.5                                 | 7.4                                   | 18.1                                  | 1.5                                   | 2.6                                   | 0.3                                   | 0.5                                   | 0.1                                   | 35.1                                 | 4.01      | 58.0      | 0.2      |
| KGKRC102 | 55.00     | 56.00   | 5827                                  | 11148                   | 1149                                  | 3409                                  | 258                                   | 40.1                                  | 70.4                                  | 4.8                                   | 12.1                                  | 1.4                                   | 1.8                                   | 0.2                                   | 0.6                                   | 0.1                                   | 28.2                                 | 2.20      | 34.0      | 0.3      |
| KGKRC102 | 56.00     | 57.00   | 9302                                  | 16116                   | 1547                                  | 4349                                  | 305                                   | 50.0                                  | 90.2                                  | 6.1                                   | 15.2                                  | 1.6                                   | 2.7                                   | 0.2                                   | 1.2                                   | -0.1                                  | 33.1                                 | 3.18      | 43.0      | 0.4      |
| KGKRC102 | 57.00     | 58.00   | 13521                                 | 23658                   | 2350                                  | 6811                                  | 505                                   | 83.7                                  | 142.4                                 | 9.1                                   | 21.9                                  | 2.3                                   | 3.3                                   | 0.5                                   | 2.1                                   | 0.2                                   | 44.3                                 | 4.72      | 70.2      | 0.7      |
| KGKRC102 | 58.00     | 59.00   | 7828                                  | 15767                   | 1698                                  | 5057                                  | 359                                   | 53.8                                  | 90.0                                  | 5.4                                   | 12.3                                  | 1.7                                   | 2.6                                   | 0.2                                   | 1.4                                   | 0.2                                   | 33.1                                 | 3.09      | 39.5      | 0.4      |
| KGKRC102 | 59.00     | 60.00   | 6163                                  | 11995                   | 1286                                  | 3838                                  | 287                                   | 42.6                                  | 75.1                                  | 4.4                                   | 11.3                                  | 1.2                                   | 2.2                                   | 0.2                                   | 0.8                                   | -0.1                                  | 25.4                                 | 2.37      | 31.0      | 0.3      |
| KGKRC102 | 60.00     | 61.00   | 9659                                  | 17563                   | 1808                                  | 5367                                  | 407                                   | 68.0                                  | 110.0                                 | 6.7                                   | 16.1                                  | 1.6                                   | 2.6                                   | 0.2                                   | 1.2                                   | 0.1                                   | 32.0                                 | 3.50      | 55.0      | 0.4      |
| KGKRC102 | 61.00     | 62.00   | 10045                                 | 17846                   | 1757                                  | 5075                                  | 377                                   | 64.2                                  | 115.3                                 | 7.5                                   | 18.7                                  | 1.6                                   | 3.2                                   | 0.3                                   | 1.5                                   | 0.2                                   | 36.7                                 | 3.53      | 57.7      | 0.4      |
| KGKRC102 | 62.00     | 63.00   | 5239                                  | 10028                   | 1045                                  | 3166                                  | 255                                   | 41.5                                  | 69.5                                  | 4.4                                   | 11.6                                  | 1.2                                   | 1.7                                   | 0.1                                   | 1.3                                   | 0.2                                   | 24.3                                 | 1.99      | 40.4      | 0.2      |
| KGKRC102 | 63.00     | 64.00   | 4287                                  | 8241                    | 873                                   | 2677                                  | 203                                   | 32.3                                  | 53.2                                  | 3.4                                   | 7.5                                   | 0.9                                   | 1.4                                   | 0.1                                   | 0.3                                   | -0.1                                  | 17.7                                 | 1.64      | 20.4      | 0.2      |
| KGKRC102 | 64.00     | 65.00   | 5633                                  | 10815                   | 1131                                  | 3433                                  | 247                                   | 40.0                                  | 65.3                                  | 4.2                                   | 11.1                                  | 1.0                                   | 1.6                                   | 0.2                                   | 0.5                                   | -0.1                                  | 21.1                                 | 2.14      | 28.4      | 0.2      |
| KGKRC102 | 65.00     | 66.00   | 7868                                  | 14925                   | 1555                                  | 4669                                  | 361                                   | 56.6                                  | 94.6                                  | 6.2                                   | 15.0                                  | 1.4                                   | 2.6                                   | 0.2                                   | 1.1                                   | 0.2                                   | 30.2                                 | 2.96      | 46.4      | 0.4      |
| KGKRC102 | 66.00     | 67.00   | 11038                                 | 20570                   | 2127                                  | 6248                                  | 465                                   | 73.1                                  | 122.8                                 | 7.5                                   | 16.9                                  | 1.7                                   | 2.2                                   | 0.3                                   | 1.3                                   | -0.1                                  | 32.6                                 | 4.07      | 57.7      | 0.5      |
| KGKRC102 | 67.00     | 68.00   | 10783                                 | 20495                   | 2126                                  | 6445                                  | 474                                   | 75.6                                  | 122.6                                 | 7.5                                   | 17.8                                  | 2.0                                   | 3.0                                   | 0.2                                   | 1.3                                   | 0.2                                   | 37.0                                 | 4.06      | 59.2      | 0.5      |
| KGKRC102 | 68.00     | 69.00   | 6380                                  | 12425                   | 1300                                  | 3865                                  | 285                                   | 45.2                                  | 70.9                                  | 4.7                                   | 11.6                                  | 1.3                                   | 2.1                                   | 0.2                                   | 1.0                                   | -0.1                                  | 25.3                                 | 2.44      | 28.9      | 0.5      |
| KGKRC102 | 69.00     | 70.00   | 10849                                 | 19308                   | 1942                                  | 5383                                  | 360                                   | 55.2                                  | 94.2                                  | 6.4                                   | 13.4                                  | 1.4                                   | 2.1                                   | 0.2                                   | 0.7                                   | 0.1                                   | 29.2                                 | 3.80      | 45.9      | 0.3      |
| KGKRC102 | 70.00     | 71.00   | 15976                                 | 30114                   | 3104                                  | 9093                                  | 601                                   | 92.8                                  | 146.6                                 | 9.5                                   | 22.4                                  | 2.2                                   | 3.2                                   | 0.3                                   | 1.3                                   | 0.2                                   | 41.5                                 | 5.92      | 70.3      | 0.4      |
| KGKRC102 | 71.00     | 72.00   | 7121                                  | 13294                   | 1352                                  | 3995                                  | 279                                   | 43.5                                  | 72.6                                  | 4.6                                   | 11.5                                  | 1.2                                   | 1.8                                   | 0.1                                   | 1.0                                   | -0.1                                  | 24.4                                 | 2.62      | 29.0      | 0.2      |
| KGKRC102 | 72.00     | 73.00   | 11063                                 | 19743                   | 1974                                  | 5592                                  | 368                                   | 54.7                                  | 92.1                                  | 6.1                                   | 14.5                                  | 1.6                                   | 2.7                                   | 0.2                                   | 1.6                                   | 0.1                                   | 32.9                                 | 3.89      | 41.9      | 0.3      |
| KGKRC102 | 73.00     | 74.00   | 8236                                  | 14953                   | 1514                                  | 4419                                  | 302                                   | 47.0                                  | 75.4                                  | 5.1                                   | 12.9                                  | 1.3                                   | 1.9                                   | 0.1                                   | 1.4                                   | 0.1                                   | 27.9                                 | 2.96      | 35.9      | 0.2      |
| KGKRC102 | 74.00     | 75.00   | 4638                                  | 8804                    | 913                                   | 2764                                  | 207                                   | 33.0                                  | 56.1                                  | 3.8                                   | 9.5                                   | 1.0                                   | 1.7                                   | 0.1                                   | 0.9                                   | -0.1                                  | 26.3                                 | 1.75      | 24.9      | 0.2      |
| KGKRC102 | 75.00     | 76.00   | 6389                                  | 11205                   | 1059                                  | 2990                                  | 200                                   | 30.5                                  | 51.5                                  | 3.7                                   | 9.6                                   | 0.9                                   | 1.8                                   | 0.2                                   | 0.7                                   | 0.1                                   | 22.7                                 | 2.20      | 24.6      | 0.2      |
| KGKRC102 | 76.00     | 77.00   | 6103                                  | 11202                   | 1142                                  | 3338                                  | 238                                   | 37.3                                  | 64.5                                  | 4.1                                   | 10.9                                  | 1.0                                   | 2.2                                   | 0.1                                   | 1.2                                   | -0.1                                  | 23.9                                 | 2.22      | 26.3      | 0.2      |
| KGKRC102 | 77.00     | 78.00   | 6242                                  | 12045                   | 1247                                  | 3648                                  | 260                                   | 41.5                                  | 68.9                                  | 4.5                                   | 13.1                                  | 1.3                                   | 1.9                                   | 0.1                                   | 0.7                                   | -0.1                                  | 25.3                                 | 2.36      | 27.7      | 0.2      |
| KGKRC102 | 78.00     | 79.00   | 3554                                  | 6997                    | 733                                   | 2159                                  | 150                                   | 24.4                                  | 41.4                                  | 2.8                                   | 7.2                                   | 0.8                                   | 1.5                                   | -0.1                                  | 0.8                                   | -0.1                                  | 18.3                                 | 1.37      | 16.5      | 0.2      |
| KGKRC102 | 79.00     | 80.00   | 3227                                  | 6499                    | 697                                   | 2112                                  | 156                                   | 24.1                                  | 40.9                                  | 2.7                                   | 8.2                                   | 0.9                                   | 1.6                                   | 0.1                                   | 0.8                                   | 0.1                                   | 18.9                                 | 1.28      | 15.6      | 0.1      |
| KGKRC102 | 80.00     | 81.00   | 2778                                  | 5655                    | 610                                   | 1880                                  | 138                                   | 20.5                                  | 37.8                                  | 2.4                                   | 6.7                                   | 0.9                                   | 1.4                                   | 0.2                                   | 0.9                                   | -0.1                                  | 18.2                                 | 1.12      | 12.8      | -0.1     |
| KGKRC102 | 81.00     | 82.00   | 2044                                  | 4008                    | 423                                   | 1289                                  | 98                                    | 15.9                                  | 26.8                                  | 2.1                                   | 5.9                                   | 0.8                                   | 1.7                                   | 0.2                                   | 0.8                                   | 0.1                                   | 18.2                                 | 0.79      | 11.1      | 0.1      |
| KGKRC102 | 82.00     | 83.00   | 2609                                  | 5150                    | 551                                   | 1679                                  | 126                                   | 20.0                                  | 35.1                                  | 2.4                                   | 6.7                                   | 0.7                                   | 1.4                                   | 0.2                                   | 1.2                                   | -0.1                                  | 19.1                                 | 1.02      | 14.4      | 0.5      |
| KGKRC102 | 83.00     | 84.00   | 2326                                  | 4640                    | 498                                   | 1496                                  | 111                                   | 17.6                                  | 30.2                                  | 2.1                                   | 5.5                                   | 0.6                                   | 0.9                                   | 0.1                                   | 0.7                                   | -0.1                                  | 15.5                                 | 0.91      | 11.8      | 0.1      |
| KGKRC102 | 84.00     | 85.00   | 3385                                  | 6647                    | 697                                   | 2113                                  | 163                                   | 26.3                                  | 41.9                                  | 3.1                                   | 8.0                                   | 0.9                                   | 1.6                                   | 0.2                                   | 1.3                                   | 0.2                                   | 19.7                                 | 1.31      | 17.7      | 0.2      |
| KGKRC102 | 85.00     | 86.00   | 1071                                  | 2168                    | 234                                   | 744                                   | 63                                    | 11.0                                  | 18.9                                  | 1.4                                   | 5.2                                   | 0.7                                   | 1.7                                   | 0.1                                   | 1.2                                   | 0.1                                   | 18.0                                 | 0.43      | 8.7       | -0.1     |
| KGKRC102 | 86.00     | 87.00   | 3760                                  | 7384                    | 753                                   | 2202                                  | 162                                   | 27.2                                  | 43.5                                  | 2.7                                   | 6.8                                   | 0.9                                   | 1.4                                   | 0.2                                   | 0.6                                   | -0.1                                  | 17.8                                 | 1.44      | 21.1      | 0.2      |
| KGKRC102 | 87.00     | 88.00   | 8782                                  | 16218                   | 1639                                  | 4768                                  | 354                                   | 57.0                                  | 90.2                                  | 5.7                                   | 15.0                                  | 1.3                                   | 1.9                                   | 0.2                                   | 1.2                                   | -0.1                                  | 24.6                                 | 3.20      | 46.1      | 0.1      |
| KGKRC102 | 88.00     | 89.00   | 4343                                  | 7600                    | 732                                   | 2090                                  | 142                                   | 21.8                                  | 37.0                                  | 2.4                                   | 5.3                                   | 0.8                                   | 1.4                                   | 0.1                                   | 0.5                                   | 0.1                                   | 15.4                                 | 1.50      | 16.8      | 0.1      |
| KGKRC102 | 89.00     | 90.00   | 3189                                  | 6492                    | 701                                   | 2119                                  | 153                                   | 21.7                                  | 35.8                                  | 2.4                                   | 5.9                                   | 0.5                                   | 1.3                                   | 0.1                                   | 0.5                                   | -0.1                                  | 13.1                                 | 1.27      | 13.4      | -0.1     |
| KGKRC102 | 90.00     | 91.00   | 4627                                  | 7826                    | 731                                   | 2014                                  | 133                                   | 21.3                                  | 35.9                                  | 2.6                                   | 8.2                                   | 0.9                                   | 1.7                                   | 0.1                                   | 0.6                                   | -0.1                                  | 22.5                                 | 1.54      | 15.4      | 0.2      |
| KGKRC102 | 91.00     | 92.00   | 1537                                  | 2781                    | 277                                   | 820                                   | 60                                    | 11.4                                  | 19.1                                  | 1.5                                   | 4.8                                   | 0.7                                   | 1.4                                   | 0.2                                   | 1.0                                   | 0.1                                   | 17.1                                 | 0.55      | 7.9       | 0.1      |
| KGKRC102 | 92.00     | 93.00   | 3600                                  | 6631                    | 658                                   | 1904                                  | 126                                   | 20.3                                  | 32.1                                  | 2.2                                   | 5.5                                   | 0.8                                   | 1.1                                   | 0.1                                   | 0.9                                   | -0.1                                  | 14.9                                 | 1.30      | 13.0      | 0.2      |

| Hole ID  | From<br>m | To<br>m | La <sub>2</sub> O <sub>3</sub><br>ppm | CeO <sub>2</sub><br>ppm | Pr <sub>2</sub> O <sub>3</sub><br>ppm | Nd <sub>2</sub> O <sub>3</sub><br>ppm | Sm <sub>2</sub> O <sub>3</sub><br>ppm | Eu <sub>2</sub> O <sub>3</sub><br>ppm | Gd <sub>2</sub> O <sub>3</sub><br>ppm | Tb <sub>2</sub> O <sub>3</sub><br>ppm | Dy <sub>2</sub> O <sub>3</sub><br>ppm | Ho <sub>2</sub> O <sub>3</sub><br>ppm | Er <sub>2</sub> O <sub>3</sub><br>ppm | Tm <sub>2</sub> O <sub>3</sub><br>ppm | Yb <sub>2</sub> O <sub>3</sub><br>ppm | Lu <sub>2</sub> O <sub>3</sub><br>ppm | Y <sub>2</sub> O <sub>3</sub><br>ppm | TREO<br>% | Th<br>ppm | U<br>ppm |
|----------|-----------|---------|---------------------------------------|-------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|--------------------------------------|-----------|-----------|----------|
| KGKRC102 | 93.00     | 94.00   | 8467                                  | 14515                   | 1402                                  | 3881                                  | 246                                   | 39.5                                  | 63.2                                  | 4.2                                   | 9.9                                   | 1.2                                   | 1.9                                   | 0.1                                   | 1.2                                   | 0.1                                   | 24.1                                 | 2.87      | 32.4      | 0.2      |
| KGKRC102 | 94.00     | 95.00   | 4522                                  | 8045                    | 789                                   | 2210                                  | 145                                   | 23.2                                  | 39.4                                  | 2.8                                   | 7.5                                   | 0.8                                   | 1.6                                   | 0.1                                   | 0.8                                   | -0.1                                  | 18.9                                 | 1.58      | 17.9      | 0.2      |
| KGKRC102 | 95.00     | 96.00   | 3852                                  | 6544                    | 633                                   | 1711                                  | 113                                   | 18.9                                  | 31.9                                  | 2.5                                   | 7.6                                   | 1.0                                   | 1.6                                   | 0.2                                   | 1.4                                   | 0.1                                   | 22.4                                 | 1.29      | 13.7      | 0.2      |
| KGKRC102 | 96.00     | 97.00   | 3318                                  | 6265                    | 625                                   | 1793                                  | 125                                   | 19.9                                  | 33.0                                  | 2.4                                   | 6.2                                   | 0.8                                   | 1.3                                   | 0.2                                   | 0.8                                   | 0.1                                   | 16.8                                 | 1.22      | 14.4      | 0.2      |
| KGKRC102 | 97.00     | 98.00   | 15331                                 | 25335                   | 2385                                  | 6399                                  | 395                                   | 60.6                                  | 98.5                                  | 6.5                                   | 13.9                                  | 1.5                                   | 2.3                                   | 0.1                                   | 0.8                                   | 0.1                                   | 30.5                                 | 5.01      | 43.7      | 0.3      |
| KGKRC102 | 98.00     | 99.00   | 10974                                 | 20306                   | 2051                                  | 5962                                  | 415                                   | 63.2                                  | 96.9                                  | 6.4                                   | 13.1                                  | 1.2                                   | 2.2                                   | 0.1                                   | 0.8                                   | 0.1                                   | 28.3                                 | 3.99      | 40.8      | 0.4      |
| KGKRC102 | 99.00     | 100.00  | 18216                                 | 28636                   | 2561                                  | 6872                                  | 441                                   | 69.4                                  | 115.1                                 | 7.9                                   | 18.3                                  | 2.0                                   | 2.6                                   | 0.3                                   | 1.0                                   | -0.1                                  | 40.6                                 | 5.70      | 59.5      | 0.5      |
| KGKRC102 | 100.00    | 101.00  | 12263                                 | 22111                   | 2246                                  | 6384                                  | 405                                   | 59.8                                  | 95.5                                  | 6.1                                   | 14.8                                  | 1.5                                   | 1.8                                   | 0.2                                   | 0.7                                   | 0.1                                   | 30.4                                 | 4.36      | 41.1      | 0.3      |
| KGKRC102 | 101.00    | 102.00  | 7164                                  | 12174                   | 1180                                  | 3242                                  | 202                                   | 32.4                                  | 51.9                                  | 3.5                                   | 8.5                                   | 0.9                                   | 1.6                                   | 0.1                                   | 1.0                                   | 0.1                                   | 22.4                                 | 2.41      | 22.8      | 0.2      |
| KGKRC102 | 102.00    | 103.00  | 4248                                  | 7560                    | 734                                   | 2066                                  | 137                                   | 21.4                                  | 36.2                                  | 2.5                                   | 7.0                                   | 0.8                                   | 1.0                                   | -0.1                                  | 0.6                                   | -0.1                                  | 16.0                                 | 1.48      | 17.7      | 0.3      |
| KGKRC102 | 103.00    | 104.00  | 3931                                  | 6697                    | 636                                   | 1759                                  | 114                                   | 19.0                                  | 33.9                                  | 2.5                                   | 7.6                                   | 0.8                                   | 1.5                                   | 0.1                                   | 1.0                                   | -0.1                                  | 18.3                                 | 1.32      | 17.4      | 0.2      |
| KGKRC102 | 104.00    | 105.00  | 4356                                  | 7672                    | 734                                   | 1999                                  | 127                                   | 18.9                                  | 32.7                                  | 2.4                                   | 5.3                                   | 0.7                                   | 1.1                                   | -0.1                                  | 0.6                                   | -0.1                                  | 13.8                                 | 1.50      | 12.4      | 0.2      |
| KGKRC102 | 105.00    | 106.00  | 13975                                 | 21248                   | 1876                                  | 4832                                  | 311                                   | 48.4                                  | 84.9                                  | 5.9                                   | 14.8                                  | 1.8                                   | 2.5                                   | 0.2                                   | 0.8                                   | -0.1                                  | 30.6                                 | 4.24      | 43.3      | 0.3      |
| KGKRC102 | 106.00    | 107.00  | 8567                                  | 14575                   | 1353                                  | 3692                                  | 245                                   | 39.1                                  | 66.0                                  | 4.7                                   | 11.6                                  | 1.3                                   | 1.7                                   | 0.1                                   | 0.9                                   | 0.1                                   | 26.8                                 | 2.86      | 34.6      | 0.5      |
| KGKRC102 | 107.00    | 108.00  | 4020                                  | 7369                    | 711                                   | 2017                                  | 140                                   | 22.5                                  | 38.1                                  | 2.6                                   | 7.9                                   | 0.7                                   | 1.1                                   | -0.1                                  | 0.5                                   | -0.1                                  | 17.4                                 | 1.43      | 16.3      | 0.3      |
| KGKRC102 | 108.00    | 109.00  | 3352                                  | 6255                    | 609                                   | 1723                                  | 118                                   | 18.3                                  | 30.3                                  | 2.1                                   | 6.5                                   | 0.7                                   | 1.0                                   | 0.1                                   | 0.7                                   | -0.1                                  | 14.7                                 | 1.21      | 12.9      | 0.2      |
| KGKRC102 | 109.00    | 110.00  | 3352                                  | 6349                    | 622                                   | 1752                                  | 116                                   | 18.8                                  | 30.6                                  | 2.2                                   | 6.9                                   | 0.7                                   | 1.3                                   | -0.1                                  | 0.2                                   | -0.1                                  | 14.2                                 | 1.23      | 12.4      | 0.2      |
| KGKRC102 | 110.00    | 111.00  | 3389                                  | 6487                    | 644                                   | 1840                                  | 123                                   | 18.1                                  | 31.4                                  | 2.1                                   | 4.6                                   | 0.6                                   | 0.8                                   | 0.1                                   | 0.2                                   | -0.1                                  | 13.5                                 | 1.26      | 13.1      | 0.2      |
| KGKRC102 | 111.00    | 112.00  | 2572                                  | 5291                    | 555                                   | 1623                                  | 116                                   | 17.0                                  | 30.2                                  | 2.0                                   | 6.1                                   | 0.8                                   | 1.1                                   | 0.2                                   | 0.9                                   | -0.1                                  | 16.9                                 | 1.02      | 10.4      | 0.9      |
| KGKRC102 | 112.00    | 113.00  | 2775                                  | 5645                    | 575                                   | 1660                                  | 112                                   | 16.3                                  | 28.8                                  | 1.9                                   | 4.6                                   | 0.6                                   | 1.0                                   | 0.1                                   | 0.3                                   | -0.1                                  | 12.3                                 | 1.08      | 10.9      | 0.3      |
| KGKRC102 | 113.00    | 114.00  | 2472                                  | 5069                    | 528                                   | 1499                                  | 103                                   | 14.7                                  | 26.1                                  | 1.9                                   | 5.2                                   | 0.5                                   | 1.1                                   | -0.1                                  | 0.7                                   | -0.1                                  | 12.7                                 | 0.97      | 10.1      | 0.2      |
| KGKRC102 | 114.00    | 115.00  | 2524                                  | 4863                    | 496                                   | 1416                                  | 100                                   | 15.4                                  | 30.0                                  | 2.2                                   | 6.8                                   | 0.9                                   | 1.6                                   | 0.1                                   | 0.6                                   | 0.1                                   | 20.8                                 | 0.95      | 10.7      | 1.7      |
| KGKRC102 | 115.00    | 116.00  | 3244                                  | 5771                    | 545                                   | 1516                                  | 106                                   | 17.1                                  | 31.2                                  | 2.6                                   | 7.1                                   | 0.8                                   | 1.6                                   | 0.2                                   | 0.6                                   | 0.2                                   | 22.5                                 | 1.13      | 13.6      | 4.9      |
| KGKRC102 | 116.00    | 117.00  | 10325                                 | 16529                   | 1464                                  | 3883                                  | 246                                   | 35.6                                  | 63.3                                  | 4.4                                   | 10.7                                  | 1.4                                   | 1.8                                   | 0.1                                   | 0.7                                   | -0.1                                  | 24.8                                 | 3.26      | 32.9      | 0.7      |
| KGKRC102 | 117.00    | 118.00  | 8473                                  | 15172                   | 1446                                  | 4003                                  | 257                                   | 38.2                                  | 64.4                                  | 4.2                                   | 9.8                                   | 0.9                                   | 1.1                                   | 0.1                                   | 0.6                                   | -0.1                                  | 19.1                                 | 2.95      | 28.9      | 0.6      |
| KGKRC102 | 118.00    | 119.00  | 4642                                  | 9019                    | 908                                   | 2584                                  | 169                                   | 26.8                                  | 42.7                                  | 2.9                                   | 7.1                                   | 0.9                                   | 1.3                                   | 0.1                                   | 0.8                                   | -0.1                                  | 17.8                                 | 1.74      | 19.2      | 0.8      |
| KGKRC102 | 119.00    | 120.00  | 4755                                  | 9215                    | 937                                   | 2709                                  | 184                                   | 27.0                                  | 48.0                                  | 3.1                                   | 9.8                                   | 1.0                                   | 1.8                                   | 0.1                                   | 1.0                                   | 0.2                                   | 22.2                                 | 1.79      | 19.1      | 0.9      |
| KGKRC103 | 0.00      | 1.00    | 6467                                  | 13503                   | 1507                                  | 4786                                  | 459                                   | 80.8                                  | 164.0                                 | 13.3                                  | 49.5                                  | 6.1                                   | 13.6                                  | 1.4                                   | 8.2                                   | 1.1                                   | 169.3                                | 2.72      | 125.9     | 16.5     |
| KGKRC103 | 1.00      | 2.00    | 6835                                  | 14127                   | 1572                                  | 4886                                  | 480                                   | 90.3                                  | 183.4                                 | 16.4                                  | 59.8                                  | 8.3                                   | 17.5                                  | 2.2                                   | 11.3                                  | 1.6                                   | 209.9                                | 2.85      | 127.6     | 19.0     |
| KGKRC103 | 2.00      | 3.00    | 3291                                  | 7202                    | 821                                   | 2691                                  | 265                                   | 47.8                                  | 95.4                                  | 7.7                                   | 26.2                                  | 3.7                                   | 6.9                                   | 0.9                                   | 4.7                                   | 0.6                                   | 86.9                                 | 1.46      | 66.8      | 11.1     |
| KGKRC103 | 3.00      | 4.00    | 3441                                  | 7543                    | 825                                   | 2606                                  | 249                                   | 45.0                                  | 90.0                                  | 7.2                                   | 24.0                                  | 3.1                                   | 5.0                                   | 0.6                                   | 3.3                                   | 0.3                                   | 67.1                                 | 1.49      | 73.6      | 8.0      |
| KGKRC103 | 4.00      | 5.00    | 3677                                  | 7824                    | 831                                   | 2629                                  | 250                                   | 47.0                                  | 97.5                                  | 8.8                                   | 31.1                                  | 4.5                                   | 8.9                                   | 0.9                                   | 4.4                                   | 0.8                                   | 111.5                                | 1.55      | 75.0      | 10.3     |
| KGKRC103 | 5.00      | 6.00    | 1736                                  | 3745                    | 428                                   | 1432                                  | 174                                   | 35.9                                  | 82.8                                  | 8.2                                   | 32.8                                  | 4.9                                   | 10.6                                  | 0.9                                   | 7.1                                   | 0.8                                   | 126.5                                | 0.78      | 59.6      | 10.4     |
| KGKRC103 | 6.00      | 7.00    | 2071                                  | 4619                    | 538                                   | 1800                                  | 198                                   | 38.7                                  | 84.6                                  | 8.0                                   | 29.4                                  | 4.5                                   | 9.7                                   | 1.0                                   | 6.2                                   | 0.9                                   | 117.9                                | 0.95      | 45.2      | 8.9      |
| KGKRC103 | 7.00      | 8.00    | 2345                                  | 5107                    | 561                                   | 1782                                  | 179                                   | 36.1                                  | 88.9                                  | 9.8                                   | 36.5                                  | 4.8                                   | 8.7                                   | 1.0                                   | 6.2                                   | 0.8                                   | 132.8                                | 1.03      | 114.0     | 9.5      |
| KGKRC103 | 8.00      | 9.00    | 7322                                  | 12863                   | 1216                                  | 3375                                  | 228                                   | 35.4                                  | 60.0                                  | 4.9                                   | 14.8                                  | 1.7                                   | 3.4                                   | 0.3                                   | 1.7                                   | 0.2                                   | 42.5                                 | 2.52      | 46.4      | 5.6      |
| KGKRC103 | 9.00      | 10.00   | 9441                                  | 16053                   | 1510                                  | 4079                                  | 267                                   | 43.2                                  | 71.3                                  | 5.8                                   | 16.1                                  | 1.5                                   | 2.6                                   | 0.2                                   | 1.0                                   | 0.1                                   | 37.5                                 | 3.15      | 49.6      | 4.1      |
| KGKRC103 | 10.00     | 11.00   | 6693                                  | 12406                   | 1207                                  | 3438                                  | 244                                   | 40.0                                  | 69.1                                  | 5.7                                   | 16.3                                  | 1.8                                   | 2.2                                   | 0.2                                   | 0.9                                   | 0.1                                   | 37.0                                 | 2.42      | 53.3      | 5.3      |
| KGKRC103 | 11.00     | 12.00   | 7925                                  | 14429                   | 1387                                  | 3890                                  | 258                                   | 39.0                                  | 63.6                                  | 5.1                                   | 13.9                                  | 1.6                                   | 2.5                                   | 0.2                                   | 0.5                                   | 0.1                                   | 33.7                                 | 2.80      | 34.1      | 3.6      |
| KGKRC103 | 12.00     | 13.00   | 9806                                  | 17516                   | 1692                                  | 4703                                  | 310                                   | 49.2                                  | 86.0                                  | 6.9                                   | 19.4                                  | 2.0                                   | 3.1                                   | 0.2                                   | 0.7                                   | 0.2                                   | 45.5                                 | 3.42      | 61.0      | 4.5      |
| KGKRC103 | 13.00     | 14.00   | 9340                                  | 17013                   | 1619                                  | 4451                                  | 293                                   | 44.7                                  | 78.1                                  | 6.4                                   | 20.2                                  | 2.1                                   | 3.0                                   | 0.3                                   | 1.5                                   | 0.1                                   | 46.5                                 | 3.29      | 60.1      | 3.7      |
| KGKRC103 | 14.00     | 15.00   | 8091                                  | 14352                   | 1343                                  | 3621                                  | 231                                   | 34.3                                  | 61.7                                  | 5.7                                   | 19.1                                  | 2.2                                   | 3.0                                   | 0.3                                   | 1.7                                   | 0.2                                   | 47.8                                 | 2.78      | 45.6      | 4.9      |
| KGKRC103 | 15.00     | 16.00   | 5951                                  | 12708                   | 1416                                  | 4544                                  | 436                                   | 73.9                                  | 130.0                                 | 8.9                                   | 24.2                                  | 2.2                                   | 3.1                                   | 0.2                                   | 1.6                                   | 0.2                                   | 50.9                                 | 2.54      | 113.6     | 4.9      |
| KGKRC103 | 16.00     | 17.00   | 5325                                  | 9774                    | 948                                   | 2661                                  | 189                                   | 29.5                                  | 56.0                                  | 5.2                                   | 16.4                                  | 1.7                                   | 2.6                                   | 0.2                                   | 0.9                                   | -0.1                                  | 37.8                                 | 1.90      | 47.0      | 2.9      |
| KGKRC103 | 17.00     | 18.00   | 10338                                 | 17430                   | 1609                                  | 4245                                  | 270                                   | 44.0                                  | 76.2                                  | 6.9                                   | 21.6                                  | 2.1                                   | 3.1                                   | 0.2                                   | 1.1                                   | 0.1                                   | 48.0                                 | 3.41      | 54.1      | 2.8      |

| Hole ID  | From<br>m | To<br>m | La <sub>2</sub> O <sub>3</sub><br>ppm | CeO <sub>2</sub><br>ppm | Pr <sub>2</sub> O <sub>3</sub><br>ppm | Nd <sub>2</sub> O <sub>3</sub><br>ppm | Sm <sub>2</sub> O <sub>3</sub><br>ppm | Eu <sub>2</sub> O <sub>3</sub><br>ppm | Gd <sub>2</sub> O <sub>3</sub><br>ppm | Tb <sub>2</sub> O <sub>3</sub><br>ppm | Dy <sub>2</sub> O <sub>3</sub><br>ppm | Ho <sub>2</sub> O <sub>3</sub><br>ppm | Er <sub>2</sub> O <sub>3</sub><br>ppm | Tm <sub>2</sub> O <sub>3</sub><br>ppm | Yb <sub>2</sub> O <sub>3</sub><br>ppm | Lu <sub>2</sub> O <sub>3</sub><br>ppm | Y <sub>2</sub> O <sub>3</sub><br>ppm | TREO<br>% | Th<br>ppm | U<br>ppm |
|----------|-----------|---------|---------------------------------------|-------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|--------------------------------------|-----------|-----------|----------|
| KGKRC103 | 18.00     | 19.00   | 10855                                 | 17898                   | 1655                                  | 4501                                  | 294                                   | 45.2                                  | 83.9                                  | 6.8                                   | 20.0                                  | 2.4                                   | 2.7                                   | 0.2                                   | 0.9                                   | 0.1                                   | 47.4                                 | 3.54      | 60.2      | 2.6      |
| KGKRC103 | 19.00     | 20.00   | 8217                                  | 14386                   | 1356                                  | 3727                                  | 251                                   | 39.3                                  | 70.2                                  | 5.8                                   | 17.5                                  | 1.8                                   | 2.3                                   | 0.1                                   | 1.0                                   | 0.1                                   | 41.8                                 | 2.81      | 51.1      | 3.7      |
| KGKRC103 | 20.00     | 21.00   | 7602                                  | 13911                   | 1348                                  | 3708                                  | 254                                   | 38.4                                  | 67.5                                  | 5.1                                   | 14.1                                  | 1.7                                   | 2.3                                   | 0.2                                   | 0.7                                   | 0.2                                   | 34.0                                 | 2.70      | 42.0      | 6.8      |
| KGKRC103 | 21.00     | 22.00   | 7504                                  | 14120                   | 1391                                  | 3892                                  | 267                                   | 41.0                                  | 73.6                                  | 5.5                                   | 16.1                                  | 1.7                                   | 2.3                                   | 0.2                                   | 0.9                                   | 0.1                                   | 37.2                                 | 2.74      | 47.4      | 4.8      |
| KGKRC103 | 22.00     | 23.00   | 8917                                  | 15591                   | 1474                                  | 4056                                  | 279                                   | 44.7                                  | 75.9                                  | 6.5                                   | 21.6                                  | 2.0                                   | 3.0                                   | 0.2                                   | 1.1                                   | 0.1                                   | 48.9                                 | 3.05      | 61.6      | 3.4      |
| KGKRC103 | 23.00     | 24.00   | 8899                                  | 15940                   | 1534                                  | 4168                                  | 281                                   | 43.4                                  | 75.8                                  | 5.8                                   | 17.8                                  | 1.8                                   | 3.2                                   | 0.2                                   | 0.5                                   | 0.2                                   | 40.8                                 | 3.10      | 47.8      | 2.5      |
| KGKRC103 | 24.00     | 25.00   | 11146                                 | 18947                   | 1784                                  | 4743                                  | 323                                   | 52.1                                  | 91.1                                  | 7.1                                   | 20.2                                  | 2.0                                   | 3.2                                   | 0.3                                   | 0.8                                   | 0.2                                   | 48.8                                 | 3.72      | 60.3      | 5.6      |
| KGKRC103 | 25.00     | 26.00   | 7746                                  | 13247                   | 1266                                  | 3471                                  | 244                                   | 38.7                                  | 67.5                                  | 5.5                                   | 15.7                                  | 2.0                                   | 2.6                                   | 0.2                                   | 1.2                                   | 0.1                                   | 40.1                                 | 2.61      | 43.9      | 6.9      |
| KGKRC103 | 26.00     | 27.00   | 7072                                  | 12787                   | 1270                                  | 3629                                  | 270                                   | 43.3                                  | 78.6                                  | 7.1                                   | 22.2                                  | 2.0                                   | 3.2                                   | 0.5                                   | 1.8                                   | 0.2                                   | 47.5                                 | 2.52      | 64.3      | 6.2      |
| KGKRC103 | 27.00     | 28.00   | 7101                                  | 13238                   | 1298                                  | 3759                                  | 267                                   | 42.4                                  | 76.4                                  | 6.6                                   | 18.9                                  | 2.1                                   | 2.6                                   | 0.3                                   | 1.3                                   | 0.1                                   | 45.0                                 | 2.59      | 62.6      | 3.2      |
| KGKRC103 | 28.00     | 29.00   | 7490                                  | 13228                   | 1294                                  | 3566                                  | 246                                   | 38.9                                  | 66.8                                  | 5.1                                   | 16.1                                  | 1.7                                   | 2.7                                   | 0.2                                   | 1.7                                   | 0.1                                   | 39.5                                 | 2.60      | 48.2      | 3.4      |
| KGKRC103 | 29.00     | 30.00   | 14296                                 | 23003                   | 2066                                  | 5546                                  | 364                                   | 56.6                                  | 96.5                                  | 7.4                                   | 20.8                                  | 2.3                                   | 3.1                                   | 0.2                                   | 1.4                                   | 0.1                                   | 48.8                                 | 4.55      | 58.3      | 2.8      |
| KGKRC103 | 30.00     | 31.00   | 9768                                  | 17338                   | 1666                                  | 4704                                  | 326                                   | 50.8                                  | 87.9                                  | 7.5                                   | 21.7                                  | 2.1                                   | 2.9                                   | 0.2                                   | 0.9                                   | 0.1                                   | 45.7                                 | 3.40      | 69.7      | 3.0      |
| KGKRC103 | 31.00     | 32.00   | 8869                                  | 15860                   | 1520                                  | 4269                                  | 269                                   | 42.5                                  | 71.4                                  | 5.7                                   | 15.0                                  | 1.5                                   | 2.3                                   | 0.2                                   | 0.8                                   | -0.1                                  | 33.0                                 | 3.10      | 48.8      | 3.6      |
| KGKRC103 | 32.00     | 33.00   | 7220                                  | 13485                   | 1354                                  | 3998                                  | 293                                   | 48.3                                  | 89.1                                  | 6.6                                   | 19.4                                  | 1.8                                   | 2.4                                   | 0.2                                   | 0.6                                   | 0.1                                   | 37.5                                 | 2.66      | 62.4      | 3.2      |
| KGKRC103 | 33.00     | 34.00   | 7056                                  | 13630                   | 1413                                  | 4299                                  | 343                                   | 58.0                                  | 102.3                                 | 6.9                                   | 18.5                                  | 1.7                                   | 2.3                                   | 0.1                                   | 0.9                                   | -0.1                                  | 37.1                                 | 2.70      | 82.5      | 2.7      |
| KGKRC103 | 34.00     | 35.00   | 11298                                 | 19944                   | 1930                                  | 5569                                  | 401                                   | 62.1                                  | 110.5                                 | 8.2                                   | 21.8                                  | 2.2                                   | 3.2                                   | 0.3                                   | 1.2                                   | 0.2                                   | 48.3                                 | 3.94      | 76.7      | 2.7      |
| KGKRC103 | 35.00     | 36.00   | 9794                                  | 18020                   | 1776                                  | 5211                                  | 373                                   | 60.2                                  | 99.7                                  | 7.9                                   | 22.0                                  | 2.3                                   | 3.3                                   | 0.2                                   | 1.3                                   | 0.1                                   | 46.4                                 | 3.54      | 74.1      | 2.4      |
| KGKRC103 | 36.00     | 37.00   | 9756                                  | 17599                   | 1700                                  | 5017                                  | 355                                   | 54.1                                  | 102.1                                 | 7.5                                   | 20.4                                  | 2.1                                   | 2.7                                   | 0.2                                   | 0.8                                   | 0.1                                   | 46.0                                 | 3.47      | 66.8      | 3.9      |
| KGKRC103 | 37.00     | 38.00   | 9109                                  | 16133                   | 1586                                  | 4643                                  | 318                                   | 50.8                                  | 86.7                                  | 6.4                                   | 18.7                                  | 1.7                                   | 3.0                                   | 0.2                                   | 0.8                                   | 0.1                                   | 42.0                                 | 3.20      | 59.0      | 4.6      |
| KGKRC103 | 38.00     | 39.00   | 11523                                 | 20050                   | 1922                                  | 5403                                  | 375                                   | 59.1                                  | 104.5                                 | 7.4                                   | 18.7                                  | 1.8                                   | 2.9                                   | 0.2                                   | 1.0                                   | 0.1                                   | 44.1                                 | 3.95      | 65.6      | 3.0      |
| KGKRC103 | 39.00     | 40.00   | 10483                                 | 19558                   | 1959                                  | 5782                                  | 421                                   | 67.3                                  | 109.1                                 | 7.4                                   | 19.2                                  | 1.8                                   | 2.6                                   | 0.1                                   | 0.7                                   | -0.1                                  | 37.7                                 | 3.84      | 61.0      | 3.9      |
| KGKRC103 | 40.00     | 41.00   | 8789                                  | 17109                   | 1799                                  | 5430                                  | 422                                   | 65.9                                  | 113.3                                 | 8.1                                   | 20.0                                  | 2.1                                   | 2.9                                   | 0.2                                   | 1.5                                   | 0.2                                   | 41.8                                 | 3.38      | 70.1      | 4.2      |
| KGKRC103 | 41.00     | 42.00   | 7814                                  | 14272                   | 1437                                  | 4304                                  | 316                                   | 50.4                                  | 83.9                                  | 6.2                                   | 16.4                                  | 1.8                                   | 1.9                                   | 0.2                                   | 1.1                                   | 0.1                                   | 36.2                                 | 2.83      | 56.7      | 5.2      |
| KGKRC103 | 42.00     | 43.00   | 11126                                 | 19607                   | 1897                                  | 5435                                  | 369                                   | 59.5                                  | 104.9                                 | 8.2                                   | 25.3                                  | 2.9                                   | 5.2                                   | 0.5                                   | 3.0                                   | 0.2                                   | 78.7                                 | 3.87      | 65.7      | 7.0      |
| KGKRC103 | 43.00     | 44.00   | 10254                                 | 18601                   | 1792                                  | 5046                                  | 344                                   | 52.6                                  | 92.6                                  | 7.5                                   | 22.2                                  | 2.5                                   | 3.5                                   | 0.3                                   | 1.7                                   | 0.2                                   | 55.1                                 | 3.63      | 63.7      | 5.7      |
| KGKRC103 | 44.00     | 45.00   | 4756                                  | 9031                    | 890                                   | 2707                                  | 218                                   | 37.1                                  | 75.5                                  | 6.7                                   | 25.4                                  | 4.5                                   | 10.0                                  | 1.1                                   | 6.7                                   | 0.9                                   | 113.3                                | 1.79      | 48.2      | 13.9     |
| KGKRC103 | 45.00     | 46.00   | 5629                                  | 10130                   | 987                                   | 2913                                  | 205                                   | 37.2                                  | 67.1                                  | 5.9                                   | 21.8                                  | 3.7                                   | 9.0                                   | 1.0                                   | 5.9                                   | 0.7                                   | 101.7                                | 2.01      | 36.5      | 13.1     |
| KGKRC103 | 46.00     | 47.00   | 11051                                 | 20705                   | 2000                                  | 5841                                  | 369                                   | 56.0                                  | 88.8                                  | 5.8                                   | 15.2                                  | 1.6                                   | 2.5                                   | 0.2                                   | 1.1                                   | 0.2                                   | 34.8                                 | 4.02      | 47.8      | 2.5      |
| KGKRC103 | 47.00     | 48.00   | 4618                                  | 8659                    | 832                                   | 2456                                  | 189                                   | 33.8                                  | 67.7                                  | 5.9                                   | 21.8                                  | 3.0                                   | 6.3                                   | 0.8                                   | 3.8                                   | 0.6                                   | 78.7                                 | 1.70      | 38.6      | 12.0     |
| KGKRC103 | 48.00     | 49.00   | 5785                                  | 10044                   | 953                                   | 2812                                  | 204                                   | 34.5                                  | 68.5                                  | 5.9                                   | 20.9                                  | 2.5                                   | 5.4                                   | 0.6                                   | 3.6                                   | 0.3                                   | 63.4                                 | 2.00      | 35.2      | 13.0     |
| KGKRC103 | 49.00     | 50.00   | 11768                                 | 21819                   | 2145                                  | 6226                                  | 415                                   | 62.6                                  | 108.4                                 | 7.7                                   | 17.6                                  | 2.0                                   | 2.7                                   | 0.3                                   | 1.0                                   | 0.1                                   | 40.3                                 | 4.26      | 65.6      | 3.8      |
| KGKRC103 | 50.00     | 51.00   | 10317                                 | 18536                   | 1822                                  | 5220                                  | 348                                   | 54.0                                  | 92.1                                  | 6.2                                   | 18.5                                  | 1.8                                   | 2.3                                   | 0.2                                   | 0.7                                   | 0.1                                   | 34.7                                 | 3.65      | 58.2      | 3.1      |
| KGKRC103 | 51.00     | 52.00   | 9518                                  | 17369                   | 1696                                  | 5026                                  | 347                                   | 55.9                                  | 91.5                                  | 7.1                                   | 19.1                                  | 1.8                                   | 2.7                                   | 0.3                                   | 1.1                                   | 0.1                                   | 40.8                                 | 3.42      | 69.4      | 5.4      |
| KGKRC103 | 52.00     | 53.00   | 11349                                 | 21413                   | 2121                                  | 6203                                  | 389                                   | 58.8                                  | 94.6                                  | 7.1                                   | 17.1                                  | 2.0                                   | 3.0                                   | 0.2                                   | 1.4                                   | 0.1                                   | 40.6                                 | 4.17      | 50.8      | 4.9      |
| KGKRC103 | 53.00     | 54.00   | 8500                                  | 16375                   | 1654                                  | 4868                                  | 342                                   | 51.5                                  | 85.7                                  | 6.4                                   | 15.6                                  | 1.7                                   | 2.7                                   | 0.1                                   | 1.4                                   | -0.1                                  | 36.7                                 | 3.19      | 57.8      | 2.8      |
| KGKRC103 | 54.00     | 55.00   | 8232                                  | 15102                   | 1512                                  | 4429                                  | 291                                   | 44.9                                  | 77.4                                  | 5.4                                   | 14.5                                  | 1.4                                   | 2.2                                   | 0.2                                   | 1.4                                   | 0.1                                   | 32.8                                 | 2.97      | 45.9      | 4.9      |
| KGKRC103 | 55.00     | 56.00   | 9918                                  | 17080                   | 1623                                  | 4668                                  | 297                                   | 48.3                                  | 82.6                                  | 6.5                                   | 19.5                                  | 2.1                                   | 3.0                                   | 0.2                                   | 1.1                                   | 0.1                                   | 43.4                                 | 3.38      | 65.2      | 4.5      |
| KGKRC103 | 56.00     | 57.00   | 10844                                 | 19406                   | 1877                                  | 5308                                  | 348                                   | 54.9                                  | 88.7                                  | 6.6                                   | 17.0                                  | 1.8                                   | 2.5                                   | 0.3                                   | 1.5                                   | 0.1                                   | 40.4                                 | 3.80      | 57.0      | 3.8      |
| KGKRC103 | 57.00     | 58.00   | 7497                                  | 13907                   | 1386                                  | 4094                                  | 269                                   | 40.6                                  | 68.4                                  | 4.8                                   | 12.3                                  | 1.3                                   | 1.8                                   | -0.1                                  | 0.9                                   | -0.1                                  | 27.2                                 | 2.73      | 39.7      | 3.3      |
| KGKRC103 | 58.00     | 59.00   | 8859                                  | 16418                   | 1630                                  | 4769                                  | 319                                   | 49.9                                  | 83.0                                  | 6.2                                   | 15.6                                  | 1.6                                   | 2.4                                   | 0.2                                   | 1.2                                   | 0.1                                   | 35.9                                 | 3.22      | 52.5      | 2.5      |
| KGKRC103 | 59.00     | 60.00   | 11032                                 | 18696                   | 1756                                  | 4963                                  | 334                                   | 52.5                                  | 86.3                                  | 6.7                                   | 17.8                                  | 2.0                                   | 3.2                                   | 0.2                                   | 1.8                                   | 0.2                                   | 45.6                                 | 3.70      | 51.2      | 5.6      |
| KGKRC103 | 60.00     | 61.00   | 3455                                  | 8524                    | 1001                                  | 3554                                  | 380                                   | 69.1                                  | 126.2                                 | 9.8                                   | 33.3                                  | 3.3                                   | 6.6                                   | 0.8                                   | 3.2                                   | 0.5                                   | 89.2                                 | 1.73      | 100.1     | 9.4      |
| KGKRC103 | 61.00     | 62.00   | 2874                                  | 7163                    | 868                                   | 3104                                  | 319                                   | 56.7                                  | 106.5                                 | 8.2                                   | 28.4                                  | 3.3                                   | 6.8                                   | 0.7                                   | 3.8                                   | 0.6                                   | 92.8                                 | 1.46      | 85.1      | 6.4      |
| KGKRC103 | 62.00     | 63.00   | 1206                                  | 2772                    | 324                                   | 1168                                  | 153                                   | 34.7                                  | 88.2                                  | 10.8                                  | 42.6                                  | 5.5                                   | 12.4                                  | 1.6                                   | 6.4                                   | 0.9                                   | 149.1                                | 0.60      | 87.4      | 20.8     |

# LINDIAN

RESOURCES LTD.

| Hole ID  | From<br>m | To<br>m | La <sub>2</sub> O <sub>3</sub><br>ppm | CeO <sub>2</sub><br>ppm | Pr <sub>2</sub> O <sub>3</sub><br>ppm | Nd <sub>2</sub> O <sub>3</sub><br>ppm | Sm <sub>2</sub> O <sub>3</sub><br>ppm | Eu <sub>2</sub> O <sub>3</sub><br>ppm | Gd <sub>2</sub> O <sub>3</sub><br>ppm | Tb <sub>2</sub> O <sub>3</sub><br>ppm | Dy <sub>2</sub> O <sub>3</sub><br>ppm | Ho <sub>2</sub> O <sub>3</sub><br>ppm | Er <sub>2</sub> O <sub>3</sub><br>ppm | Tm <sub>2</sub> O <sub>3</sub><br>ppm | Yb <sub>2</sub> O <sub>3</sub><br>ppm | Lu <sub>2</sub> O <sub>3</sub><br>ppm | Y <sub>2</sub> O <sub>3</sub><br>ppm | TREO<br>% | Th<br>ppm | U<br>ppm |
|----------|-----------|---------|---------------------------------------|-------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|--------------------------------------|-----------|-----------|----------|
| KGKRC103 | 63.00     | 64.00   | 959                                   | 2150                    | 251                                   | 901                                   | 114                                   | 27.9                                  | 68.8                                  | 7.7                                   | 33.5                                  | 5.2                                   | 11.2                                  | 1.5                                   | 7.0                                   | 0.9                                   | 128.4                                | 0.47      | 50.4      | 19.4     |
| KGKRC103 | 64.00     | 65.00   | 989                                   | 2118                    | 241                                   | 854                                   | 109                                   | 25.6                                  | 64.2                                  | 6.9                                   | 29.2                                  | 4.9                                   | 10.6                                  | 1.1                                   | 6.0                                   | 0.8                                   | 116.2                                | 0.46      | 39.3      | 22.4     |
| KGKRC103 | 65.00     | 66.00   | 2395                                  | 4585                    | 461                                   | 1456                                  | 144                                   | 31.2                                  | 72.0                                  | 8.6                                   | 37.3                                  | 4.8                                   | 11.1                                  | 1.1                                   | 6.5                                   | 0.8                                   | 135.1                                | 0.93      | 89.4      | 17.4     |
| KGKRC103 | 66.00     | 67.00   | 3472                                  | 6193                    | 593                                   | 1773                                  | 152                                   | 29.5                                  | 63.8                                  | 6.7                                   | 26.9                                  | 3.4                                   | 7.7                                   | 0.8                                   | 4.8                                   | 0.6                                   | 94.7                                 | 1.24      | 36.7      | 15.1     |
| KGKRC103 | 67.00     | 68.00   | 9941                                  | 17407                   | 1681                                  | 4780                                  | 318                                   | 49.4                                  | 85.9                                  | 6.4                                   | 16.1                                  | 1.3                                   | 2.6                                   | 0.2                                   | 1.4                                   | 0.1                                   | 36.6                                 | 3.43      | 54.9      | 7.0      |
| KGKRC103 | 68.00     | 69.00   | 6426                                  | 12497                   | 1287                                  | 3903                                  | 276                                   | 42.3                                  | 72.2                                  | 4.6                                   | 11.7                                  | 1.3                                   | 2.1                                   | 0.2                                   | 0.6                                   | -0.1                                  | 26.3                                 | 2.45      | 35.9      | 7.3      |
| KGKRC103 | 69.00     | 70.00   | 6794                                  | 13264                   | 1340                                  | 4005                                  | 293                                   | 45.6                                  | 77.1                                  | 5.3                                   | 14.4                                  | 1.6                                   | 2.5                                   | 0.2                                   | 1.1                                   | 0.1                                   | 33.7                                 | 2.59      | 53.1      | 3.9      |
| KGKRC103 | 70.00     | 71.00   | 7629                                  | 14188                   | 1423                                  | 4258                                  | 308                                   | 47.9                                  | 76.7                                  | 6.0                                   | 17.7                                  | 1.6                                   | 2.5                                   | 0.3                                   | 0.9                                   | 0.1                                   | 38.5                                 | 2.80      | 49.7      | 3.1      |
| KGKRC103 | 71.00     | 72.00   | 5883                                  | 11154                   | 1110                                  | 3283                                  | 229                                   | 37.1                                  | 64.2                                  | 5.2                                   | 15.2                                  | 1.7                                   | 2.4                                   | 0.2                                   | 1.5                                   | 0.1                                   | 37.0                                 | 2.18      | 46.9      | 2.0      |
| KGKRC103 | 72.00     | 73.00   | 5581                                  | 10379                   | 1016                                  | 3012                                  | 229                                   | 38.2                                  | 71.1                                  | 5.8                                   | 18.0                                  | 2.3                                   | 3.8                                   | 0.3                                   | 1.7                                   | 0.2                                   | 49.4                                 | 2.04      | 47.7      | 4.2      |
| KGKRC103 | 73.00     | 74.00   | 9066                                  | 17007                   | 1687                                  | 5059                                  | 373                                   | 63.6                                  | 111.6                                 | 9.2                                   | 25.4                                  | 2.9                                   | 4.7                                   | 0.5                                   | 2.9                                   | 0.3                                   | 64.9                                 | 3.35      | 87.6      | 2.0      |
| KGKRC103 | 74.00     | 75.00   | 9345                                  | 18102                   | 1825                                  | 5499                                  | 445                                   | 73.8                                  | 130.1                                 | 9.8                                   | 28.0                                  | 3.0                                   | 4.7                                   | 0.5                                   | 2.4                                   | 0.2                                   | 62.0                                 | 3.55      | 87.0      | 2.4      |
| KGKRC103 | 75.00     | 76.00   | 11308                                 | 21629                   | 2192                                  | 6574                                  | 546                                   | 96.8                                  | 180.2                                 | 13.5                                  | 35.6                                  | 3.3                                   | 5.2                                   | 0.5                                   | 1.9                                   | 0.1                                   | 74.8                                 | 4.27      | 140.2     | 1.7      |
| KGKRC103 | 76.00     | 77.00   | 15706                                 | 28419                   | 2748                                  | 8235                                  | 631                                   | 107.7                                 | 200.0                                 | 15.3                                  | 42.0                                  | 4.2                                   | 5.7                                   | 0.5                                   | 1.5                                   | 0.2                                   | 84.5                                 | 5.62      | 158.3     | 1.7      |
| KGKRC103 | 77.00     | 78.00   | 12869                                 | 23742                   | 2396                                  | 7332                                  | 597                                   | 103.5                                 | 194.7                                 | 14.5                                  | 42.6                                  | 4.6                                   | 6.0                                   | 0.5                                   | 1.9                                   | 0.3                                   | 97.8                                 | 4.74      | 159.3     | 2.6      |
| KGKRC103 | 78.00     | 79.00   | 9565                                  | 17863                   | 1787                                  | 5311                                  | 378                                   | 59.8                                  | 105.3                                 | 7.4                                   | 21.9                                  | 2.3                                   | 3.2                                   | 0.3                                   | 1.5                                   | 0.2                                   | 48.5                                 | 3.52      | 66.7      | 3.0      |
| KGKRC103 | 79.00     | 80.00   | 9081                                  | 16983                   | 1679                                  | 4965                                  | 338                                   | 53.3                                  | 88.9                                  | 6.2                                   | 17.8                                  | 1.7                                   | 2.2                                   | 0.2                                   | 1.5                                   | 0.1                                   | 37.6                                 | 3.33      | 44.6      | 3.1      |
| KGKRC103 | 80.00     | 81.00   | 7833                                  | 14746                   | 1500                                  | 4464                                  | 332                                   | 52.7                                  | 91.1                                  | 7.3                                   | 17.3                                  | 1.7                                   | 2.4                                   | 0.2                                   | 0.8                                   | 0.1                                   | 40.4                                 | 2.91      | 65.7      | 5.3      |
| KGKRC103 | 81.00     | 82.00   | 9865                                  | 18500                   | 1851                                  | 5549                                  | 413                                   | 63.7                                  | 106.4                                 | 7.3                                   | 19.3                                  | 1.8                                   | 2.5                                   | 0.2                                   | 0.6                                   | 0.1                                   | 39.9                                 | 3.64      | 64.8      | 3.9      |
| KGKRC103 | 82.00     | 83.00   | 10539                                 | 18698                   | 1844                                  | 5398                                  | 380                                   | 57.4                                  | 94.3                                  | 6.8                                   | 17.9                                  | 1.6                                   | 2.3                                   | 0.1                                   | 0.8                                   | 0.1                                   | 34.7                                 | 3.71      | 52.1      | 2.7      |
| KGKRC103 | 83.00     | 84.00   | 8197                                  | 15669                   | 1577                                  | 4705                                  | 324                                   | 49.8                                  | 82.8                                  | 6.2                                   | 15.6                                  | 1.6                                   | 1.9                                   | 0.2                                   | 0.7                                   | -0.1                                  | 30.7                                 | 3.07      | 47.8      | 2.4      |
| KGKRC103 | 84.00     | 85.00   | 9849                                  | 18863                   | 1935                                  | 5834                                  | 427                                   | 67.6                                  | 113.2                                 | 8.4                                   | 22.3                                  | 2.0                                   | 2.5                                   | 0.2                                   | 0.9                                   | -0.1                                  | 39.4                                 | 3.72      | 76.9      | 3.3      |
| KGKRC103 | 85.00     | 86.00   | 8485                                  | 16018                   | 1600                                  | 4853                                  | 351                                   | 54.8                                  | 96.6                                  | 7.3                                   | 20.7                                  | 2.0                                   | 2.7                                   | 0.2                                   | 1.0                                   | 0.2                                   | 40.6                                 | 3.15      | 85.2      | 5.7      |
| KGKRC103 | 86.00     | 87.00   | 7124                                  | 14125                   | 1449                                  | 4416                                  | 337                                   | 54.7                                  | 101.1                                 | 8.7                                   | 26.3                                  | 2.5                                   | 3.2                                   | 0.2                                   | 1.5                                   | 0.2                                   | 55.1                                 | 2.77      | 109.8     | 4.7      |
| KGKRC103 | 87.00     | 88.00   | 10919                                 | 20300                   | 1955                                  | 5671                                  | 368                                   | 57.6                                  | 96.1                                  | 7.1                                   | 19.3                                  | 1.8                                   | 3.3                                   | 0.3                                   | 1.1                                   | 0.1                                   | 42.4                                 | 3.94      | 63.1      | 2.1      |
| KGKRC103 | 88.00     | 89.00   | 9297                                  | 17636                   | 1770                                  | 5291                                  | 360                                   | 53.7                                  | 87.9                                  | 5.9                                   | 15.4                                  | 1.4                                   | 2.3                                   | 0.2                                   | 0.8                                   | -0.1                                  | 32.1                                 | 3.46      | 44.2      | 4.5      |
| KGKRC103 | 89.00     | 90.00   | 8832                                  | 17994                   | 1839                                  | 5650                                  | 403                                   | 61.1                                  | 100.6                                 | 6.9                                   | 17.8                                  | 1.5                                   | 2.2                                   | 0.2                                   | 1.5                                   | 0.1                                   | 37.3                                 | 3.49      | 56.0      | 5.6      |
| KGKRC103 | 90.00     | 91.00   | 11762                                 | 21931                   | 2189                                  | 6607                                  | 483                                   | 77.8                                  | 140.7                                 | 10.8                                  | 26.7                                  | 2.8                                   | 2.9                                   | 0.2                                   | 2.2                                   | 0.1                                   | 54.9                                 | 4.33      | 117.7     | 3.3      |
| KGKRC103 | 91.00     | 92.00   | 10706                                 | 20295                   | 1996                                  | 5830                                  | 406                                   | 64.0                                  | 107.5                                 | 7.4                                   | 18.0                                  | 1.8                                   | 2.6                                   | 0.2                                   | 1.2                                   | 0.1                                   | 38.0                                 | 3.95      | 76.9      | 4.2      |
| KGKRC103 | 92.00     | 93.00   | 10428                                 | 19311                   | 1866                                  | 5448                                  | 370                                   | 54.9                                  | 91.2                                  | 5.9                                   | 14.6                                  | 1.3                                   | 1.9                                   | 0.2                                   | 1.1                                   | -0.1                                  | 29.0                                 | 3.76      | 38.3      | 4.1      |
| KGKRC103 | 93.00     | 94.00   | 7120                                  | 13425                   | 1346                                  | 4011                                  | 282                                   | 43.0                                  | 68.6                                  | 4.5                                   | 12.5                                  | 1.4                                   | 1.6                                   | 0.2                                   | 1.1                                   | 0.1                                   | 29.5                                 | 2.63      | 33.7      | 7.6      |
| KGKRC103 | 94.00     | 95.00   | 6143                                  | 12025                   | 1255                                  | 3819                                  | 286                                   | 43.3                                  | 71.2                                  | 5.1                                   | 14.0                                  | 1.4                                   | 2.2                                   | 0.3                                   | 1.1                                   | 0.1                                   | 31.2                                 | 2.37      | 44.0      | 5.2      |
| KGKRC103 | 95.00     | 96.00   | 7706                                  | 15009                   | 1564                                  | 4656                                  | 327                                   | 51.1                                  | 82.3                                  | 5.4                                   | 14.1                                  | 1.6                                   | 2.3                                   | 0.3                                   | 1.0                                   | 0.2                                   | 33.3                                 | 2.95      | 41.3      | 6.0      |
| KGKRC103 | 96.00     | 97.00   | 5462                                  | 12735                   | 1542                                  | 5246                                  | 535                                   | 94.6                                  | 170.0                                 | 11.4                                  | 31.6                                  | 3.2                                   | 5.5                                   | 0.6                                   | 3.4                                   | 0.5                                   | 81.4                                 | 2.59      | 146.5     | 3.0      |
| KGKRC103 | 97.00     | 98.00   | 756                                   | 1792                    | 225                                   | 838                                   | 106                                   | 20.8                                  | 48.0                                  | 4.1                                   | 17.3                                  | 2.6                                   | 4.6                                   | 0.7                                   | 4.5                                   | 0.7                                   | 74.0                                 | 0.39      | 28.5      | 1.3      |
| KGKRC103 | 98.00     | 99.00   | 4160                                  | 9882                    | 1200                                  | 4066                                  | 390                                   | 65.4                                  | 118.8                                 | 7.1                                   | 18.1                                  | 1.7                                   | 2.4                                   | 0.3                                   | 2.1                                   | 0.2                                   | 41.1                                 | 2.00      | 98.0      | 2.5      |
| KGKRC103 | 99.00     | 100.00  | 9345                                  | 17069                   | 1761                                  | 5140                                  | 373                                   | 57.7                                  | 100.5                                 | 6.8                                   | 17.3                                  | 1.7                                   | 3.0                                   | 0.3                                   | 1.2                                   | 0.2                                   | 43.1                                 | 3.39      | 56.2      | 4.0      |
| KGKRC103 | 100.00    | 101.00  | 7077                                  | 12983                   | 1308                                  | 3837                                  | 288                                   | 46.3                                  | 84.0                                  | 6.1                                   | 17.6                                  | 1.7                                   | 3.2                                   | 0.5                                   | 1.4                                   | 0.3                                   | 44.3                                 | 2.57      | 62.2      | 4.2      |
| KGKRC103 | 101.00    | 102.00  | 6472                                  | 12531                   | 1291                                  | 3848                                  | 287                                   | 44.1                                  | 75.7                                  | 5.2                                   | 14.5                                  | 1.7                                   | 1.9                                   | 0.2                                   | 1.3                                   | 0.1                                   | 33.7                                 | 2.46      | 53.3      | 4.6      |
| KGKRC103 | 102.00    | 103.00  | 9218                                  | 16470                   | 1635                                  | 4706                                  | 327                                   | 49.7                                  | 87.0                                  | 5.4                                   | 13.5                                  | 1.4                                   | 2.2                                   | 0.2                                   | 0.8                                   | 0.1                                   | 30.4                                 | 3.25      | 44.4      | 5.7      |
| KGKRC103 | 103.00    | 104.00  | 7634                                  | 14156                   | 1476                                  | 4272                                  | 300                                   | 48.2                                  | 81.9                                  | 6.1                                   | 17.5                                  | 1.8                                   | 3.5                                   | 0.3                                   | 2.0                                   | 0.3                                   | 50.8                                 | 2.81      | 45.4      | 7.6      |
| KGKRC103 | 104.00    | 105.00  | 10146                                 | 18842                   | 1901                                  | 5450                                  | 373                                   | 56.7                                  | 96.0                                  | 6.6                                   | 16.8                                  | 1.7                                   | 2.6                                   | 0.3                                   | 1.4                                   | 0.2                                   | 40.3                                 | 3.69      | 50.2      | 5.8      |
| KGKRC103 | 105.00    | 106.00  | 5396                                  | 10355                   | 1070                                  | 3179                                  | 232                                   | 34.6                                  | 61.8                                  | 3.9                                   | 10.2                                  | 1.0                                   | 1.8                                   | 0.2                                   | 0.6                                   | -0.1                                  | 23.8                                 | 2.04      | 33.4      | 10.4     |
| KGKRC103 | 106.00    | 107.00  | 5359                                  | 10144                   | 1055                                  | 3155                                  | 239                                   | 38.3                                  | 73.4                                  | 5.7                                   | 14.8                                  | 1.5                                   | 2.1                                   | 0.1                                   | 0.9                                   | 0.1                                   | 34.0                                 | 2.01      | 55.6      | 6.3      |
| KGKRC103 | 107.00    | 108.00  | 6241                                  | 11886                   | 1247                                  | 3632                                  | 264                                   | 43.8                                  | 80.1                                  | 6.6                                   | 18.5                                  | 2.0                                   | 2.5                                   | 0.2                                   | 1.1                                   | 0.1                                   | 44.8                                 | 2.35      | 73.9      | 4.1      |

| Hole ID  | From<br>m | To<br>m | La <sub>2</sub> O <sub>3</sub><br>ppm | CeO <sub>2</sub><br>ppm | Pr <sub>2</sub> O <sub>3</sub><br>ppm | Nd <sub>2</sub> O <sub>3</sub><br>ppm | Sm <sub>2</sub> O <sub>3</sub><br>ppm | Eu <sub>2</sub> O <sub>3</sub><br>ppm | Gd <sub>2</sub> O <sub>3</sub><br>ppm | Tb <sub>2</sub> O <sub>3</sub><br>ppm | Dy <sub>2</sub> O <sub>3</sub><br>ppm | Ho <sub>2</sub> O <sub>3</sub><br>ppm | Er <sub>2</sub> O <sub>3</sub><br>ppm | Tm <sub>2</sub> O <sub>3</sub><br>ppm | Yb <sub>2</sub> O <sub>3</sub><br>ppm | Lu <sub>2</sub> O <sub>3</sub><br>ppm | Y <sub>2</sub> O <sub>3</sub><br>ppm | TREO<br>% | Th<br>ppm | U<br>ppm |
|----------|-----------|---------|---------------------------------------|-------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|--------------------------------------|-----------|-----------|----------|
| KGKRC103 | 108.00    | 109.00  | 6159                                  | 11770                   | 1206                                  | 3473                                  | 235                                   | 36.2                                  | 62.1                                  | 4.4                                   | 12.1                                  | 1.2                                   | 2.2                                   | 0.2                                   | 1.0                                   | -0.1                                  | 30.9                                 | 2.30      | 31.3      | 4.8      |
| KGKRC103 | 109.00    | 110.00  | 3387                                  | 6628                    | 715                                   | 2126                                  | 159                                   | 26.6                                  | 45.3                                  | 3.1                                   | 8.5                                   | 0.9                                   | 1.8                                   | 0.2                                   | 0.8                                   | 0.2                                   | 26.0                                 | 1.31      | 31.8      | 11.3     |
| KGKRC103 | 110.00    | 111.00  | 3176                                  | 6143                    | 637                                   | 1882                                  | 135                                   | 22.7                                  | 37.0                                  | 2.5                                   | 7.5                                   | 0.8                                   | 1.5                                   | 0.2                                   | 0.5                                   | -0.1                                  | 17.9                                 | 1.21      | 26.5      | 9.6      |
| KGKRC103 | 111.00    | 112.00  | 5885                                  | 10995                   | 1108                                  | 3277                                  | 225                                   | 33.7                                  | 58.0                                  | 4.2                                   | 10.8                                  | 1.0                                   | 1.7                                   | 0.1                                   | 0.8                                   | -0.1                                  | 25.0                                 | 2.16      | 28.3      | 6.9      |
| KGKRC103 | 112.00    | 113.00  | 4786                                  | 9374                    | 984                                   | 3012                                  | 238                                   | 38.1                                  | 67.2                                  | 4.7                                   | 13.1                                  | 1.5                                   | 2.4                                   | 0.2                                   | 1.1                                   | 0.1                                   | 34.8                                 | 1.86      | 42.3      | 7.8      |
| KGKRC103 | 113.00    | 114.00  | 11753                                 | 19672                   | 1882                                  | 5239                                  | 373                                   | 62.4                                  | 110.7                                 | 8.1                                   | 22.6                                  | 2.3                                   | 3.5                                   | 0.3                                   | 1.4                                   | 0.1                                   | 50.3                                 | 3.92      | 76.0      | 5.3      |
| KGKRC103 | 114.00    | 115.00  | 7067                                  | 12761                   | 1263                                  | 3598                                  | 244                                   | 39.3                                  | 69.3                                  | 4.9                                   | 14.9                                  | 1.7                                   | 3.2                                   | 0.3                                   | 1.8                                   | 0.2                                   | 39.6                                 | 2.51      | 41.7      | 6.9      |
| KGKRC103 | 115.00    | 116.00  | 7292                                  | 12740                   | 1250                                  | 3496                                  | 241                                   | 38.9                                  | 67.9                                  | 4.7                                   | 14.0                                  | 1.6                                   | 2.4                                   | 0.3                                   | 1.5                                   | -0.1                                  | 40.5                                 | 2.52      | 41.7      | 4.9      |
| KGKRC103 | 116.00    | 117.00  | 10635                                 | 18281                   | 1786                                  | 4972                                  | 355                                   | 57.3                                  | 104.5                                 | 7.1                                   | 19.1                                  | 1.8                                   | 2.4                                   | 0.2                                   | 1.0                                   | 0.1                                   | 39.4                                 | 3.63      | 73.3      | 4.0      |
| KGKRC103 | 117.00    | 118.00  | 17974                                 | 30740                   | 2981                                  | 8295                                  | 573                                   | 93.3                                  | 171.2                                 | 12.1                                  | 30.5                                  | 2.9                                   | 4.0                                   | 0.3                                   | 1.5                                   | 0.1                                   | 62.4                                 | 6.09      | 117.6     | 4.9      |
| KGKRC103 | 118.00    | 119.00  | 9920                                  | 17594                   | 1761                                  | 4985                                  | 368                                   | 61.8                                  | 115.2                                 | 8.6                                   | 25.3                                  | 2.5                                   | 4.0                                   | 0.3                                   | 1.2                                   | 0.2                                   | 57.5                                 | 3.49      | 85.2      | 4.1      |
| KGKRC103 | 119.00    | 120.00  | 7360                                  | 13861                   | 1427                                  | 4198                                  | 319                                   | 51.8                                  | 89.9                                  | 6.8                                   | 18.6                                  | 1.7                                   | 2.9                                   | 0.1                                   | 1.6                                   | 0.2                                   | 41.8                                 | 2.74      | 59.5      | 4.3      |
| KGKRC103 | 120.00    | 121.00  | 4749                                  | 8723                    | 869                                   | 2510                                  | 172                                   | 29.2                                  | 47.4                                  | 3.9                                   | 11.4                                  | 1.4                                   | 2.4                                   | 0.3                                   | 0.7                                   | 0.2                                   | 35.3                                 | 1.72      | 26.4      | 4.4      |
| KGKRC103 | 121.00    | 122.00  | 9114                                  | 15544                   | 1497                                  | 4227                                  | 301                                   | 48.3                                  | 91.3                                  | 7.2                                   | 21.5                                  | 2.0                                   | 3.2                                   | 0.3                                   | 1.8                                   | 0.2                                   | 48.6                                 | 3.09      | 66.9      | 2.7      |
| KGKRC103 | 122.00    | 123.00  | 9865                                  | 18082                   | 1871                                  | 5364                                  | 360                                   | 54.9                                  | 94.5                                  | 6.8                                   | 18.0                                  | 1.7                                   | 2.9                                   | 0.2                                   | 0.7                                   | 0.1                                   | 37.5                                 | 3.58      | 46.5      | 3.8      |
| KGKRC103 | 123.00    | 124.00  | 7040                                  | 12873                   | 1306                                  | 3776                                  | 256                                   | 41.5                                  | 68.0                                  | 4.6                                   | 11.4                                  | 1.3                                   | 1.9                                   | 0.2                                   | 0.9                                   | 0.1                                   | 26.8                                 | 2.54      | 38.5      | 7.8      |
| KGKRC103 | 124.00    | 125.00  | 7166                                  | 13058                   | 1323                                  | 3737                                  | 244                                   | 38.2                                  | 63.0                                  | 4.8                                   | 12.2                                  | 1.4                                   | 2.2                                   | 0.2                                   | 0.8                                   | -0.1                                  | 30.6                                 | 2.57      | 34.4      | 5.6      |
| KGKRC103 | 125.00    | 126.00  | 4976                                  | 9161                    | 922                                   | 2609                                  | 188                                   | 29.5                                  | 56.6                                  | 4.6                                   | 15.6                                  | 1.6                                   | 2.7                                   | 0.3                                   | 1.4                                   | 0.2                                   | 40.9                                 | 1.80      | 43.9      | 4.4      |
| KGKRC103 | 126.00    | 127.00  | 5835                                  | 10502                   | 1044                                  | 3019                                  | 208                                   | 33.0                                  | 59.5                                  | 4.4                                   | 12.3                                  | 1.4                                   | 2.5                                   | 0.3                                   | 1.6                                   | 0.2                                   | 33.9                                 | 2.08      | 39.6      | 3.5      |
| KGKRC103 | 127.00    | 128.00  | 6291                                  | 11666                   | 1203                                  | 3524                                  | 246                                   | 39.8                                  | 66.8                                  | 5.3                                   | 13.3                                  | 1.6                                   | 2.6                                   | 0.2                                   | 1.2                                   | 0.2                                   | 34.7                                 | 2.31      | 45.3      | 8.1      |
| KGKRC103 | 128.00    | 129.00  | 8484                                  | 15841                   | 1639                                  | 4639                                  | 310                                   | 46.9                                  | 79.3                                  | 5.5                                   | 14.8                                  | 1.6                                   | 2.7                                   | 0.3                                   | 1.4                                   | 0.2                                   | 38.6                                 | 3.11      | 36.7      | 2.9      |
| KGKRC103 | 129.00    | 130.00  | 9660                                  | 17836                   | 1757                                  | 4996                                  | 334                                   | 52.1                                  | 91.7                                  | 6.4                                   | 19.5                                  | 1.7                                   | 3.1                                   | 0.2                                   | 0.8                                   | -0.1                                  | 42.2                                 | 3.48      | 53.6      | 2.9      |
| KGKRC103 | 130.00    | 131.00  | 7081                                  | 12055                   | 1184                                  | 3501                                  | 311                                   | 58.0                                  | 111.7                                 | 8.7                                   | 27.3                                  | 2.8                                   | 5.0                                   | 0.6                                   | 2.6                                   | 0.3                                   | 76.7                                 | 2.44      | 78.1      | 2.7      |
| KGKRC103 | 131.00    | 132.00  | 2206                                  | 4379                    | 465                                   | 1433                                  | 121                                   | 20.2                                  | 36.7                                  | 2.8                                   | 9.2                                   | 1.3                                   | 2.1                                   | 0.2                                   | 1.2                                   | 0.2                                   | 30.1                                 | 0.87      | 23.0      | 2.4      |
| KGKRC103 | 132.00    | 133.00  | 10473                                 | 19686                   | 2072                                  | 6070                                  | 433                                   | 68.2                                  | 115.0                                 | 8.2                                   | 21.9                                  | 2.0                                   | 3.5                                   | 0.2                                   | 1.3                                   | 0.1                                   | 47.0                                 | 3.90      | 76.3      | 2.5      |
| KGKRC103 | 133.00    | 134.00  | 10122                                 | 18953                   | 1960                                  | 5637                                  | 392                                   | 61.0                                  | 101.9                                 | 7.5                                   | 19.6                                  | 2.0                                   | 2.7                                   | 0.2                                   | 1.4                                   | 0.1                                   | 44.3                                 | 3.73      | 68.8      | 2.7      |
| KGKRC103 | 134.00    | 135.00  | 9300                                  | 15542                   | 1477                                  | 4086                                  | 313                                   | 52.9                                  | 103.5                                 | 7.9                                   | 24.0                                  | 2.2                                   | 3.8                                   | 0.3                                   | 1.5                                   | 0.1                                   | 54.0                                 | 3.10      | 81.8      | 2.5      |
| KGKRC103 | 135.00    | 136.00  | 9028                                  | 16887                   | 1738                                  | 5035                                  | 351                                   | 55.2                                  | 94.4                                  | 6.5                                   | 16.3                                  | 1.8                                   | 2.9                                   | 0.3                                   | 1.8                                   | 0.2                                   | 42.2                                 | 3.33      | 57.5      | 1.8      |
| KGKRC103 | 136.00    | 137.00  | 5950                                  | 11184                   | 1141                                  | 3377                                  | 275                                   | 52.6                                  | 104.1                                 | 8.2                                   | 21.6                                  | 2.2                                   | 2.9                                   | 0.2                                   | 1.4                                   | 0.2                                   | 50.5                                 | 2.22      | 119.7     | 3.6      |
| KGKRC103 | 137.00    | 138.00  | 6025                                  | 11125                   | 1154                                  | 3398                                  | 275                                   | 50.5                                  | 103.9                                 | 8.8                                   | 27.1                                  | 2.5                                   | 3.7                                   | 0.6                                   | 2.4                                   | 0.2                                   | 62.5                                 | 2.22      | 117.7     | 4.7      |
| KGKRC103 | 138.00    | 139.00  | 8741                                  | 16176                   | 1630                                  | 4644                                  | 316                                   | 49.6                                  | 85.2                                  | 5.9                                   | 17.3                                  | 1.6                                   | 2.7                                   | 0.3                                   | 1.3                                   | 0.1                                   | 40.9                                 | 3.17      | 51.8      | 5.3      |
| KGKRC103 | 139.00    | 140.00  | 5078                                  | 9125                    | 922                                   | 2663                                  | 187                                   | 30.7                                  | 59.2                                  | 5.2                                   | 19.1                                  | 2.1                                   | 3.9                                   | 0.6                                   | 1.8                                   | 0.2                                   | 53.1                                 | 1.82      | 49.7      | 3.8      |
| KGKRC103 | 140.00    | 141.00  | 4316                                  | 8070                    | 816                                   | 2371                                  | 166                                   | 27.6                                  | 52.3                                  | 4.0                                   | 11.5                                  | 1.3                                   | 1.7                                   | 0.2                                   | 1.0                                   | 0.1                                   | 30.2                                 | 1.59      | 39.5      | 5.0      |
| KGKRC103 | 141.00    | 142.00  | 5822                                  | 10614                   | 1040                                  | 2982                                  | 201                                   | 34.5                                  | 59.2                                  | 4.5                                   | 11.3                                  | 1.4                                   | 2.2                                   | 0.2                                   | 0.6                                   | 0.1                                   | 30.0                                 | 2.08      | 47.4      | 8.1      |
| KGKRC103 | 142.00    | 143.00  | 5936                                  | 10172                   | 1009                                  | 2852                                  | 193                                   | 33.4                                  | 57.7                                  | 4.7                                   | 12.9                                  | 1.6                                   | 2.6                                   | 0.2                                   | 0.9                                   | 0.1                                   | 33.7                                 | 2.03      | 42.4      | 4.1      |
| KGKRC103 | 143.00    | 144.00  | 6984                                  | 12483                   | 1255                                  | 3588                                  | 260                                   | 45.3                                  | 85.7                                  | 6.4                                   | 19.4                                  | 2.1                                   | 3.5                                   | 0.3                                   | 1.8                                   | 0.2                                   | 54.2                                 | 2.48      | 68.3      | 2.7      |
| KGKRC103 | 144.00    | 145.00  | 5689                                  | 10955                   | 1130                                  | 3290                                  | 246                                   | 42.7                                  | 76.2                                  | 5.8                                   | 16.2                                  | 2.2                                   | 3.4                                   | 0.1                                   | 1.5                                   | 0.2                                   | 46.9                                 | 2.15      | 61.6      | 8.0      |
| KGKRC103 | 145.00    | 146.00  | 4269                                  | 8415                    | 884                                   | 2635                                  | 202                                   | 35.4                                  | 61.0                                  | 4.1                                   | 11.8                                  | 1.4                                   | 2.3                                   | 0.2                                   | 1.0                                   | -0.1                                  | 27.8                                 | 1.65      | 47.5      | 3.0      |
| KGKRC103 | 146.00    | 147.00  | 7939                                  | 15274                   | 1601                                  | 4711                                  | 375                                   | 65.7                                  | 117.9                                 | 8.9                                   | 23.6                                  | 2.6                                   | 3.4                                   | 0.3                                   | 1.7                                   | 0.2                                   | 57.4                                 | 3.02      | 90.8      | 5.2      |
| KGKRC103 | 147.00    | 148.00  | 9343                                  | 17530                   | 1831                                  | 5302                                  | 428                                   | 76.2                                  | 137.9                                 | 10.5                                  | 28.2                                  | 2.9                                   | 5.6                                   | 0.5                                   | 2.2                                   | 0.3                                   | 74.2                                 | 3.48      | 103.2     | 6.0      |
| KGKRC103 | 148.00    | 149.00  | 8558                                  | 16541                   | 1752                                  | 5184                                  | 412                                   | 74.7                                  | 135.0                                 | 10.2                                  | 30.2                                  | 3.3                                   | 5.8                                   | 0.5                                   | 2.6                                   | 0.3                                   | 77.2                                 | 3.28      | 105.9     | 8.0      |
| KGKRC103 | 149.00    | 150.00  | 10433                                 | 19597                   | 2074                                  | 6039                                  | 466                                   | 84.2                                  | 143.4                                 | 10.9                                  | 29.7                                  | 3.3                                   | 5.3                                   | 0.6                                   | 1.7                                   | 0.3                                   | 73.2                                 | 3.90      | 114.8     | 6.0      |
| KGKRC104 | 0.00      | 1.00    | NS                                    | NS                      | NS                                    | NS                                    | NS                                    | NS                                    | NS                                    | NS                                    | NS                                    | NS                                    | NS                                    | NS                                    | NS                                    | NS                                    | NS                                   | NS        | NS        | NS       |
| KGKRC104 | 1.00      | 2.00    | 8199                                  | 15862                   | 1634                                  | 4856                                  | 353                                   | 57.2                                  | 92.7                                  | 5.7                                   | 14.5                                  | 1.7                                   | 2.4                                   | 0.2                                   | 0.7                                   | 0.1                                   | 34.2                                 | 3.11      | 45.9      | 1.5      |
| KGKRC104 | 2.00      | 3.00    | 6858                                  | 13488                   | 1438                                  | 4362                                  | 327                                   | 54.3                                  | 86.4                                  | 5.4                                   | 13.8                                  | 1.5                                   | 2.9                                   | 0.2                                   | 1.1                                   | 0.2                                   | 30.7                                 | 2.67      | 38.4      | 2.0      |

| Hole ID  | From<br>m | To<br>m | La <sub>2</sub> O <sub>3</sub><br>ppm | CeO <sub>2</sub><br>ppm | Pr <sub>2</sub> O <sub>3</sub><br>ppm | Nd <sub>2</sub> O <sub>3</sub><br>ppm | Sm <sub>2</sub> O <sub>3</sub><br>ppm | Eu <sub>2</sub> O <sub>3</sub><br>ppm | Gd <sub>2</sub> O <sub>3</sub><br>ppm | Tb <sub>2</sub> O <sub>3</sub><br>ppm | Dy <sub>2</sub> O <sub>3</sub><br>ppm | Ho <sub>2</sub> O <sub>3</sub><br>ppm | Er <sub>2</sub> O <sub>3</sub><br>ppm | Tm <sub>2</sub> O <sub>3</sub><br>ppm | Yb <sub>2</sub> O <sub>3</sub><br>ppm | Lu <sub>2</sub> O <sub>3</sub><br>ppm | Y <sub>2</sub> O <sub>3</sub><br>ppm | TREO<br>% | Th<br>ppm | U<br>ppm |
|----------|-----------|---------|---------------------------------------|-------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|--------------------------------------|-----------|-----------|----------|
| KGKRC104 | 3.00      | 4.00    | 8000                                  | 15788                   | 1692                                  | 5089                                  | 387                                   | 63.8                                  | 103.3                                 | 6.5                                   | 17.2                                  | 1.7                                   | 2.9                                   | 0.3                                   | 1.6                                   | 0.2                                   | 36.2                                 | 3.12      | 53.4      | 2.5      |
| KGKRC104 | 4.00      | 5.00    | 7514                                  | 14936                   | 1619                                  | 4833                                  | 364                                   | 60.4                                  | 97.5                                  | 6.1                                   | 15.7                                  | 1.5                                   | 2.6                                   | 0.2                                   | 0.8                                   | 0.2                                   | 34.0                                 | 2.95      | 44.5      | 3.1      |
| KGKRC104 | 5.00      | 6.00    | 3309                                  | 7139                    | 824                                   | 2735                                  | 248                                   | 42.6                                  | 71.3                                  | 4.9                                   | 15.5                                  | 1.8                                   | 3.4                                   | 0.5                                   | 2.6                                   | 0.3                                   | 45.1                                 | 1.44      | 34.3      | 5.7      |
| KGKRC104 | 6.00      | 7.00    | 4212                                  | 9438                    | 1110                                  | 3759                                  | 324                                   | 52.6                                  | 86.2                                  | 5.1                                   | 13.1                                  | 1.3                                   | 2.3                                   | 0.2                                   | 1.1                                   | 0.1                                   | 28.3                                 | 1.90      | 41.5      | 4.5      |
| KGKRC104 | 7.00      | 8.00    | 7134                                  | 13648                   | 1415                                  | 4247                                  | 310                                   | 51.4                                  | 83.4                                  | 5.1                                   | 11.9                                  | 1.2                                   | 1.7                                   | 0.2                                   | 0.8                                   | 0.1                                   | 25.7                                 | 2.69      | 37.8      | 3.5      |
| KGKRC104 | 8.00      | 9.00    | 6520                                  | 12867                   | 1375                                  | 4125                                  | 324                                   | 55.9                                  | 90.3                                  | 5.9                                   | 15.0                                  | 1.7                                   | 2.4                                   | 0.1                                   | 1.4                                   | 0.2                                   | 33.3                                 | 2.54      | 48.1      | 4.3      |
| KGKRC104 | 9.00      | 10.00   | 4032                                  | 7691                    | 790                                   | 2343                                  | 173                                   | 29.3                                  | 48.4                                  | 3.4                                   | 9.4                                   | 0.9                                   | 1.6                                   | 0.2                                   | 0.7                                   | 0.1                                   | 21.1                                 | 1.51      | 25.0      | 4.8      |
| KGKRC104 | 10.00     | 11.00   | 6071                                  | 11122                   | 1114                                  | 3203                                  | 221                                   | 36.2                                  | 59.3                                  | 4.1                                   | 9.5                                   | 1.0                                   | 1.7                                   | 0.1                                   | 0.8                                   | 0.1                                   | 23.8                                 | 2.19      | 31.1      | 2.8      |
| KGKRC104 | 11.00     | 12.00   | 2414                                  | 4893                    | 540                                   | 1724                                  | 167                                   | 33.4                                  | 66.3                                  | 5.8                                   | 22.2                                  | 3.3                                   | 7.1                                   | 0.9                                   | 4.1                                   | 0.6                                   | 86.5                                 | 1.00      | 34.3      | 7.9      |
| KGKRC104 | 12.00     | 13.00   | 2227                                  | 4767                    | 556                                   | 1816                                  | 181                                   | 34.6                                  | 69.8                                  | 5.9                                   | 20.5                                  | 3.1                                   | 6.8                                   | 0.7                                   | 3.5                                   | 0.5                                   | 78.7                                 | 0.98      | 36.8      | 8.8      |
| KGKRC104 | 13.00     | 14.00   | 2192                                  | 4458                    | 501                                   | 1623                                  | 160                                   | 32.5                                  | 67.6                                  | 6.0                                   | 24.3                                  | 4.0                                   | 8.4                                   | 0.9                                   | 3.8                                   | 0.6                                   | 95.6                                 | 0.92      | 34.2      | 9.2      |
| KGKRC104 | 14.00     | 15.00   | 1532                                  | 3153                    | 350                                   | 1160                                  | 126                                   | 26.6                                  | 58.9                                  | 5.8                                   | 24.2                                  | 3.6                                   | 7.8                                   | 0.9                                   | 4.3                                   | 0.6                                   | 94.7                                 | 0.65      | 29.0      | 7.4      |
| KGKRC104 | 15.00     | 16.00   | 2432                                  | 5094                    | 570                                   | 1863                                  | 188                                   | 39.4                                  | 84.4                                  | 8.0                                   | 30.3                                  | 4.7                                   | 10.2                                  | 1.1                                   | 5.8                                   | 0.8                                   | 125.3                                | 1.05      | 48.2      | 9.5      |
| KGKRC104 | 16.00     | 17.00   | 1757                                  | 3611                    | 413                                   | 1359                                  | 138                                   | 30.1                                  | 63.2                                  | 6.1                                   | 23.8                                  | 3.6                                   | 8.5                                   | 0.9                                   | 4.6                                   | 0.7                                   | 92.5                                 | 0.75      | 34.9      | 9.2      |
| KGKRC104 | 17.00     | 18.00   | 779                                   | 1631                    | 187                                   | 630                                   | 67                                    | 15.2                                  | 31.1                                  | 3.1                                   | 12.4                                  | 2.0                                   | 4.1                                   | 0.7                                   | 3.2                                   | 0.3                                   | 50.8                                 | 0.34      | 18.0      | 3.8      |
| KGKRC104 | 18.00     | 19.00   | 1819                                  | 3863                    | 435                                   | 1411                                  | 143                                   | 29.8                                  | 66.3                                  | 5.9                                   | 23.4                                  | 3.4                                   | 7.9                                   | 1.0                                   | 4.7                                   | 0.6                                   | 95.5                                 | 0.79      | 37.0      | 5.7      |
| KGKRC104 | 19.00     | 20.00   | 1953                                  | 4343                    | 514                                   | 1758                                  | 202                                   | 42.6                                  | 92.1                                  | 8.1                                   | 34.2                                  | 4.9                                   | 12.1                                  | 1.5                                   | 6.0                                   | 0.8                                   | 134.1                                | 0.91      | 57.5      | 12.1     |
| KGKRC104 | 20.00     | 21.00   | 2248                                  | 4867                    | 567                                   | 1881                                  | 217                                   | 46.6                                  | 104.2                                 | 9.6                                   | 36.3                                  | 5.6                                   | 12.8                                  | 1.4                                   | 7.3                                   | 1.0                                   | 156.5                                | 1.02      | 60.3      | 11.8     |
| KGKRC104 | 21.00     | 22.00   | 1806                                  | 3826                    | 441                                   | 1448                                  | 165                                   | 35.4                                  | 80.5                                  | 8.1                                   | 35.0                                  | 5.0                                   | 11.1                                  | 1.4                                   | 6.6                                   | 0.8                                   | 141.9                                | 0.80      | 45.8      | 10.9     |
| KGKRC104 | 22.00     | 23.00   | 2108                                  | 4265                    | 464                                   | 1507                                  | 166                                   | 37.3                                  | 86.4                                  | 8.7                                   | 33.3                                  | 5.8                                   | 11.7                                  | 1.5                                   | 6.7                                   | 1.0                                   | 150.6                                | 0.89      | 45.4      | 12.0     |
| KGKRC104 | 23.00     | 24.00   | 1618                                  | 3107                    | 336                                   | 1120                                  | 142                                   | 33.5                                  | 77.4                                  | 8.2                                   | 35.1                                  | 5.7                                   | 12.7                                  | 1.4                                   | 7.9                                   | 0.9                                   | 148.8                                | 0.67      | 42.4      | 12.6     |
| KGKRC104 | 24.00     | 25.00   | 1943                                  | 4089                    | 461                                   | 1525                                  | 167                                   | 38.2                                  | 80.7                                  | 7.9                                   | 34.0                                  | 4.8                                   | 10.4                                  | 1.4                                   | 6.3                                   | 0.8                                   | 133.3                                | 0.85      | 46.2      | 13.2     |
| KGKRC104 | 25.00     | 26.00   | 3701                                  | 8189                    | 952                                   | 3191                                  | 317                                   | 62.0                                  | 115.9                                 | 8.8                                   | 29.0                                  | 3.9                                   | 8.7                                   | 1.0                                   | 5.1                                   | 0.7                                   | 102.9                                | 1.67      | 63.7      | 17.4     |
| KGKRC104 | 26.00     | 27.00   | 1837                                  | 3931                    | 456                                   | 1595                                  | 195                                   | 42.0                                  | 89.9                                  | 8.5                                   | 34.1                                  | 4.8                                   | 10.8                                  | 1.4                                   | 6.9                                   | 1.0                                   | 131.4                                | 0.83      | 54.3      | 17.5     |
| KGKRC104 | 27.00     | 28.00   | 2013                                  | 4407                    | 537                                   | 1894                                  | 228                                   | 47.5                                  | 94.9                                  | 8.0                                   | 28.8                                  | 4.4                                   | 8.5                                   | 1.0                                   | 5.6                                   | 0.7                                   | 104.1                                | 0.94      | 58.0      | 13.9     |
| KGKRC104 | 28.00     | 29.00   | 1538                                  | 3044                    | 334                                   | 1122                                  | 144                                   | 34.7                                  | 85.1                                  | 9.1                                   | 42.1                                  | 6.3                                   | 14.0                                  | 1.5                                   | 9.3                                   | 1.3                                   | 172.8                                | 0.66      | 43.7      | 8.5      |
| KGKRC104 | 29.00     | 30.00   | 1782                                  | 3702                    | 422                                   | 1404                                  | 179                                   | 43.9                                  | 109.1                                 | 11.5                                  | 48.0                                  | 7.7                                   | 17.2                                  | 1.9                                   | 12.2                                  | 1.4                                   | 211.3                                | 0.80      | 60.3      | 6.8      |
| KGKRC104 | 30.00     | 31.00   | 1988                                  | 4120                    | 465                                   | 1553                                  | 190                                   | 43.8                                  | 103.6                                 | 11.4                                  | 47.9                                  | 7.1                                   | 16.8                                  | 1.9                                   | 10.0                                  | 1.4                                   | 191.9                                | 0.88      | 82.2      | 8.7      |
| KGKRC104 | 31.00     | 32.00   | 1517                                  | 3221                    | 365                                   | 1255                                  | 169                                   | 39.7                                  | 94.1                                  | 9.8                                   | 41.9                                  | 6.9                                   | 16.5                                  | 1.6                                   | 8.3                                   | 1.1                                   | 172.6                                | 0.69      | 78.1      | 10.9     |
| KGKRC104 | 32.00     | 33.00   | 1565                                  | 3363                    | 392                                   | 1306                                  | 156                                   | 34.5                                  | 77.0                                  | 7.7                                   | 32.8                                  | 4.7                                   | 10.8                                  | 1.4                                   | 6.5                                   | 0.8                                   | 123.8                                | 0.71      | 58.8      | 10.4     |
| KGKRC104 | 33.00     | 34.00   | 1923                                  | 4607                    | 573                                   | 2022                                  | 232                                   | 46.0                                  | 88.7                                  | 6.6                                   | 22.8                                  | 3.2                                   | 6.4                                   | 0.6                                   | 3.6                                   | 0.5                                   | 75.8                                 | 0.96      | 60.9      | 14.0     |
| KGKRC104 | 34.00     | 35.00   | 1539                                  | 3216                    | 367                                   | 1235                                  | 168                                   | 41.5                                  | 98.0                                  | 10.4                                  | 45.6                                  | 6.3                                   | 15.1                                  | 2.1                                   | 8.9                                   | 1.1                                   | 173.3                                | 0.69      | 100.0     | 11.6     |
| KGKRC104 | 35.00     | 36.00   | 1309                                  | 2798                    | 326                                   | 1129                                  | 150                                   | 34.9                                  | 83.1                                  | 8.4                                   | 32.6                                  | 4.7                                   | 11.2                                  | 1.6                                   | 6.2                                   | 1.0                                   | 130.3                                | 0.60      | 73.0      | 14.6     |
| KGKRC104 | 36.00     | 37.00   | 1297                                  | 2645                    | 301                                   | 1000                                  | 128                                   | 31.7                                  | 76.9                                  | 8.4                                   | 36.8                                  | 5.6                                   | 10.5                                  | 1.4                                   | 7.2                                   | 0.8                                   | 138.6                                | 0.57      | 88.2      | 7.1      |
| KGKRC104 | 37.00     | 38.00   | 1196                                  | 2596                    | 283                                   | 1039                                  | 138                                   | 34.0                                  | 77.5                                  | 8.8                                   | 37.0                                  | 5.4                                   | 11.4                                  | 1.4                                   | 7.3                                   | 0.9                                   | 132.6                                | 0.56      | 89.7      | 18.0     |
| KGKRC104 | 38.00     | 39.00   | 1186                                  | 2651                    | 293                                   | 1040                                  | 142                                   | 34.2                                  | 83.0                                  | 8.8                                   | 37.9                                  | 5.4                                   | 13.2                                  | 1.4                                   | 7.2                                   | 1.0                                   | 148.1                                | 0.57      | 104.7     | 11.2     |
| KGKRC104 | 39.00     | 40.00   | 1086                                  | 2575                    | 297                                   | 1093                                  | 137                                   | 31.0                                  | 66.7                                  | 7.5                                   | 31.1                                  | 4.2                                   | 10.1                                  | 1.0                                   | 7.1                                   | 0.8                                   | 122.9                                | 0.55      | 56.4      | 16.4     |
| KGKRC104 | 40.00     | 41.00   | 1450                                  | 3520                    | 408                                   | 1526                                  | 174                                   | 35.9                                  | 70.8                                  | 6.9                                   | 24.0                                  | 3.3                                   | 8.6                                   | 0.9                                   | 5.0                                   | 0.6                                   | 93.0                                 | 0.73      | 41.4      | 22.7     |
| KGKRC104 | 41.00     | 42.00   | 987                                   | 2130                    | 228                                   | 802                                   | 109                                   | 27.3                                  | 66.6                                  | 7.8                                   | 33.7                                  | 5.3                                   | 11.0                                  | 1.3                                   | 7.6                                   | 0.9                                   | 136.0                                | 0.46      | 62.3      | 9.7      |
| KGKRC104 | 42.00     | 43.00   | 1124                                  | 2506                    | 271                                   | 968                                   | 122                                   | 31.2                                  | 72.4                                  | 8.4                                   | 35.1                                  | 5.3                                   | 11.4                                  | 1.4                                   | 7.8                                   | 0.9                                   | 134.5                                | 0.53      | 78.1      | 7.5      |
| KGKRC104 | 43.00     | 44.00   | 1214                                  | 2702                    | 290                                   | 1033                                  | 130                                   | 31.3                                  | 74.7                                  | 8.0                                   | 33.5                                  | 4.7                                   | 11.0                                  | 1.1                                   | 6.3                                   | 0.7                                   | 131.9                                | 0.57      | 99.4      | 6.8      |
| KGKRC104 | 44.00     | 45.00   | 1845                                  | 3972                    | 418                                   | 1402                                  | 151                                   | 36.6                                  | 83.4                                  | 8.8                                   | 36.8                                  | 5.2                                   | 11.4                                  | 1.4                                   | 7.5                                   | 0.8                                   | 141.9                                | 0.81      | 74.5      | 11.7     |
| KGKRC104 | 45.00     | 46.00   | 1215                                  | 2634                    | 282                                   | 989                                   | 124                                   | 31.7                                  | 73.9                                  | 8.4                                   | 36.5                                  | 4.7                                   | 12.4                                  | 1.1                                   | 7.5                                   | 0.8                                   | 142.6                                | 0.56      | 68.3      | 8.5      |
| KGKRC104 | 46.00     | 47.00   | 1100                                  | 2397                    | 260                                   | 910                                   | 119                                   | 29.5                                  | 67.6                                  | 7.5                                   | 32.0                                  | 4.9                                   | 10.2                                  | 1.1                                   | 6.2                                   | 0.7                                   | 127.1                                | 0.51      | 56.9      | 7.9      |
| KGKRC104 | 47.00     | 48.00   | 386                                   | 812                     | 91                                    | 319                                   | 44                                    | 12.2                                  | 27.5                                  | 3.4                                   | 16.1                                  | 2.4                                   | 6.1                                   | 0.6                                   | 3.6                                   | 0.5                                   | 65.4                                 | 0.18      | 19.6      | 2.6      |

| Hole ID  | From<br>m | To<br>m | La <sub>2</sub> O <sub>3</sub><br>ppm | CeO <sub>2</sub><br>ppm | Pr <sub>2</sub> O <sub>3</sub><br>ppm | Nd <sub>2</sub> O <sub>3</sub><br>ppm | Sm <sub>2</sub> O <sub>3</sub><br>ppm | Eu <sub>2</sub> O <sub>3</sub><br>ppm | Gd <sub>2</sub> O <sub>3</sub><br>ppm | Tb <sub>2</sub> O <sub>3</sub><br>ppm | Dy <sub>2</sub> O <sub>3</sub><br>ppm | Ho <sub>2</sub> O <sub>3</sub><br>ppm | Er <sub>2</sub> O <sub>3</sub><br>ppm | Tm <sub>2</sub> O <sub>3</sub><br>ppm | Yb <sub>2</sub> O <sub>3</sub><br>ppm | Lu <sub>2</sub> O <sub>3</sub><br>ppm | Y <sub>2</sub> O <sub>3</sub><br>ppm | TREO<br>% | Th<br>ppm | U<br>ppm |
|----------|-----------|---------|---------------------------------------|-------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|--------------------------------------|-----------|-----------|----------|
| KGKRC104 | 48.00     | 49.00   | 1329                                  | 3021                    | 337                                   | 1243                                  | 162                                   | 36.0                                  | 83.9                                  | 9.3                                   | 36.6                                  | 5.2                                   | 11.3                                  | 1.5                                   | 7.1                                   | 0.9                                   | 149.7                                | 0.64      | 50.4      | 9.6      |
| KGKRC104 | 49.00     | 50.00   | 1575                                  | 3569                    | 386                                   | 1399                                  | 178                                   | 41.5                                  | 91.2                                  | 9.9                                   | 41.1                                  | 6.2                                   | 12.9                                  | 1.5                                   | 9.0                                   | 1.1                                   | 155.4                                | 0.75      | 62.5      | 10.9     |
| KGKRC104 | 50.00     | 51.00   | 2679                                  | 6041                    | 643                                   | 2017                                  | 146                                   | 25.7                                  | 45.0                                  | 3.8                                   | 11.1                                  | 1.3                                   | 2.9                                   | 0.3                                   | 2.9                                   | 0.3                                   | 35.8                                 | 1.17      | 28.7      | 14.6     |
| KGKRC104 | 51.00     | 52.00   | 1529                                  | 3194                    | 339                                   | 1183                                  | 151                                   | 38.9                                  | 92.4                                  | 10.5                                  | 47.2                                  | 7.5                                   | 16.6                                  | 1.8                                   | 10.6                                  | 1.3                                   | 194.0                                | 0.68      | 55.5      | 6.4      |
| KGKRC104 | 52.00     | 53.00   | 1470                                  | 3155                    | 333                                   | 1175                                  | 154                                   | 37.6                                  | 89.8                                  | 10.2                                  | 46.5                                  | 6.9                                   | 13.3                                  | 1.6                                   | 8.2                                   | 1.0                                   | 176.6                                | 0.67      | 64.0      | 12.2     |
| KGKRC104 | 53.00     | 54.00   | 1391                                  | 2877                    | 297                                   | 1029                                  | 137                                   | 34.5                                  | 88.8                                  | 10.4                                  | 45.3                                  | 7.0                                   | 15.3                                  | 1.6                                   | 8.9                                   | 1.0                                   | 185.5                                | 0.61      | 51.3      | 9.3      |
| KGKRC104 | 54.00     | 55.00   | 1449                                  | 3149                    | 341                                   | 1207                                  | 163                                   | 40.1                                  | 94.4                                  | 10.5                                  | 44.1                                  | 6.5                                   | 14.0                                  | 1.5                                   | 8.1                                   | 1.1                                   | 178.6                                | 0.67      | 60.1      | 11.6     |
| KGKRC104 | 55.00     | 56.00   | 1116                                  | 2362                    | 257                                   | 924                                   | 127                                   | 32.7                                  | 76.2                                  | 9.2                                   | 39.7                                  | 6.0                                   | 12.7                                  | 1.5                                   | 7.7                                   | 1.0                                   | 163.3                                | 0.51      | 42.0      | 13.9     |
| KGKRC104 | 56.00     | 57.00   | 1441                                  | 3073                    | 365                                   | 1250                                  | 173                                   | 38.9                                  | 86.8                                  | 9.2                                   | 37.8                                  | 5.7                                   | 11.6                                  | 1.5                                   | 6.7                                   | 0.8                                   | 142.6                                | 0.66      | 40.7      | 11.6     |
| KGKRC104 | 57.00     | 58.00   | 1355                                  | 2691                    | 299                                   | 982                                   | 130                                   | 30.6                                  | 76.9                                  | 8.6                                   | 38.5                                  | 5.7                                   | 13.3                                  | 1.1                                   | 7.2                                   | 0.9                                   | 153.3                                | 0.58      | 48.9      | 6.3      |
| KGKRC104 | 58.00     | 59.00   | 1259                                  | 2576                    | 283                                   | 959                                   | 138                                   | 34.9                                  | 82.8                                  | 10.0                                  | 43.2                                  | 6.9                                   | 14.0                                  | 1.6                                   | 10.3                                  | 1.4                                   | 183.0                                | 0.56      | 48.5      | 14.1     |
| KGKRC104 | 59.00     | 60.00   | 1363                                  | 2836                    | 318                                   | 1024                                  | 112                                   | 23.4                                  | 51.2                                  | 5.2                                   | 24.0                                  | 3.3                                   | 8.1                                   | 0.7                                   | 5.5                                   | 0.7                                   | 90.8                                 | 0.59      | 32.2      | 16.6     |
| KGKRC105 | 0.00      | 1.00    | 4767                                  | 9673                    | 1057                                  | 3229                                  | 240                                   | 39.1                                  | 63.7                                  | 4.5                                   | 12.6                                  | 1.5                                   | 2.4                                   | 0.2                                   | 1.2                                   | 0.2                                   | 32.1                                 | 1.91      | 28.7      | 1.1      |
| KGKRC105 | 1.00      | 2.00    | 2481                                  | 5336                    | 592                                   | 1838                                  | 146                                   | 22.8                                  | 38.2                                  | 2.8                                   | 8.5                                   | 0.9                                   | 1.8                                   | 0.2                                   | 1.3                                   | -0.1                                  | 21.3                                 | 1.05      | 18.4      | 0.5      |
| KGKRC105 | 2.00      | 3.00    | 6667                                  | 13750                   | 1512                                  | 4582                                  | 365                                   | 61.5                                  | 106.1                                 | 7.8                                   | 20.2                                  | 2.4                                   | 4.1                                   | 0.5                                   | 3.0                                   | 0.5                                   | 53.1                                 | 2.71      | 68.9      | 2.6      |
| KGKRC105 | 3.00      | 4.00    | 10086                                 | 13816                   | 1121                                  | 2732                                  | 184                                   | 33.8                                  | 58.6                                  | 4.6                                   | 14.5                                  | 1.7                                   | 2.5                                   | 0.5                                   | 2.1                                   | 0.2                                   | 42.4                                 | 2.81      | 81.5      | 4.4      |
| KGKRC105 | 4.00      | 5.00    | 4328                                  | 9113                    | 1001                                  | 3070                                  | 255                                   | 42.6                                  | 69.4                                  | 4.7                                   | 12.5                                  | 1.3                                   | 2.3                                   | 0.2                                   | 1.7                                   | 0.2                                   | 30.7                                 | 1.79      | 39.3      | 0.8      |
| KGKRC105 | 5.00      | 6.00    | 5450                                  | 9872                    | 977                                   | 2848                                  | 221                                   | 39.8                                  | 69.8                                  | 6.0                                   | 16.8                                  | 2.0                                   | 3.1                                   | 0.3                                   | 1.9                                   | 0.3                                   | 41.9                                 | 1.96      | 46.4      | 1.1      |
| KGKRC105 | 6.00      | 7.00    | 4174                                  | 8388                    | 918                                   | 2818                                  | 243                                   | 41.6                                  | 76.7                                  | 5.4                                   | 16.2                                  | 1.8                                   | 3.3                                   | 0.3                                   | 2.3                                   | 0.3                                   | 43.4                                 | 1.67      | 51.8      | 1.2      |
| KGKRC105 | 7.00      | 8.00    | 6740                                  | 13625                   | 1463                                  | 4464                                  | 345                                   | 54.1                                  | 84.5                                  | 5.8                                   | 14.7                                  | 1.5                                   | 2.7                                   | 0.2                                   | 1.6                                   | 0.2                                   | 32.9                                 | 2.68      | 43.5      | 2.6      |
| KGKRC105 | 8.00      | 9.00    | 5056                                  | 10432                   | 1120                                  | 3420                                  | 261                                   | 39.6                                  | 63.4                                  | 4.0                                   | 11.4                                  | 1.3                                   | 2.3                                   | 0.2                                   | 1.0                                   | 0.2                                   | 27.4                                 | 2.04      | 26.2      | 2.2      |
| KGKRC105 | 9.00      | 10.00   | 3050                                  | 6473                    | 713                                   | 2215                                  | 165                                   | 25.2                                  | 42.1                                  | 2.9                                   | 10.1                                  | 1.3                                   | 2.7                                   | 0.3                                   | 2.7                                   | 0.3                                   | 34.8                                 | 1.27      | 16.3      | 9.0      |
| KGKRC105 | 10.00     | 11.00   | 8171                                  | 17176                   | 1895                                  | 5651                                  | 384                                   | 55.4                                  | 84.1                                  | 5.5                                   | 13.3                                  | 1.6                                   | 2.4                                   | 0.3                                   | 2.2                                   | 0.3                                   | 34.7                                 | 3.35      | 37.4      | 5.3      |
| KGKRC105 | 11.00     | 12.00   | 6246                                  | 12520                   | 1314                                  | 3899                                  | 274                                   | 41.9                                  | 68.9                                  | 4.2                                   | 10.4                                  | 1.2                                   | 2.1                                   | 0.2                                   | 1.3                                   | 0.1                                   | 25.5                                 | 2.44      | 30.0      | 2.9      |
| KGKRC105 | 12.00     | 13.00   | 13714                                 | 26689                   | 2786                                  | 8191                                  | 566                                   | 85.5                                  | 135.9                                 | 8.8                                   | 20.0                                  | 2.0                                   | 2.7                                   | 0.3                                   | 1.4                                   | 0.1                                   | 39.0                                 | 5.22      | 60.4      | 1.2      |
| KGKRC105 | 13.00     | 14.00   | 6625                                  | 12096                   | 1204                                  | 3383                                  | 241                                   | 38.0                                  | 63.2                                  | 4.2                                   | 11.8                                  | 1.3                                   | 2.2                                   | 0.2                                   | 1.5                                   | 0.2                                   | 30.6                                 | 2.37      | 27.9      | 1.7      |
| KGKRC105 | 14.00     | 15.00   | 5863                                  | 10501                   | 1036                                  | 2927                                  | 204                                   | 32.7                                  | 52.6                                  | 3.8                                   | 10.3                                  | 1.2                                   | 1.9                                   | 0.2                                   | 1.6                                   | 0.1                                   | 23.9                                 | 2.07      | 25.0      | 0.5      |
| KGKRC105 | 15.00     | 16.00   | 2939                                  | 6084                    | 670                                   | 2043                                  | 162                                   | 25.5                                  | 40.4                                  | 2.8                                   | 7.4                                   | 1.0                                   | 1.7                                   | 0.1                                   | 1.1                                   | 0.1                                   | 20.3                                 | 1.20      | 14.4      | 1.1      |
| KGKRC105 | 16.00     | 17.00   | 3917                                  | 7664                    | 809                                   | 2422                                  | 183                                   | 30.3                                  | 47.0                                  | 3.2                                   | 8.2                                   | 1.0                                   | 1.6                                   | 0.3                                   | 1.2                                   | 0.1                                   | 21.0                                 | 1.51      | 17.7      | 0.4      |
| KGKRC105 | 17.00     | 18.00   | 3498                                  | 6852                    | 737                                   | 2237                                  | 167                                   | 26.5                                  | 46.9                                  | 3.2                                   | 8.4                                   | 1.3                                   | 2.4                                   | 0.2                                   | 2.1                                   | 0.2                                   | 25.1                                 | 1.36      | 18.9      | 3.5      |
| KGKRC105 | 18.00     | 19.00   | 2797                                  | 5690                    | 630                                   | 1878                                  | 142                                   | 22.7                                  | 37.5                                  | 2.7                                   | 7.7                                   | 0.9                                   | 1.8                                   | 0.2                                   | 1.1                                   | 0.1                                   | 21.1                                 | 1.12      | 15.3      | 4.4      |
| KGKRC105 | 19.00     | 20.00   | 7013                                  | 14351                   | 1543                                  | 4686                                  | 368                                   | 56.6                                  | 89.4                                  | 5.7                                   | 14.5                                  | 1.4                                   | 1.9                                   | 0.2                                   | 1.3                                   | 0.1                                   | 29.8                                 | 2.82      | 41.4      | 2.0      |
| KGKRC105 | 20.00     | 21.00   | 11930                                 | 23581                   | 2446                                  | 7254                                  | 511                                   | 81.2                                  | 129.6                                 | 8.2                                   | 19.4                                  | 2.1                                   | 2.3                                   | 0.2                                   | 1.0                                   | 0.1                                   | 36.5                                 | 4.60      | 62.0      | 1.1      |
| KGKRC105 | 21.00     | 22.00   | 5313                                  | 10843                   | 1182                                  | 3586                                  | 280                                   | 43.1                                  | 68.5                                  | 4.6                                   | 11.0                                  | 1.4                                   | 1.9                                   | 0.2                                   | 1.6                                   | 0.1                                   | 25.4                                 | 2.14      | 28.8      | 2.3      |
| KGKRC105 | 22.00     | 23.00   | 5751                                  | 10593                   | 1083                                  | 3172                                  | 229                                   | 36.9                                  | 61.7                                  | 4.0                                   | 9.6                                   | 1.4                                   | 1.9                                   | 0.2                                   | 1.1                                   | 0.1                                   | 24.5                                 | 2.10      | 24.9      | 1.2      |
| KGKRC105 | 23.00     | 24.00   | 6869                                  | 13140                   | 1351                                  | 3945                                  | 291                                   | 44.4                                  | 72.7                                  | 4.5                                   | 10.6                                  | 1.0                                   | 1.6                                   | 0.1                                   | 0.9                                   | -0.1                                  | 22.2                                 | 2.58      | 30.5      | 0.1      |
| KGKRC105 | 24.00     | 25.00   | 5330                                  | 9904                    | 1016                                  | 2925                                  | 199                                   | 32.8                                  | 50.5                                  | 3.4                                   | 8.7                                   | 0.9                                   | 2.1                                   | 0.2                                   | 1.6                                   | 0.2                                   | 23.2                                 | 1.95      | 21.8      | -0.1     |
| KGKRC105 | 25.00     | 26.00   | 2351                                  | 4802                    | 513                                   | 1538                                  | 111                                   | 18.0                                  | 27.4                                  | 1.8                                   | 5.5                                   | 0.6                                   | 1.6                                   | 0.2                                   | 1.5                                   | 0.1                                   | 16.3                                 | 0.94      | 11.2      | 0.2      |
| KGKRC105 | 26.00     | 27.00   | 2491                                  | 5222                    | 570                                   | 1722                                  | 127                                   | 19.3                                  | 31.4                                  | 2.1                                   | 6.0                                   | 0.6                                   | 1.1                                   | -0.1                                  | 0.7                                   | 0.1                                   | 13.7                                 | 1.02      | 12.7      | -0.1     |
| KGKRC105 | 27.00     | 28.00   | 3493                                  | 7179                    | 785                                   | 2386                                  | 169                                   | 26.2                                  | 40.7                                  | 2.5                                   | 5.9                                   | 0.7                                   | 1.4                                   | -0.1                                  | 0.9                                   | 0.1                                   | 15.0                                 | 1.41      | 15.6      | 0.1      |
| KGKRC105 | 28.00     | 29.00   | 2565                                  | 5196                    | 559                                   | 1700                                  | 127                                   | 19.7                                  | 31.7                                  | 2.1                                   | 4.7                                   | 0.6                                   | 1.0                                   | -0.1                                  | 0.6                                   | -0.1                                  | 13.1                                 | 1.02      | 12.8      | -0.1     |
| KGKRC105 | 29.00     | 30.00   | 7241                                  | 15325                   | 1674                                  | 5189                                  | 394                                   | 60.0                                  | 95.9                                  | 5.5                                   | 13.5                                  | 1.4                                   | 2.5                                   | 0.2                                   | 1.7                                   | 0.2                                   | 28.2                                 | 3.00      | 36.3      | 0.3      |
| KGKRC105 | 30.00     | 31.00   | 3453                                  | 7266                    | 807                                   | 2427                                  | 178                                   | 27.8                                  | 43.5                                  | 2.7                                   | 7.2                                   | 0.8                                   | 1.5                                   | 0.1                                   | 0.6                                   | -0.1                                  | 16.3                                 | 1.42      | 16.4      | 0.1      |
| KGKRC105 | 31.00     | 32.00   | 4005                                  | 8209                    | 870                                   | 2644                                  | 194                                   | 29.9                                  | 45.4                                  | 3.1                                   | 6.8                                   | 0.8                                   | 1.1                                   | 0.1                                   | 0.8                                   | -0.1                                  | 15.9                                 | 1.60      | 17.1      | 0.2      |
| KGKRC105 | 32.00     | 33.00   | 4471                                  | 8596                    | 893                                   | 2606                                  | 191                                   | 29.9                                  | 49.0                                  | 3.1                                   | 7.2                                   | 0.8                                   | 1.1                                   | 0.2                                   | 0.7                                   | -0.1                                  | 17.9                                 | 1.69      | 20.0      | 0.5      |

| Hole ID  | From<br>m | To<br>m | La <sub>2</sub> O <sub>3</sub><br>ppm | CeO <sub>2</sub><br>ppm | Pr <sub>2</sub> O <sub>3</sub><br>ppm | Nd <sub>2</sub> O <sub>3</sub><br>ppm | Sm <sub>2</sub> O <sub>3</sub><br>ppm | Eu <sub>2</sub> O <sub>3</sub><br>ppm | Gd <sub>2</sub> O <sub>3</sub><br>ppm | Tb <sub>2</sub> O <sub>3</sub><br>ppm | Dy <sub>2</sub> O <sub>3</sub><br>ppm | Ho <sub>2</sub> O <sub>3</sub><br>ppm | Er <sub>2</sub> O <sub>3</sub><br>ppm | Tm <sub>2</sub> O <sub>3</sub><br>ppm | Yb <sub>2</sub> O <sub>3</sub><br>ppm | Lu <sub>2</sub> O <sub>3</sub><br>ppm | Y <sub>2</sub> O <sub>3</sub><br>ppm | TREO<br>% | Th<br>ppm | U<br>ppm |
|----------|-----------|---------|---------------------------------------|-------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|--------------------------------------|-----------|-----------|----------|
| KGKRC105 | 33.00     | 34.00   | 7255                                  | 12359                   | 1211                                  | 3407                                  | 242                                   | 40.2                                  | 67.3                                  | 4.5                                   | 12.5                                  | 1.3                                   | 2.3                                   | 0.1                                   | 1.3                                   | 0.1                                   | 26.7                                 | 2.46      | 31.0      | 0.4      |
| KGKRC105 | 34.00     | 35.00   | 1637                                  | 3430                    | 374                                   | 1162                                  | 91                                    | 15.4                                  | 24.4                                  | 1.4                                   | 4.3                                   | 0.6                                   | 1.1                                   | 0.1                                   | 0.3                                   | -0.1                                  | 11.1                                 | 0.68      | 11.2      | 0.1      |
| KGKRC105 | 35.00     | 36.00   | 5494                                  | 10053                   | 1043                                  | 3019                                  | 229                                   | 37.9                                  | 61.6                                  | 3.9                                   | 9.8                                   | 1.0                                   | 2.2                                   | 0.1                                   | 1.5                                   | 0.1                                   | 22.9                                 | 2.00      | 28.9      | 0.8      |
| KGKRC105 | 36.00     | 37.00   | 14161                                 | 23970                   | 2353                                  | 6709                                  | 498                                   | 82.1                                  | 136.2                                 | 9.1                                   | 21.1                                  | 2.4                                   | 3.8                                   | 0.3                                   | 1.1                                   | 0.2                                   | 49.9                                 | 4.80      | 70.6      | 1.9      |
| KGKRC105 | 37.00     | 38.00   | 6965                                  | 12439                   | 1253                                  | 3555                                  | 274                                   | 44.9                                  | 75.7                                  | 4.8                                   | 11.0                                  | 1.2                                   | 1.5                                   | 0.2                                   | 0.7                                   | -0.1                                  | 25.5                                 | 2.47      | 34.7      | 0.7      |
| KGKRC105 | 38.00     | 39.00   | 3122                                  | 5463                    | 541                                   | 1516                                  | 109                                   | 18.0                                  | 30.5                                  | 2.2                                   | 6.5                                   | 0.8                                   | 1.1                                   | -0.1                                  | 1.0                                   | -0.1                                  | 16.1                                 | 1.08      | 12.6      | 0.3      |
| KGKRC105 | 39.00     | 40.00   | 3137                                  | 5427                    | 526                                   | 1493                                  | 107                                   | 17.7                                  | 29.6                                  | 2.2                                   | 6.2                                   | 0.6                                   | 1.3                                   | 0.1                                   | 0.6                                   | -0.1                                  | 14.7                                 | 1.08      | 14.0      | 0.3      |
| KGKRC105 | 40.00     | 41.00   | 7535                                  | 13122                   | 1274                                  | 3476                                  | 232                                   | 37.5                                  | 63.7                                  | 4.1                                   | 10.4                                  | 1.0                                   | 1.8                                   | 0.2                                   | 0.8                                   | -0.1                                  | 24.5                                 | 2.58      | 28.3      | 0.5      |
| KGKRC105 | 41.00     | 42.00   | 14293                                 | 23622                   | 2242                                  | 5992                                  | 377                                   | 59.2                                  | 96.0                                  | 6.4                                   | 13.8                                  | 1.5                                   | 2.1                                   | 0.2                                   | 1.1                                   | 0.1                                   | 29.6                                 | 4.67      | 44.7      | 0.9      |
| KGKRC105 | 42.00     | 43.00   | 11632                                 | 17982                   | 1663                                  | 4638                                  | 343                                   | 56.6                                  | 99.3                                  | 7.2                                   | 21.1                                  | 2.1                                   | 3.3                                   | 0.3                                   | 2.6                                   | 0.2                                   | 45.7                                 | 3.65      | 69.2      | 1.2      |
| KGKRC105 | 43.00     | 44.00   | 9812                                  | 14660                   | 1310                                  | 3443                                  | 209                                   | 35.2                                  | 59.0                                  | 4.4                                   | 10.0                                  | 1.0                                   | 1.0                                   | -0.1                                  | 0.5                                   | -0.1                                  | 19.1                                 | 2.96      | 32.2      | 0.6      |
| KGKRC105 | 44.00     | 45.00   | 17643                                 | 26703                   | 2441                                  | 6502                                  | 398                                   | 66.1                                  | 115.3                                 | 7.9                                   | 19.4                                  | 1.7                                   | 2.9                                   | 0.2                                   | 0.7                                   | 0.1                                   | 35.6                                 | 5.39      | 53.9      | 1.4      |
| KGKRC105 | 45.00     | 46.00   | 12486                                 | 19356                   | 1756                                  | 4694                                  | 302                                   | 50.1                                  | 85.5                                  | 6.5                                   | 16.5                                  | 1.5                                   | 2.2                                   | 0.2                                   | 1.1                                   | -0.1                                  | 32.8                                 | 3.88      | 43.3      | 1.1      |
| KGKRC105 | 46.00     | 47.00   | 12889                                 | 21623                   | 2097                                  | 5802                                  | 356                                   | 55.7                                  | 91.6                                  | 6.4                                   | 15.5                                  | 1.5                                   | 2.2                                   | 0.2                                   | 1.7                                   | 0.1                                   | 32.5                                 | 4.30      | 42.8      | 1.2      |
| KGKRC105 | 47.00     | 48.00   | 18776                                 | 30362                   | 2877                                  | 7830                                  | 504                                   | 82.2                                  | 133.7                                 | 8.4                                   | 19.3                                  | 1.8                                   | 2.6                                   | 0.2                                   | 1.2                                   | 0.1                                   | 39.5                                 | 6.06      | 63.9      | 1.1      |
| KGKRC105 | 48.00     | 49.00   | 6840                                  | 13049                   | 1357                                  | 4004                                  | 291                                   | 46.9                                  | 79.6                                  | 5.1                                   | 13.7                                  | 1.4                                   | 2.9                                   | 0.3                                   | 1.7                                   | 0.2                                   | 32.0                                 | 2.57      | 37.7      | 0.8      |
| KGKRC105 | 49.00     | 50.00   | 11528                                 | 18757                   | 1813                                  | 5068                                  | 344                                   | 60.4                                  | 106.0                                 | 7.8                                   | 20.4                                  | 2.2                                   | 3.5                                   | 0.5                                   | 2.2                                   | 0.1                                   | 45.5                                 | 3.78      | 48.8      | 1.1      |
| KGKRC105 | 50.00     | 51.00   | 12715                                 | 21144                   | 2014                                  | 5575                                  | 362                                   | 57.9                                  | 102.0                                 | 7.1                                   | 18.3                                  | 1.8                                   | 3.2                                   | 0.3                                   | 1.2                                   | 0.2                                   | 38.9                                 | 4.20      | 47.9      | 1.2      |
| KGKRC105 | 51.00     | 52.00   | 2947                                  | 5573                    | 570                                   | 1683                                  | 122                                   | 19.6                                  | 34.9                                  | 2.5                                   | 7.2                                   | 0.8                                   | 1.6                                   | 0.1                                   | 0.8                                   | 0.1                                   | 18.8                                 | 1.10      | 16.4      | 0.3      |
| KGKRC105 | 52.00     | 53.00   | 4520                                  | 8191                    | 830                                   | 2457                                  | 191                                   | 35.1                                  | 60.9                                  | 4.6                                   | 14.2                                  | 1.7                                   | 3.1                                   | 0.2                                   | 1.9                                   | 0.2                                   | 37.1                                 | 1.63      | 38.7      | 0.8      |
| KGKRC105 | 53.00     | 54.00   | 7005                                  | 13807                   | 1496                                  | 4411                                  | 324                                   | 51.4                                  | 83.1                                  | 5.3                                   | 13.5                                  | 1.5                                   | 2.5                                   | 0.2                                   | 1.7                                   | 0.2                                   | 31.1                                 | 2.72      | 39.4      | 1.0      |
| KGKRC105 | 54.00     | 55.00   | 4382                                  | 9293                    | 1034                                  | 3177                                  | 233                                   | 35.3                                  | 56.1                                  | 3.5                                   | 9.4                                   | 0.8                                   | 1.9                                   | 0.2                                   | 1.1                                   | -0.1                                  | 19.4                                 | 1.82      | 21.8      | 0.7      |
| KGKRC105 | 55.00     | 56.00   | 4960                                  | 10213                   | 1111                                  | 3404                                  | 254                                   | 40.8                                  | 69.0                                  | 4.6                                   | 11.9                                  | 1.3                                   | 1.8                                   | 0.1                                   | 1.4                                   | 0.2                                   | 26.8                                 | 2.01      | 42.6      | 0.5      |
| KGKRC105 | 56.00     | 57.00   | 8540                                  | 15226                   | 1519                                  | 4428                                  | 335                                   | 53.2                                  | 89.4                                  | 5.7                                   | 14.9                                  | 1.4                                   | 1.8                                   | 0.2                                   | 1.4                                   | 0.2                                   | 26.9                                 | 3.02      | 40.1      | 0.4      |
| KGKRC105 | 57.00     | 58.00   | 5121                                  | 9282                    | 938                                   | 2765                                  | 210                                   | 34.4                                  | 58.5                                  | 4.0                                   | 10.4                                  | 1.2                                   | 1.6                                   | 0.2                                   | 1.1                                   | 0.1                                   | 23.1                                 | 1.85      | 22.6      | 0.4      |
| KGKRC105 | 58.00     | 59.00   | 9794                                  | 16969                   | 1670                                  | 4722                                  | 351                                   | 59.3                                  | 100.4                                 | 6.5                                   | 15.8                                  | 1.6                                   | 2.1                                   | 0.2                                   | 1.0                                   | -0.1                                  | 26.7                                 | 3.37      | 48.6      | 0.6      |
| KGKRC105 | 59.00     | 60.00   | 11911                                 | 20705                   | 2090                                  | 6220                                  | 462                                   | 79.6                                  | 131.3                                 | 8.6                                   | 21.7                                  | 2.1                                   | 3.5                                   | 0.5                                   | 1.8                                   | 0.2                                   | 46.0                                 | 4.17      | 74.2      | 1.3      |
| KGKRC105 | 60.00     | 61.00   | 3378                                  | 6977                    | 749                                   | 2256                                  | 168                                   | 25.9                                  | 43.4                                  | 2.8                                   | 7.4                                   | 0.9                                   | 1.8                                   | 0.2                                   | 1.0                                   | 0.1                                   | 18.9                                 | 1.36      | 16.9      | 0.7      |
| KGKRC105 | 61.00     | 62.00   | 3006                                  | 6288                    | 679                                   | 2112                                  | 156                                   | 25.6                                  | 39.4                                  | 2.9                                   | 6.8                                   | 0.9                                   | 1.6                                   | 0.2                                   | 1.6                                   | 0.1                                   | 21.3                                 | 1.23      | 15.9      | 0.6      |
| KGKRC105 | 62.00     | 63.00   | 4655                                  | 9556                    | 1045                                  | 3189                                  | 238                                   | 37.3                                  | 57.3                                  | 3.8                                   | 10.2                                  | 1.2                                   | 2.1                                   | 0.2                                   | 1.7                                   | 0.2                                   | 24.6                                 | 1.88      | 25.7      | 0.6      |
| KGKRC105 | 63.00     | 64.00   | 9714                                  | 18325                   | 1887                                  | 5539                                  | 419                                   | 67.2                                  | 109.2                                 | 6.9                                   | 16.2                                  | 1.7                                   | 2.3                                   | 0.2                                   | 1.3                                   | 0.2                                   | 31.5                                 | 3.61      | 53.7      | 0.6      |
| KGKRC105 | 64.00     | 65.00   | 7164                                  | 12996                   | 1326                                  | 3783                                  | 282                                   | 46.8                                  | 79.1                                  | 5.1                                   | 12.9                                  | 1.3                                   | 1.6                                   | 0.2                                   | 1.0                                   | 0.1                                   | 26.0                                 | 2.57      | 36.8      | 0.6      |
| KGKRC105 | 65.00     | 66.00   | 2654                                  | 5373                    | 571                                   | 1733                                  | 128                                   | 20.4                                  | 36.2                                  | 2.7                                   | 8.3                                   | 1.0                                   | 1.9                                   | 0.2                                   | 1.5                                   | 0.1                                   | 23.6                                 | 1.06      | 11.9      | 0.4      |
| KGKRC105 | 66.00     | 67.00   | 10303                                 | 21239                   | 2299                                  | 7040                                  | 486                                   | 72.3                                  | 116.4                                 | 6.8                                   | 14.8                                  | 1.5                                   | 2.5                                   | 0.3                                   | 1.2                                   | 0.1                                   | 31.1                                 | 4.16      | 47.3      | 0.2      |
| KGKRC105 | 67.00     | 68.00   | 1785                                  | 3677                    | 390                                   | 1200                                  | 90                                    | 14.9                                  | 23.7                                  | 1.9                                   | 5.4                                   | 0.8                                   | 1.6                                   | 0.1                                   | 1.4                                   | 0.1                                   | 17.3                                 | 0.72      | 9.6       | 0.1      |
| KGKRC105 | 68.00     | 69.00   | 2203                                  | 4556                    | 499                                   | 1529                                  | 114                                   | 18.8                                  | 31.3                                  | 2.2                                   | 6.4                                   | 0.9                                   | 1.8                                   | 0.2                                   | 1.5                                   | 0.2                                   | 22.5                                 | 0.90      | 12.7      | -0.1     |
| KGKRC105 | 69.00     | 70.00   | 2369                                  | 4544                    | 468                                   | 1411                                  | 102                                   | 16.4                                  | 27.1                                  | 2.0                                   | 6.3                                   | 0.6                                   | 1.6                                   | 0.1                                   | 0.5                                   | 0.1                                   | 15.6                                 | 0.90      | 10.8      | 0.2      |
| KGKRC105 | 70.00     | 71.00   | 2474                                  | 5036                    | 529                                   | 1607                                  | 114                                   | 17.6                                  | 30.4                                  | 2.0                                   | 5.5                                   | 0.6                                   | 1.4                                   | 0.1                                   | 0.7                                   | -0.1                                  | 14.0                                 | 0.98      | 10.8      | -0.1     |
| KGKRC105 | 71.00     | 72.00   | 4224                                  | 8148                    | 842                                   | 2496                                  | 172                                   | 27.7                                  | 44.7                                  | 2.9                                   | 7.1                                   | 0.7                                   | 1.4                                   | 0.1                                   | 0.6                                   | -0.1                                  | 16.3                                 | 1.60      | 17.9      | 0.1      |
| KGKRC105 | 72.00     | 73.00   | 6429                                  | 12969                   | 1391                                  | 4209                                  | 301                                   | 46.0                                  | 71.0                                  | 4.6                                   | 10.9                                  | 1.2                                   | 1.9                                   | 0.2                                   | 1.6                                   | 0.2                                   | 23.9                                 | 2.55      | 28.5      | 0.3      |
| KGKRC105 | 73.00     | 74.00   | 2617                                  | 5426                    | 580                                   | 1799                                  | 130                                   | 18.9                                  | 30.4                                  | 2.1                                   | 5.2                                   | 0.6                                   | 1.3                                   | 0.1                                   | 0.4                                   | -0.1                                  | 13.5                                 | 1.06      | 11.5      | -0.1     |
| KGKRC105 | 74.00     | 75.00   | 5762                                  | 11277                   | 1198                                  | 3580                                  | 277                                   | 44.1                                  | 73.4                                  | 4.4                                   | 10.1                                  | 1.3                                   | 2.2                                   | 0.2                                   | 1.2                                   | 0.2                                   | 26.7                                 | 2.23      | 31.1      | 0.2      |
| KGKRC105 | 75.00     | 76.00   | 4560                                  | 9486                    | 1030                                  | 3194                                  | 251                                   | 40.1                                  | 68.9                                  | 4.2                                   | 11.5                                  | 1.0                                   | 1.9                                   | 0.2                                   | 1.1                                   | 0.1                                   | 23.9                                 | 1.87      | 30.6      | 0.4      |
| KGKRC105 | 76.00     | 77.00   | 4528                                  | 9123                    | 978                                   | 2981                                  | 234                                   | 37.2                                  | 59.0                                  | 3.8                                   | 9.6                                   | 1.0                                   | 2.2                                   | 0.2                                   | 1.0                                   | 0.1                                   | 21.8                                 | 1.80      | 24.3      | 0.2      |
| KGKRC105 | 77.00     | 78.00   | 4359                                  | 8863                    | 956                                   | 2969                                  | 225                                   | 35.4                                  | 55.9                                  | 3.5                                   | 8.3                                   | 0.9                                   | 1.8                                   | 0.1                                   | 1.1                                   | 0.1                                   | 20.7                                 | 1.75      | 19.9      | 0.6      |

# LINDIAN

RESOURCES LTD.

| Hole ID  | From<br>m | To<br>m | La <sub>2</sub> O <sub>3</sub><br>ppm | CeO <sub>2</sub><br>ppm | Pr <sub>2</sub> O <sub>3</sub><br>ppm | Nd <sub>2</sub> O <sub>3</sub><br>ppm | Sm <sub>2</sub> O <sub>3</sub><br>ppm | Eu <sub>2</sub> O <sub>3</sub><br>ppm | Gd <sub>2</sub> O <sub>3</sub><br>ppm | Tb <sub>2</sub> O <sub>3</sub><br>ppm | Dy <sub>2</sub> O <sub>3</sub><br>ppm | Ho <sub>2</sub> O <sub>3</sub><br>ppm | Er <sub>2</sub> O <sub>3</sub><br>ppm | Tm <sub>2</sub> O <sub>3</sub><br>ppm | Yb <sub>2</sub> O <sub>3</sub><br>ppm | Lu <sub>2</sub> O <sub>3</sub><br>ppm | Y <sub>2</sub> O <sub>3</sub><br>ppm | TREO<br>% | Th<br>ppm | U<br>ppm |
|----------|-----------|---------|---------------------------------------|-------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|--------------------------------------|-----------|-----------|----------|
| KGKRC105 | 78.00     | 79.00   | 2349                                  | 5029                    | 552                                   | 1697                                  | 125                                   | 20.3                                  | 31.7                                  | 2.0                                   | 5.1                                   | 0.6                                   | 1.1                                   | 0.2                                   | 0.8                                   | -0.1                                  | 14.6                                 | 0.98      | 10.8      | -0.1     |
| KGKRC105 | 79.00     | 80.00   | 3654                                  | 8010                    | 889                                   | 2809                                  | 201                                   | 30.9                                  | 47.5                                  | 2.7                                   | 6.2                                   | 0.7                                   | 1.4                                   | 0.2                                   | 1.2                                   | 0.1                                   | 16.9                                 | 1.57      | 15.8      | -0.1     |
| KGKRC106 | 0.00      | 1.00    | 14980                                 | 29465                   | 3139                                  | 9734                                  | 739                                   | 125.2                                 | 205.2                                 | 14.4                                  | 39.8                                  | 4.6                                   | 7.1                                   | 0.8                                   | 4.0                                   | 0.6                                   | 103.4                                | 5.86      | 125.4     | 13.0     |
| KGKRC106 | 1.00      | 2.00    | 8028                                  | 16261                   | 1766                                  | 5525                                  | 457                                   | 79.4                                  | 146.3                                 | 11.5                                  | 37.9                                  | 4.9                                   | 9.3                                   | 1.0                                   | 5.5                                   | 0.7                                   | 119.9                                | 3.25      | 88.0      | 16.6     |
| KGKRC106 | 2.00      | 3.00    | 5037                                  | 11394                   | 1341                                  | 4324                                  | 402                                   | 70.9                                  | 124.0                                 | 8.1                                   | 22.4                                  | 2.3                                   | 3.9                                   | 0.6                                   | 2.9                                   | 0.5                                   | 55.9                                 | 2.28      | 81.1      | 13.3     |
| KGKRC106 | 3.00      | 4.00    | 3063                                  | 6499                    | 725                                   | 2324                                  | 214                                   | 38.0                                  | 71.1                                  | 5.9                                   | 21.1                                  | 2.9                                   | 4.9                                   | 0.7                                   | 4.8                                   | 0.6                                   | 67.4                                 | 1.30      | 42.8      | 10.7     |
| KGKRC106 | 4.00      | 5.00    | 2579                                  | 5459                    | 615                                   | 2016                                  | 220                                   | 44.5                                  | 94.0                                  | 9.3                                   | 39.4                                  | 5.8                                   | 12.6                                  | 1.6                                   | 7.7                                   | 0.9                                   | 148.3                                | 1.13      | 68.7      | 11.0     |
| KGKRC106 | 5.00      | 6.00    | 2886                                  | 6342                    | 716                                   | 2382                                  | 229                                   | 43.0                                  | 84.0                                  | 7.2                                   | 27.9                                  | 3.8                                   | 8.4                                   | 1.0                                   | 5.3                                   | 0.7                                   | 96.9                                 | 1.28      | 44.6      | 17.5     |
| KGKRC106 | 6.00      | 7.00    | 5764                                  | 12300                   | 1356                                  | 4280                                  | 345                                   | 56.6                                  | 90.2                                  | 5.9                                   | 15.5                                  | 1.7                                   | 3.0                                   | 0.3                                   | 1.3                                   | 0.2                                   | 35.4                                 | 2.43      | 48.5      | 42.3     |
| KGKRC106 | 7.00      | 8.00    | 1799                                  | 3734                    | 417                                   | 1390                                  | 166                                   | 36.5                                  | 84.6                                  | 8.8                                   | 38.7                                  | 5.6                                   | 12.6                                  | 1.7                                   | 8.6                                   | 0.9                                   | 146.7                                | 0.79      | 58.7      | 13.1     |
| KGKRC106 | 8.00      | 9.00    | 1604                                  | 3339                    | 374                                   | 1252                                  | 150                                   | 34.5                                  | 83.6                                  | 9.1                                   | 39.3                                  | 6.1                                   | 12.9                                  | 1.3                                   | 8.1                                   | 1.0                                   | 154.3                                | 0.71      | 51.0      | 8.7      |
| KGKRC106 | 9.00      | 10.00   | 1417                                  | 2884                    | 327                                   | 1094                                  | 148                                   | 34.5                                  | 85.5                                  | 9.3                                   | 42.9                                  | 6.6                                   | 14.0                                  | 1.7                                   | 8.0                                   | 1.0                                   | 162.8                                | 0.62      | 52.9      | 11.1     |
| KGKRC106 | 10.00     | 11.00   | 1363                                  | 2883                    | 339                                   | 1201                                  | 163                                   | 38.2                                  | 88.2                                  | 9.9                                   | 41.6                                  | 6.0                                   | 14.2                                  | 1.5                                   | 7.1                                   | 1.0                                   | 160.3                                | 0.63      | 52.5      | 9.8      |
| KGKRC106 | 11.00     | 12.00   | 1645                                  | 3508                    | 402                                   | 1384                                  | 171                                   | 39.4                                  | 84.9                                  | 8.6                                   | 36.3                                  | 5.4                                   | 11.8                                  | 1.3                                   | 6.5                                   | 0.9                                   | 144.3                                | 0.74      | 63.1      | 9.1      |
| KGKRC106 | 12.00     | 13.00   | 1303                                  | 2791                    | 335                                   | 1161                                  | 155                                   | 37.2                                  | 87.5                                  | 9.3                                   | 41.0                                  | 5.8                                   | 12.2                                  | 1.4                                   | 8.3                                   | 1.0                                   | 150.6                                | 0.61      | 98.9      | 19.4     |
| KGKRC106 | 13.00     | 14.00   | 1405                                  | 2991                    | 342                                   | 1186                                  | 156                                   | 35.1                                  | 82.2                                  | 8.7                                   | 39.6                                  | 5.7                                   | 12.8                                  | 1.6                                   | 6.0                                   | 1.1                                   | 146.7                                | 0.64      | 68.1      | 12.3     |
| KGKRC106 | 14.00     | 15.00   | 1065                                  | 2423                    | 286                                   | 1013                                  | 130                                   | 29.3                                  | 64.1                                  | 6.7                                   | 27.3                                  | 4.0                                   | 8.1                                   | 0.9                                   | 3.5                                   | 0.5                                   | 97.3                                 | 0.52      | 44.7      | 10.6     |
| KGKRC106 | 15.00     | 16.00   | 1279                                  | 2834                    | 331                                   | 1151                                  | 161                                   | 36.1                                  | 84.9                                  | 9.2                                   | 39.4                                  | 6.0                                   | 14.5                                  | 1.5                                   | 7.3                                   | 1.0                                   | 150.4                                | 0.61      | 75.6      | 9.7      |
| KGKRC106 | 16.00     | 17.00   | 1230                                  | 2747                    | 335                                   | 1239                                  | 177                                   | 40.4                                  | 89.4                                  | 9.2                                   | 37.3                                  | 5.6                                   | 11.2                                  | 1.5                                   | 6.4                                   | 1.0                                   | 142.1                                | 0.61      | 74.6      | 6.5      |
| KGKRC106 | 17.00     | 18.00   | 1506                                  | 3196                    | 369                                   | 1281                                  | 162                                   | 36.8                                  | 88.2                                  | 10.0                                  | 40.4                                  | 6.3                                   | 12.8                                  | 1.8                                   | 8.1                                   | 1.3                                   | 161.5                                | 0.69      | 96.1      | 10.5     |
| KGKRC106 | 18.00     | 19.00   | 1698                                  | 3867                    | 454                                   | 1542                                  | 168                                   | 34.3                                  | 73.0                                  | 7.5                                   | 31.5                                  | 4.7                                   | 9.5                                   | 1.1                                   | 7.2                                   | 0.9                                   | 113.3                                | 0.80      | 75.1      | 11.1     |
| KGKRC106 | 19.00     | 20.00   | 1405                                  | 3000                    | 350                                   | 1207                                  | 154                                   | 34.3                                  | 78.8                                  | 8.4                                   | 35.6                                  | 5.5                                   | 12.6                                  | 1.6                                   | 7.8                                   | 1.0                                   | 141.0                                | 0.64      | 79.5      | 12.1     |
| KGKRC106 | 20.00     | 21.00   | 1837                                  | 3787                    | 441                                   | 1496                                  | 197                                   | 47.8                                  | 110.9                                 | 12.1                                  | 51.4                                  | 7.8                                   | 17.3                                  | 1.9                                   | 11.7                                  | 1.6                                   | 194.3                                | 0.82      | 103.4     | 10.6     |
| KGKRC106 | 21.00     | 22.00   | 1811                                  | 4266                    | 527                                   | 1792                                  | 185                                   | 36.0                                  | 72.5                                  | 6.6                                   | 26.7                                  | 3.7                                   | 7.4                                   | 0.9                                   | 4.7                                   | 0.8                                   | 91.3                                 | 0.88      | 48.0      | 11.1     |
| KGKRC106 | 22.00     | 23.00   | 1162                                  | 2542                    | 302                                   | 1091                                  | 135                                   | 29.8                                  | 61.8                                  | 5.8                                   | 19.9                                  | 2.8                                   | 5.4                                   | 0.7                                   | 3.0                                   | 0.5                                   | 66.3                                 | 0.54      | 41.3      | 7.7      |
| KGKRC106 | 23.00     | 24.00   | 1624                                  | 3895                    | 496                                   | 1750                                  | 184                                   | 34.7                                  | 68.1                                  | 6.4                                   | 24.0                                  | 3.3                                   | 7.1                                   | 0.8                                   | 4.3                                   | 0.6                                   | 81.3                                 | 0.82      | 70.4      | 8.3      |
| KGKRC106 | 24.00     | 25.00   | 1954                                  | 4918                    | 636                                   | 2289                                  | 234                                   | 43.7                                  | 78.4                                  | 6.2                                   | 21.8                                  | 2.6                                   | 5.5                                   | 0.7                                   | 3.1                                   | 0.5                                   | 60.7                                 | 1.03      | 60.9      | 17.4     |
| KGKRC106 | 25.00     | 26.00   | 1346                                  | 3146                    | 394                                   | 1399                                  | 153                                   | 28.1                                  | 56.7                                  | 4.9                                   | 17.5                                  | 2.5                                   | 5.0                                   | 0.7                                   | 2.3                                   | 0.5                                   | 59.4                                 | 0.66      | 42.9      | 10.8     |
| KGKRC106 | 26.00     | 27.00   | 1441                                  | 3491                    | 427                                   | 1460                                  | 133                                   | 23.0                                  | 38.8                                  | 2.8                                   | 8.5                                   | 1.2                                   | 2.1                                   | 0.2                                   | 1.6                                   | 0.2                                   | 23.1                                 | 0.71      | 26.6      | 16.7     |
| KGKRC106 | 27.00     | 28.00   | 1290                                  | 2951                    | 362                                   | 1240                                  | 153                                   | 31.7                                  | 68.0                                  | 7.2                                   | 27.3                                  | 4.0                                   | 9.0                                   | 1.1                                   | 5.0                                   | 0.7                                   | 103.2                                | 0.63      | 59.9      | 12.9     |
| KGKRC106 | 28.00     | 29.00   | 746                                   | 1862                    | 226                                   | 795                                   | 76                                    | 13.8                                  | 25.4                                  | 1.8                                   | 5.5                                   | 0.7                                   | 1.5                                   | 0.1                                   | 0.8                                   | 0.1                                   | 15.8                                 | 0.38      | 15.6      | 12.6     |
| KGKRC106 | 29.00     | 30.00   | 1114                                  | 2582                    | 307                                   | 1080                                  | 135                                   | 31.2                                  | 72.0                                  | 7.8                                   | 32.8                                  | 5.0                                   | 11.6                                  | 1.5                                   | 8.7                                   | 1.1                                   | 130.0                                | 0.55      | 64.1      | 10.1     |
| KGKRC106 | 30.00     | 31.00   | 896                                   | 2126                    | 265                                   | 953                                   | 126                                   | 30.6                                  | 66.3                                  | 7.1                                   | 29.7                                  | 4.7                                   | 9.7                                   | 1.1                                   | 6.4                                   | 0.8                                   | 106.5                                | 0.46      | 51.5      | 5.8      |
| KGKRC106 | 31.00     | 32.00   | 1290                                  | 3015                    | 355                                   | 1218                                  | 118                                   | 23.0                                  | 44.7                                  | 4.1                                   | 15.6                                  | 2.0                                   | 4.8                                   | 0.6                                   | 3.0                                   | 0.5                                   | 51.3                                 | 0.61      | 39.7      | 8.1      |
| KGKRC106 | 32.00     | 33.00   | 3004                                  | 7216                    | 888                                   | 2962                                  | 250                                   | 41.9                                  | 68.3                                  | 4.5                                   | 12.2                                  | 1.3                                   | 2.3                                   | 0.3                                   | 1.5                                   | 0.2                                   | 28.7                                 | 1.45      | 37.3      | 11.6     |
| KGKRC106 | 33.00     | 34.00   | 2264                                  | 5357                    | 654                                   | 2194                                  | 183                                   | 31.0                                  | 51.7                                  | 3.8                                   | 10.9                                  | 1.3                                   | 1.9                                   | 0.3                                   | 1.5                                   | 0.2                                   | 26.4                                 | 1.08      | 33.6      | 13.7     |
| KGKRC106 | 34.00     | 35.00   | 3977                                  | 9257                    | 1092                                  | 3601                                  | 315                                   | 56.0                                  | 92.4                                  | 6.5                                   | 15.8                                  | 1.7                                   | 1.8                                   | 0.2                                   | 1.3                                   | 0.2                                   | 33.4                                 | 1.85      | 66.0      | 16.4     |
| KGKRC106 | 35.00     | 36.00   | 1689                                  | 3764                    | 441                                   | 1498                                  | 149                                   | 28.8                                  | 53.6                                  | 4.6                                   | 16.5                                  | 2.1                                   | 5.3                                   | 0.6                                   | 3.1                                   | 0.3                                   | 54.0                                 | 0.77      | 64.7      | 5.2      |
| KGKRC106 | 36.00     | 37.00   | 3076                                  | 6914                    | 806                                   | 2632                                  | 239                                   | 41.9                                  | 70.5                                  | 5.3                                   | 16.0                                  | 2.0                                   | 2.9                                   | 0.3                                   | 1.8                                   | 0.2                                   | 36.8                                 | 1.38      | 57.7      | 13.3     |
| KGKRC106 | 37.00     | 38.00   | 2467                                  | 5558                    | 660                                   | 2208                                  | 192                                   | 33.5                                  | 56.5                                  | 4.2                                   | 11.8                                  | 1.5                                   | 2.9                                   | 0.2                                   | 2.1                                   | 0.2                                   | 33.4                                 | 1.12      | 34.0      | 17.3     |
| KGKRC106 | 38.00     | 39.00   | 7436                                  | 15561                   | 1748                                  | 5393                                  | 433                                   | 77.6                                  | 130.2                                 | 9.3                                   | 23.6                                  | 2.4                                   | 4.1                                   | 0.5                                   | 2.6                                   | 0.2                                   | 49.9                                 | 3.09      | 109.1     | 25.3     |
| KGKRC106 | 39.00     | 40.00   | 1496                                  | 3482                    | 410                                   | 1338                                  | 117                                   | 19.3                                  | 32.6                                  | 2.5                                   | 7.9                                   | 0.9                                   | 2.5                                   | 0.2                                   | 1.8                                   | 0.2                                   | 24.0                                 | 0.69      | 22.4      | 9.2      |
| KGKRC106 | 40.00     | 41.00   | 3089                                  | 7041                    | 830                                   | 2712                                  | 237                                   | 41.1                                  | 67.4                                  | 5.1                                   | 13.8                                  | 1.5                                   | 2.5                                   | 0.3                                   | 1.6                                   | 0.2                                   | 32.0                                 | 1.41      | 46.8      | 26.1     |
| KGKRC106 | 41.00     | 42.00   | 1823                                  | 4155                    | 498                                   | 1641                                  | 156                                   | 30.7                                  | 55.4                                  | 4.6                                   | 16.0                                  | 2.1                                   | 4.9                                   | 0.5                                   | 2.0                                   | 0.3                                   | 52.6                                 | 0.84      | 54.0      | 15.0     |
| KGKRC106 | 42.00     | 43.00   | 1249                                  | 2902                    | 345                                   | 1226                                  | 155                                   | 35.9                                  | 78.4                                  | 8.0                                   | 33.7                                  | 5.2                                   | 10.1                                  | 1.3                                   | 5.8                                   | 0.8                                   | 128.4                                | 0.62      | 77.6      | 9.0      |

| Hole ID  | From<br>m | To<br>m | La <sub>2</sub> O <sub>3</sub><br>ppm | CeO <sub>2</sub><br>ppm | Pr <sub>2</sub> O <sub>3</sub><br>ppm | Nd <sub>2</sub> O <sub>3</sub><br>ppm | Sm <sub>2</sub> O <sub>3</sub><br>ppm | Eu <sub>2</sub> O <sub>3</sub><br>ppm | Gd <sub>2</sub> O <sub>3</sub><br>ppm | Tb <sub>2</sub> O <sub>3</sub><br>ppm | Dy <sub>2</sub> O <sub>3</sub><br>ppm | Ho <sub>2</sub> O <sub>3</sub><br>ppm | Er <sub>2</sub> O <sub>3</sub><br>ppm | Tm <sub>2</sub> O <sub>3</sub><br>ppm | Yb <sub>2</sub> O <sub>3</sub><br>ppm | Lu <sub>2</sub> O <sub>3</sub><br>ppm | Y <sub>2</sub> O <sub>3</sub><br>ppm | TREO<br>% | Th<br>ppm | U<br>ppm |
|----------|-----------|---------|---------------------------------------|-------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|--------------------------------------|-----------|-----------|----------|
| KGKRC106 | 43.00     | 44.00   | 1307                                  | 3014                    | 367                                   | 1292                                  | 161                                   | 35.7                                  | 75.5                                  | 8.0                                   | 34.7                                  | 4.9                                   | 10.3                                  | 1.4                                   | 7.3                                   | 0.9                                   | 131.1                                | 0.65      | 64.8      | 6.5      |
| KGKRC106 | 44.00     | 45.00   | 1312                                  | 2891                    | 342                                   | 1162                                  | 133                                   | 31.7                                  | 65.6                                  | 7.3                                   | 29.5                                  | 4.8                                   | 10.5                                  | 1.3                                   | 6.4                                   | 0.8                                   | 121.2                                | 0.61      | 50.9      | 10.5     |
| KGKRC106 | 45.00     | 46.00   | 1542                                  | 3272                    | 378                                   | 1304                                  | 163                                   | 36.7                                  | 85.5                                  | 9.6                                   | 42.4                                  | 6.3                                   | 14.1                                  | 1.5                                   | 8.9                                   | 1.3                                   | 163.3                                | 0.70      | 54.0      | 12.2     |
| KGKRC106 | 46.00     | 47.00   | 1431                                  | 3011                    | 351                                   | 1194                                  | 157                                   | 37.3                                  | 92.5                                  | 10.5                                  | 45.3                                  | 7.2                                   | 15.2                                  | 1.8                                   | 9.2                                   | 1.1                                   | 177.2                                | 0.65      | 64.0      | 13.1     |
| KGKRC106 | 47.00     | 48.00   | 3776                                  | 9531                    | 1187                                  | 4028                                  | 377                                   | 66.4                                  | 117.9                                 | 9.1                                   | 30.3                                  | 3.6                                   | 7.0                                   | 0.7                                   | 4.5                                   | 0.6                                   | 82.2                                 | 1.92      | 81.5      | 15.8     |
| KGKRC106 | 48.00     | 49.00   | 3291                                  | 8235                    | 1014                                  | 3506                                  | 347                                   | 67.2                                  | 125.4                                 | 10.9                                  | 37.4                                  | 5.2                                   | 11.1                                  | 1.4                                   | 6.7                                   | 0.9                                   | 131.2                                | 1.68      | 87.1      | 16.1     |
| KGKRC106 | 49.00     | 50.00   | 1488                                  | 3259                    | 378                                   | 1297                                  | 172                                   | 39.0                                  | 90.0                                  | 9.6                                   | 38.6                                  | 6.0                                   | 12.9                                  | 1.6                                   | 9.5                                   | 1.1                                   | 155.8                                | 0.70      | 60.2      | 11.4     |
| KGKRC106 | 50.00     | 51.00   | 1734                                  | 3991                    | 480                                   | 1611                                  | 170                                   | 36.6                                  | 75.7                                  | 7.2                                   | 31.7                                  | 4.6                                   | 9.8                                   | 1.0                                   | 7.4                                   | 0.8                                   | 113.7                                | 0.83      | 50.4      | 9.5      |
| KGKRC106 | 51.00     | 52.00   | 1495                                  | 3349                    | 402                                   | 1343                                  | 146                                   | 31.4                                  | 67.8                                  | 7.3                                   | 28.6                                  | 4.6                                   | 9.3                                   | 1.0                                   | 7.5                                   | 0.8                                   | 112.1                                | 0.70      | 71.3      | 8.2      |
| KGKRC106 | 52.00     | 53.00   | 8469                                  | 18640                   | 2094                                  | 6738                                  | 541                                   | 97.5                                  | 162.6                                 | 11.6                                  | 29.2                                  | 2.8                                   | 4.7                                   | 0.5                                   | 2.0                                   | 0.2                                   | 58.4                                 | 3.69      | 143.1     | 27.7     |
| KGKRC106 | 53.00     | 54.00   | 1685                                  | 3675                    | 432                                   | 1452                                  | 161                                   | 34.2                                  | 73.3                                  | 7.3                                   | 30.9                                  | 4.2                                   | 9.0                                   | 1.0                                   | 5.4                                   | 0.9                                   | 109.0                                | 0.77      | 48.4      | 12.6     |
| KGKRC106 | 54.00     | 55.00   | 1266                                  | 2721                    | 320                                   | 1095                                  | 133                                   | 29.0                                  | 62.4                                  | 6.8                                   | 24.7                                  | 4.0                                   | 8.2                                   | 1.1                                   | 5.3                                   | 0.6                                   | 93.2                                 | 0.58      | 60.8      | 15.0     |
| KGKRC106 | 55.00     | 56.00   | 1388                                  | 2946                    | 349                                   | 1186                                  | 146                                   | 33.4                                  | 69.7                                  | 7.2                                   | 30.6                                  | 4.4                                   | 10.1                                  | 0.9                                   | 5.8                                   | 0.8                                   | 113.3                                | 0.63      | 63.8      | 21.9     |
| KGKRC106 | 56.00     | 57.00   | 2027                                  | 4258                    | 497                                   | 1657                                  | 160                                   | 32.0                                  | 61.0                                  | 5.8                                   | 20.8                                  | 2.9                                   | 5.6                                   | 0.7                                   | 3.4                                   | 0.5                                   | 71.8                                 | 0.88      | 42.9      | 11.9     |
| KGKRC106 | 57.00     | 58.00   | 1778                                  | 3788                    | 437                                   | 1435                                  | 137                                   | 27.3                                  | 52.9                                  | 4.8                                   | 16.9                                  | 2.5                                   | 5.3                                   | 0.6                                   | 3.9                                   | 0.5                                   | 60.2                                 | 0.77      | 36.0      | 10.6     |
| KGKRC106 | 58.00     | 59.00   | 1310                                  | 2823                    | 318                                   | 1075                                  | 113                                   | 23.9                                  | 50.6                                  | 5.2                                   | 21.6                                  | 3.3                                   | 7.4                                   | 0.8                                   | 5.2                                   | 0.7                                   | 88.5                                 | 0.58      | 41.7      | 11.4     |
| KGKRC106 | 59.00     | 60.00   | 1533                                  | 3413                    | 398                                   | 1306                                  | 122                                   | 23.2                                  | 41.1                                  | 3.5                                   | 12.4                                  | 2.1                                   | 4.2                                   | 0.5                                   | 2.4                                   | 0.3                                   | 46.1                                 | 0.69      | 30.8      | 7.3      |
| KGKRC110 | 0.00      | 1.00    | 8817                                  | 15522                   | 1469                                  | 3919                                  | 243                                   | 39.5                                  | 66.7                                  | 5.8                                   | 15.7                                  | 1.7                                   | 2.7                                   | 0.2                                   | 1.1                                   | 0.2                                   | 37.8                                 | 3.01      | 51.6      | 7.0      |
| KGKRC110 | 1.00      | 2.00    | 7856                                  | 14838                   | 1444                                  | 4001                                  | 258                                   | 43.7                                  | 75.2                                  | 6.7                                   | 21.4                                  | 2.3                                   | 3.5                                   | 0.3                                   | 2.2                                   | 0.2                                   | 56.3                                 | 2.86      | 69.9      | 7.8      |
| KGKRC110 | 2.00      | 3.00    | 4462                                  | 8684                    | 864                                   | 2510                                  | 185                                   | 31.7                                  | 57.2                                  | 5.2                                   | 14.6                                  | 1.4                                   | 2.4                                   | 0.2                                   | 0.7                                   | 0.1                                   | 33.9                                 | 1.69      | 62.9      | 7.1      |
| KGKRC110 | 3.00      | 4.00    | 10054                                 | 18472                   | 1758                                  | 4728                                  | 278                                   | 44.5                                  | 74.9                                  | 6.4                                   | 18.5                                  | 1.8                                   | 2.6                                   | 0.3                                   | 1.0                                   | 0.1                                   | 47.1                                 | 3.55      | 56.3      | 3.6      |
| KGKRC110 | 4.00      | 5.00    | 11460                                 | 20476                   | 1931                                  | 5179                                  | 307                                   | 46.3                                  | 72.3                                  | 6.0                                   | 17.5                                  | 1.7                                   | 2.9                                   | 0.3                                   | 1.6                                   | 0.2                                   | 45.7                                 | 3.95      | 49.7      | 3.8      |
| KGKRC110 | 5.00      | 6.00    | 7904                                  | 14521                   | 1413                                  | 3857                                  | 236                                   | 35.6                                  | 58.9                                  | 4.6                                   | 15.3                                  | 1.6                                   | 1.9                                   | 0.2                                   | 1.2                                   | 0.2                                   | 34.8                                 | 2.81      | 42.8      | 6.0      |
| KGKRC110 | 6.00      | 7.00    | 8447                                  | 15246                   | 1454                                  | 3984                                  | 239                                   | 38.7                                  | 63.6                                  | 5.5                                   | 16.6                                  | 1.8                                   | 3.1                                   | 0.2                                   | 1.1                                   | 0.1                                   | 42.0                                 | 2.95      | 53.3      | 4.9      |
| KGKRC110 | 7.00      | 8.00    | 15225                                 | 25078                   | 2298                                  | 6029                                  | 349                                   | 54.5                                  | 89.1                                  | 8.0                                   | 21.4                                  | 2.3                                   | 3.2                                   | 0.2                                   | 1.6                                   | 0.1                                   | 56.9                                 | 4.92      | 82.7      | 2.9      |
| KGKRC110 | 8.00      | 9.00    | 6300                                  | 10707                   | 972                                   | 2608                                  | 163                                   | 26.5                                  | 48.8                                  | 4.5                                   | 14.1                                  | 1.8                                   | 3.1                                   | 0.3                                   | 1.6                                   | 0.3                                   | 48.1                                 | 2.09      | 39.9      | 6.4      |
| KGKRC110 | 9.00      | 10.00   | 7209                                  | 13036                   | 1236                                  | 3382                                  | 262                                   | 44.9                                  | 86.0                                  | 8.8                                   | 29.3                                  | 3.3                                   | 5.7                                   | 0.6                                   | 3.2                                   | 0.5                                   | 91.4                                 | 2.54      | 107.9     | 10.0     |
| KGKRC110 | 10.00     | 11.00   | 1680                                  | 3465                    | 380                                   | 1225                                  | 130                                   | 27.8                                  | 66.5                                  | 8.8                                   | 38.5                                  | 5.0                                   | 11.0                                  | 1.4                                   | 7.6                                   | 1.1                                   | 145.3                                | 0.72      | 83.5      | 16.1     |
| KGKRC110 | 11.00     | 12.00   | 1572                                  | 3225                    | 338                                   | 1037                                  | 100                                   | 20.3                                  | 46.1                                  | 5.8                                   | 27.0                                  | 3.1                                   | 5.3                                   | 0.6                                   | 4.8                                   | 0.8                                   | 95.2                                 | 0.65      | 67.1      | 9.7      |
| KGKRC110 | 12.00     | 13.00   | 2853                                  | 5365                    | 537                                   | 1546                                  | 123                                   | 21.1                                  | 39.0                                  | 3.9                                   | 15.0                                  | 1.6                                   | 3.2                                   | 0.3                                   | 2.1                                   | 0.5                                   | 46.1                                 | 1.06      | 35.2      | 10.3     |
| KGKRC110 | 13.00     | 14.00   | 4271                                  | 8233                    | 843                                   | 2548                                  | 203                                   | 36.4                                  | 61.1                                  | 4.8                                   | 17.9                                  | 1.8                                   | 3.5                                   | 0.5                                   | 2.5                                   | 0.3                                   | 54.4                                 | 1.63      | 44.5      | 11.2     |
| KGKRC110 | 14.00     | 15.00   | 3904                                  | 7647                    | 790                                   | 2386                                  | 186                                   | 31.0                                  | 54.8                                  | 4.6                                   | 14.6                                  | 1.4                                   | 2.9                                   | 0.2                                   | 1.0                                   | 0.1                                   | 37.8                                 | 1.51      | 42.0      | 6.7      |
| KGKRC110 | 15.00     | 16.00   | 3763                                  | 6513                    | 602                                   | 1595                                  | 105                                   | 17.8                                  | 33.0                                  | 3.2                                   | 10.1                                  | 1.3                                   | 1.6                                   | 0.1                                   | 1.1                                   | -0.1                                  | 27.4                                 | 1.27      | 30.9      | 5.8      |
| KGKRC110 | 16.00     | 17.00   | 3363                                  | 6035                    | 574                                   | 1580                                  | 111                                   | 19.2                                  | 32.2                                  | 3.5                                   | 12.7                                  | 1.4                                   | 2.4                                   | 0.2                                   | 1.5                                   | 0.2                                   | 40.4                                 | 1.18      | 30.6      | 6.7      |
| KGKRC110 | 17.00     | 18.00   | 10704                                 | 18068                   | 1668                                  | 4382                                  | 249                                   | 40.0                                  | 66.6                                  | 6.5                                   | 21.4                                  | 2.1                                   | 2.7                                   | 0.3                                   | 0.9                                   | 0.1                                   | 51.4                                 | 3.53      | 60.0      | 3.9      |
| KGKRC110 | 18.00     | 19.00   | 7069                                  | 13312                   | 1296                                  | 3559                                  | 245                                   | 41.1                                  | 75.1                                  | 7.3                                   | 23.1                                  | 2.6                                   | 4.1                                   | 0.3                                   | 1.6                                   | 0.2                                   | 62.4                                 | 2.57      | 71.1      | 3.0      |
| KGKRC110 | 19.00     | 20.00   | 7101                                  | 12314                   | 1139                                  | 3049                                  | 192                                   | 31.3                                  | 53.9                                  | 4.8                                   | 15.3                                  | 1.7                                   | 3.1                                   | 0.3                                   | 1.5                                   | 0.2                                   | 44.7                                 | 2.40      | 42.8      | 6.2      |
| KGKRC110 | 20.00     | 21.00   | 4827                                  | 9551                    | 960                                   | 2701                                  | 184                                   | 29.8                                  | 50.3                                  | 4.1                                   | 13.1                                  | 1.4                                   | 2.5                                   | 0.2                                   | 1.6                                   | 0.2                                   | 35.7                                 | 1.84      | 39.2      | 6.0      |
| KGKRC110 | 21.00     | 22.00   | 3585                                  | 8180                    | 906                                   | 2846                                  | 236                                   | 39.4                                  | 71.0                                  | 5.4                                   | 17.3                                  | 2.3                                   | 3.4                                   | 0.5                                   | 2.5                                   | 0.3                                   | 55.5                                 | 1.60      | 35.4      | 2.7      |
| KGKRC110 | 22.00     | 23.00   | 5121                                  | 10549                   | 1112                                  | 3240                                  | 233                                   | 36.8                                  | 68.8                                  | 6.6                                   | 23.6                                  | 2.5                                   | 4.5                                   | 0.3                                   | 2.4                                   | 0.3                                   | 71.1                                 | 2.05      | 61.2      | 6.6      |
| KGKRC110 | 23.00     | 24.00   | 5435                                  | 11286                   | 1193                                  | 3436                                  | 232                                   | 37.2                                  | 77.6                                  | 9.9                                   | 38.3                                  | 4.4                                   | 7.2                                   | 0.6                                   | 3.9                                   | 0.5                                   | 116.5                                | 2.19      | 91.5      | 4.2      |
| KGKRC110 | 24.00     | 25.00   | 5817                                  | 11564                   | 1194                                  | 3328                                  | 212                                   | 34.4                                  | 58.1                                  | 4.8                                   | 15.2                                  | 1.6                                   | 3.0                                   | 0.3                                   | 1.8                                   | 0.1                                   | 44.7                                 | 2.23      | 46.3      | 4.1      |
| KGKRC110 | 25.00     | 26.00   | 7348                                  | 14377                   | 1466                                  | 4135                                  | 289                                   | 45.2                                  | 86.0                                  | 7.3                                   | 21.6                                  | 2.2                                   | 3.4                                   | 0.2                                   | 1.7                                   | 0.2                                   | 64.4                                 | 2.78      | 86.1      | 3.5      |
| KGKRC110 | 26.00     | 27.00   | 4279                                  | 7965                    | 779                                   | 2157                                  | 157                                   | 27.8                                  | 51.3                                  | 4.9                                   | 14.7                                  | 1.6                                   | 2.5                                   | 0.2                                   | 1.4                                   | 0.1                                   | 39.5                                 | 1.55      | 57.0      | 6.6      |
| KGKRC110 | 27.00     | 28.00   | 3340                                  | 6821                    | 714                                   | 2088                                  | 151                                   | 25.8                                  | 47.2                                  | 4.6                                   | 15.8                                  | 1.8                                   | 2.9                                   | 0.3                                   | 1.6                                   | 0.2                                   | 46.2                                 | 1.33      | 63.6      | 12.9     |

# LINDIAN

RESOURCES LTD.

| Hole ID  | From<br>m | To<br>m | La <sub>2</sub> O <sub>3</sub><br>ppm | CeO <sub>2</sub><br>ppm | Pr <sub>2</sub> O <sub>3</sub><br>ppm | Nd <sub>2</sub> O <sub>3</sub><br>ppm | Sm <sub>2</sub> O <sub>3</sub><br>ppm | Eu <sub>2</sub> O <sub>3</sub><br>ppm | Gd <sub>2</sub> O <sub>3</sub><br>ppm | Tb <sub>2</sub> O <sub>3</sub><br>ppm | Dy <sub>2</sub> O <sub>3</sub><br>ppm | Ho <sub>2</sub> O <sub>3</sub><br>ppm | Er <sub>2</sub> O <sub>3</sub><br>ppm | Tm <sub>2</sub> O <sub>3</sub><br>ppm | Yb <sub>2</sub> O <sub>3</sub><br>ppm | Lu <sub>2</sub> O <sub>3</sub><br>ppm | Y <sub>2</sub> O <sub>3</sub><br>ppm | TREO<br>% | Th<br>ppm | U<br>ppm |
|----------|-----------|---------|---------------------------------------|-------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|--------------------------------------|-----------|-----------|----------|
| KGKRC110 | 28.00     | 29.00   | 2447                                  | 4963                    | 512                                   | 1498                                  | 102                                   | 17.4                                  | 29.2                                  | 2.5                                   | 8.3                                   | 1.0                                   | 1.7                                   | 0.2                                   | 1.1                                   | 0.1                                   | 24.9                                 | 0.96      | 48.3      | 17.5     |
| KGKRC110 | 29.00     | 30.00   | 7241                                  | 12162                   | 1124                                  | 2916                                  | 181                                   | 31.2                                  | 56.8                                  | 5.1                                   | 17.0                                  | 1.8                                   | 3.2                                   | 0.3                                   | 1.6                                   | 0.2                                   | 47.6                                 | 2.38      | 71.2      | 7.8      |
| KGKRC110 | 30.00     | 31.00   | 12642                                 | 21726                   | 1995                                  | 5205                                  | 305                                   | 51.3                                  | 91.5                                  | 7.7                                   | 24.5                                  | 2.9                                   | 5.0                                   | 0.6                                   | 2.1                                   | 0.3                                   | 77.0                                 | 4.21      | 94.1      | 2.7      |
| KGKRC110 | 31.00     | 32.00   | 3813                                  | 7318                    | 731                                   | 2062                                  | 142                                   | 24.4                                  | 46.1                                  | 4.6                                   | 13.2                                  | 1.5                                   | 2.4                                   | 0.2                                   | 0.9                                   | 0.2                                   | 34.5                                 | 1.42      | 75.8      | 6.8      |
| KGKRC110 | 32.00     | 33.00   | 3724                                  | 7029                    | 690                                   | 1965                                  | 150                                   | 24.7                                  | 43.2                                  | 4.0                                   | 12.2                                  | 1.4                                   | 3.0                                   | 0.3                                   | 2.0                                   | 0.2                                   | 39.8                                 | 1.37      | 57.4      | 1.7      |
| KGKRC110 | 33.00     | 34.00   | 2839                                  | 5472                    | 530                                   | 1510                                  | 101                                   | 18.2                                  | 30.5                                  | 3.1                                   | 9.6                                   | 1.2                                   | 1.9                                   | 0.2                                   | 1.3                                   | 0.1                                   | 30.5                                 | 1.05      | 54.4      | 13.6     |
| KGKRC110 | 34.00     | 35.00   | 2400                                  | 4733                    | 488                                   | 1416                                  | 94                                    | 14.9                                  | 27.3                                  | 2.6                                   | 8.2                                   | 1.2                                   | 1.7                                   | 0.2                                   | 1.5                                   | 0.1                                   | 28.2                                 | 0.92      | 40.0      | 16.9     |
| KGKRC110 | 35.00     | 36.00   | 5232                                  | 9878                    | 986                                   | 2716                                  | 179                                   | 31.3                                  | 52.8                                  | 4.5                                   | 15.4                                  | 1.5                                   | 2.9                                   | 0.2                                   | 1.3                                   | 0.2                                   | 44.1                                 | 1.91      | 62.1      | 10.9     |
| KGKRC110 | 36.00     | 37.00   | 5537                                  | 10420                   | 1005                                  | 2734                                  | 180                                   | 30.2                                  | 55.4                                  | 5.3                                   | 16.1                                  | 2.1                                   | 3.2                                   | 0.3                                   | 1.3                                   | 0.2                                   | 49.5                                 | 2.00      | 67.2      | 10.8     |
| KGKRC110 | 37.00     | 38.00   | 4653                                  | 8556                    | 840                                   | 2280                                  | 150                                   | 24.4                                  | 46.0                                  | 4.8                                   | 15.7                                  | 1.7                                   | 3.0                                   | 0.3                                   | 1.1                                   | 0.2                                   | 47.5                                 | 1.66      | 56.5      | 9.5      |
| KGKRC110 | 38.00     | 39.00   | 4925                                  | 9052                    | 847                                   | 2334                                  | 168                                   | 28.8                                  | 57.4                                  | 5.5                                   | 16.5                                  | 1.8                                   | 3.5                                   | 0.3                                   | 1.5                                   | 0.3                                   | 53.3                                 | 1.75      | 85.6      | 3.4      |
| KGKRC110 | 39.00     | 40.00   | 15956                                 | 26714                   | 2398                                  | 6245                                  | 373                                   | 62.9                                  | 116.4                                 | 10.8                                  | 32.8                                  | 3.8                                   | 6.2                                   | 0.7                                   | 2.8                                   | 0.3                                   | 93.5                                 | 5.20      | 111.3     | 5.9      |
| KGKRC110 | 40.00     | 41.00   | 5470                                  | 10051                   | 938                                   | 2545                                  | 158                                   | 26.6                                  | 47.7                                  | 4.7                                   | 17.8                                  | 2.0                                   | 3.4                                   | 0.3                                   | 1.8                                   | 0.3                                   | 57.4                                 | 1.93      | 54.4      | 9.3      |
| KGKRC110 | 41.00     | 42.00   | 4379                                  | 8022                    | 754                                   | 2062                                  | 131                                   | 21.2                                  | 40.8                                  | 3.9                                   | 13.5                                  | 1.7                                   | 3.1                                   | 0.5                                   | 2.7                                   | 0.3                                   | 50.5                                 | 1.55      | 41.1      | 12.5     |
| KGKRC110 | 42.00     | 43.00   | 5589                                  | 10390                   | 999                                   | 2744                                  | 184                                   | 30.3                                  | 56.4                                  | 5.4                                   | 15.6                                  | 1.7                                   | 2.7                                   | 0.3                                   | 0.9                                   | 0.2                                   | 47.1                                 | 2.01      | 63.2      | 11.3     |
| KGKRC110 | 43.00     | 44.00   | 9186                                  | 16968                   | 1627                                  | 4347                                  | 303                                   | 51.4                                  | 95.5                                  | 9.2                                   | 33.4                                  | 3.7                                   | 6.9                                   | 0.7                                   | 3.8                                   | 0.6                                   | 100.3                                | 3.27      | 100.9     | 7.3      |
| KGKRC110 | 44.00     | 45.00   | 4898                                  | 9036                    | 856                                   | 2380                                  | 169                                   | 28.7                                  | 56.8                                  | 5.5                                   | 17.7                                  | 2.4                                   | 3.5                                   | 0.3                                   | 2.2                                   | 0.2                                   | 57.4                                 | 1.75      | 64.7      | 19.8     |
| KGKRC110 | 45.00     | 46.00   | 4730                                  | 9050                    | 928                                   | 2635                                  | 193                                   | 32.4                                  | 56.9                                  | 5.2                                   | 14.5                                  | 1.5                                   | 2.3                                   | 0.2                                   | 1.1                                   | 0.1                                   | 36.1                                 | 1.77      | 56.3      | 23.0     |
| KGKRC110 | 46.00     | 47.00   | 7090                                  | 13543                   | 1358                                  | 3888                                  | 257                                   | 42.7                                  | 74.5                                  | 5.8                                   | 15.6                                  | 1.6                                   | 2.1                                   | 0.5                                   | 1.1                                   | 0.1                                   | 40.5                                 | 2.63      | 61.9      | 5.4      |
| KGKRC110 | 47.00     | 48.00   | 8554                                  | 15931                   | 1588                                  | 4710                                  | 368                                   | 63.2                                  | 115.0                                 | 10.2                                  | 32.6                                  | 3.6                                   | 5.2                                   | 0.6                                   | 3.0                                   | 0.3                                   | 87.4                                 | 3.15      | 137.6     | 8.0      |
| KGKRC110 | 48.00     | 49.00   | 6535                                  | 13162                   | 1380                                  | 4346                                  | 357                                   | 62.4                                  | 111.0                                 | 8.6                                   | 24.2                                  | 2.4                                   | 4.1                                   | 0.3                                   | 1.3                                   | 0.2                                   | 60.6                                 | 2.61      | 128.5     | 10.5     |
| KGKRC110 | 49.00     | 50.00   | 7132                                  | 13560                   | 1376                                  | 4107                                  | 288                                   | 51.6                                  | 93.8                                  | 8.7                                   | 24.0                                  | 2.4                                   | 3.5                                   | 0.3                                   | 2.0                                   | 0.2                                   | 60.2                                 | 2.67      | 137.2     | 2.9      |
| KGKRC110 | 50.00     | 51.00   | 12895                                 | 24136                   | 2305                                  | 6654                                  | 438                                   | 72.3                                  | 129.2                                 | 12.1                                  | 40.4                                  | 4.9                                   | 7.9                                   | 0.8                                   | 5.4                                   | 0.6                                   | 134.1                                | 4.68      | 122.5     | 7.3      |
| KGKRC110 | 51.00     | 52.00   | 9025                                  | 17247                   | 1713                                  | 4901                                  | 342                                   | 57.8                                  | 106.5                                 | 10.0                                  | 37.0                                  | 4.8                                   | 8.6                                   | 0.9                                   | 5.1                                   | 0.8                                   | 144.3                                | 3.36      | 102.5     | 3.4      |
| KGKRC110 | 52.00     | 53.00   | 11179                                 | 21056                   | 2086                                  | 6156                                  | 416                                   | 69.8                                  | 132.8                                 | 11.9                                  | 40.5                                  | 5.2                                   | 8.2                                   | 0.8                                   | 4.6                                   | 0.6                                   | 135.0                                | 4.13      | 128.3     | 5.0      |
| KGKRC110 | 53.00     | 54.00   | 8173                                  | 15097                   | 1451                                  | 4207                                  | 290                                   | 51.9                                  | 97.0                                  | 10.4                                  | 40.7                                  | 5.8                                   | 11.6                                  | 1.4                                   | 8.5                                   | 1.3                                   | 177.2                                | 2.96      | 104.5     | 2.8      |
| KGKRC110 | 54.00     | 55.00   | 16852                                 | 31040                   | 2986                                  | 8649                                  | 547                                   | 95.2                                  | 184.8                                 | 18.1                                  | 73.3                                  | 9.9                                   | 19.3                                  | 1.9                                   | 10.0                                  | 1.4                                   | 311.4                                | 6.08      | 179.1     | 3.7      |
| KGKRC110 | 55.00     | 56.00   | 9875                                  | 18701                   | 1837                                  | 5354                                  | 364                                   | 62.2                                  | 119.8                                 | 11.1                                  | 40.2                                  | 5.2                                   | 9.8                                   | 1.0                                   | 6.9                                   | 0.8                                   | 162.3                                | 3.65      | 133.9     | 2.3      |
| KGKRC110 | 56.00     | 57.00   | 9354                                  | 17124                   | 1674                                  | 4699                                  | 313                                   | 54.9                                  | 106.9                                 | 10.5                                  | 39.9                                  | 4.9                                   | 10.1                                  | 0.9                                   | 5.4                                   | 0.9                                   | 149.6                                | 3.35      | 114.1     | 2.4      |
| KGKRC110 | 57.00     | 58.00   | 5395                                  | 10145                   | 995                                   | 2873                                  | 198                                   | 34.7                                  | 69.2                                  | 7.5                                   | 28.2                                  | 4.0                                   | 8.5                                   | 0.9                                   | 4.9                                   | 0.8                                   | 119.6                                | 1.99      | 84.0      | 2.0      |
| KGKRC110 | 58.00     | 59.00   | 2780                                  | 5196                    | 503                                   | 1487                                  | 115                                   | 22.0                                  | 45.8                                  | 5.1                                   | 24.3                                  | 3.9                                   | 8.6                                   | 1.1                                   | 7.0                                   | 1.1                                   | 130.9                                | 1.03      | 46.8      | 1.9      |
| KGKRC110 | 59.00     | 60.00   | 4398                                  | 10745                   | 1283                                  | 4351                                  | 392                                   | 65.0                                  | 109.9                                 | 8.4                                   | 25.5                                  | 3.6                                   | 6.5                                   | 0.8                                   | 3.6                                   | 0.6                                   | 96.0                                 | 2.15      | 94.4      | 2.6      |
| KGKRC110 | 60.00     | 61.00   | 16145                                 | 30958                   | 3067                                  | 8997                                  | 599                                   | 104.7                                 | 193.7                                 | 17.5                                  | 66.7                                  | 8.5                                   | 15.3                                  | 1.6                                   | 8.4                                   | 1.3                                   | 257.4                                | 6.04      | 194.9     | 4.2      |
| KGKRC110 | 61.00     | 62.00   | 17726                                 | 32686                   | 3212                                  | 9218                                  | 582                                   | 99.7                                  | 178.6                                 | 17.1                                  | 61.5                                  | 7.8                                   | 13.8                                  | 1.4                                   | 7.2                                   | 1.0                                   | 232.5                                | 6.40      | 189.5     | 4.2      |
| KGKRC110 | 62.00     | 63.00   | 13045                                 | 24217                   | 2346                                  | 6842                                  | 449                                   | 80.9                                  | 155.0                                 | 14.1                                  | 49.4                                  | 6.0                                   | 11.2                                  | 0.9                                   | 5.1                                   | 0.7                                   | 174.6                                | 4.74      | 201.3     | 4.0      |
| KGKRC110 | 63.00     | 64.00   | 3716                                  | 7213                    | 732                                   | 2229                                  | 182                                   | 36.7                                  | 83.8                                  | 10.4                                  | 51.5                                  | 8.7                                   | 19.6                                  | 2.5                                   | 13.7                                  | 2.1                                   | 259.6                                | 1.46      | 108.9     | 11.7     |
| KGKRC110 | 64.00     | 65.00   | 11666                                 | 23878                   | 2528                                  | 7987                                  | 607                                   | 104.7                                 | 179.4                                 | 13.4                                  | 40.3                                  | 4.5                                   | 7.1                                   | 0.7                                   | 3.3                                   | 0.5                                   | 120.0                                | 4.71      | 158.0     | 4.1      |
| KGKRC110 | 65.00     | 66.00   | 13057                                 | 20847                   | 1874                                  | 5037                                  | 320                                   | 52.3                                  | 95.0                                  | 8.2                                   | 26.3                                  | 3.7                                   | 5.3                                   | 0.5                                   | 2.9                                   | 0.3                                   | 89.0                                 | 4.14      | 81.5      | 3.8      |
| KGKRC110 | 66.00     | 67.00   | 8997                                  | 15051                   | 1427                                  | 4057                                  | 265                                   | 43.1                                  | 80.3                                  | 7.2                                   | 22.3                                  | 2.5                                   | 4.6                                   | 0.5                                   | 2.1                                   | 0.2                                   | 68.1                                 | 3.00      | 77.9      | 7.6      |
| KGKRC110 | 67.00     | 68.00   | 12626                                 | 19937                   | 1785                                  | 4754                                  | 272                                   | 44.9                                  | 82.6                                  | 7.3                                   | 21.9                                  | 2.4                                   | 4.1                                   | 0.3                                   | 1.9                                   | 0.3                                   | 63.8                                 | 3.96      | 76.5      | 4.7      |
| KGKRC110 | 68.00     | 69.00   | 7905                                  | 13383                   | 1254                                  | 3521                                  | 219                                   | 36.5                                  | 62.1                                  | 4.9                                   | 14.0                                  | 1.4                                   | 2.4                                   | 0.2                                   | 0.8                                   | 0.1                                   | 37.6                                 | 2.64      | 49.0      | 3.5      |
| KGKRC110 | 69.00     | 70.00   | 9413                                  | 14004                   | 1199                                  | 3158                                  | 181                                   | 31.3                                  | 62.0                                  | 5.3                                   | 17.0                                  | 1.8                                   | 2.1                                   | 0.2                                   | 0.8                                   | 0.1                                   | 46.7                                 | 2.81      | 56.5      | 3.0      |
| KGKRC110 | 70.00     | 71.00   | 8359                                  | 12491                   | 1063                                  | 2782                                  | 193                                   | 34.5                                  | 65.8                                  | 5.9                                   | 17.6                                  | 1.8                                   | 2.4                                   | 0.2                                   | 1.3                                   | 0.2                                   | 45.6                                 | 2.51      | 67.2      | 3.0      |
| KGKRC110 | 71.00     | 72.00   | 8781                                  | 12503                   | 1016                                  | 2569                                  | 149                                   | 26.3                                  | 47.9                                  | 4.6                                   | 14.4                                  | 1.6                                   | 2.4                                   | 0.3                                   | 0.8                                   | 0.1                                   | 41.0                                 | 2.52      | 50.6      | 2.3      |
| KGKRC110 | 72.00     | 73.00   | 8413                                  | 12612                   | 1094                                  | 2885                                  | 172                                   | 28.3                                  | 53.3                                  | 4.8                                   | 15.7                                  | 1.8                                   | 2.6                                   | 0.2                                   | 1.3                                   | 0.2                                   | 46.4                                 | 2.53      | 47.9      | 2.0      |

| Hole ID  | From<br>m | To<br>m | La <sub>2</sub> O <sub>3</sub><br>ppm | CeO <sub>2</sub><br>ppm | Pr <sub>2</sub> O <sub>3</sub><br>ppm | Nd <sub>2</sub> O <sub>3</sub><br>ppm | Sm <sub>2</sub> O <sub>3</sub><br>ppm | Eu <sub>2</sub> O <sub>3</sub><br>ppm | Gd <sub>2</sub> O <sub>3</sub><br>ppm | Tb <sub>2</sub> O <sub>3</sub><br>ppm | Dy <sub>2</sub> O <sub>3</sub><br>ppm | Ho <sub>2</sub> O <sub>3</sub><br>ppm | Er <sub>2</sub> O <sub>3</sub><br>ppm | Tm <sub>2</sub> O <sub>3</sub><br>ppm | Yb <sub>2</sub> O <sub>3</sub><br>ppm | Lu <sub>2</sub> O <sub>3</sub><br>ppm | Y <sub>2</sub> O <sub>3</sub><br>ppm | TREO<br>% | Th<br>ppm | U<br>ppm |
|----------|-----------|---------|---------------------------------------|-------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|--------------------------------------|-----------|-----------|----------|
| KGKRC110 | 73.00     | 74.00   | 9259                                  | 14417                   | 1246                                  | 3318                                  | 198                                   | 32.4                                  | 60.6                                  | 5.5                                   | 15.7                                  | 1.6                                   | 2.9                                   | 0.3                                   | 0.9                                   | 0.2                                   | 43.9                                 | 2.86      | 54.2      | 3.0      |
| KGKRC110 | 74.00     | 75.00   | 8114                                  | 14473                   | 1408                                  | 3938                                  | 250                                   | 39.0                                  | 70.2                                  | 5.3                                   | 14.2                                  | 1.5                                   | 2.3                                   | 0.2                                   | 1.1                                   | 0.2                                   | 36.6                                 | 2.84      | 51.9      | 7.6      |
| KGKRC110 | 75.00     | 76.00   | 4202                                  | 8272                    | 842                                   | 2485                                  | 154                                   | 25.2                                  | 42.9                                  | 3.5                                   | 12.1                                  | 1.4                                   | 1.9                                   | 0.2                                   | 1.2                                   | 0.1                                   | 33.9                                 | 1.61      | 38.7      | 14.8     |
| KGKRC110 | 76.00     | 77.00   | 5349                                  | 10126                   | 1018                                  | 2909                                  | 175                                   | 25.9                                  | 42.5                                  | 3.5                                   | 9.9                                   | 1.2                                   | 1.7                                   | 0.1                                   | 1.0                                   | 0.2                                   | 28.7                                 | 1.97      | 30.9      | 10.6     |
| KGKRC110 | 77.00     | 78.00   | 4224                                  | 7926                    | 782                                   | 2277                                  | 140                                   | 22.7                                  | 41.0                                  | 3.7                                   | 10.8                                  | 1.4                                   | 2.3                                   | 0.2                                   | 1.5                                   | 0.1                                   | 30.4                                 | 1.55      | 38.6      | 19.8     |
| KGKRC110 | 78.00     | 79.00   | 6146                                  | 12497                   | 1280                                  | 3854                                  | 280                                   | 46.1                                  | 83.6                                  | 7.4                                   | 25.9                                  | 3.4                                   | 5.8                                   | 0.7                                   | 3.4                                   | 0.6                                   | 88.6                                 | 2.43      | 76.5      | 5.8      |
| KGKRC110 | 79.00     | 80.00   | 6022                                  | 10933                   | 1064                                  | 2960                                  | 181                                   | 30.7                                  | 56.9                                  | 4.8                                   | 14.4                                  | 1.6                                   | 2.7                                   | 0.2                                   | 1.4                                   | 0.2                                   | 36.8                                 | 2.13      | 64.7      | 6.1      |
| KGKRC111 | 0.00      | 1.00    | 1909                                  | 3619                    | 382                                   | 1264                                  | 120                                   | 28.0                                  | 60.5                                  | 7.2                                   | 31.5                                  | 5.2                                   | 11.0                                  | 1.4                                   | 7.5                                   | 1.0                                   | 144.1                                | 0.76      | 47.2      | 6.8      |
| KGKRC111 | 1.00      | 2.00    | 3060                                  | 5715                    | 590                                   | 1856                                  | 164                                   | 32.2                                  | 65.3                                  | 6.1                                   | 23.9                                  | 3.9                                   | 7.8                                   | 0.8                                   | 5.4                                   | 0.8                                   | 92.7                                 | 1.16      | 44.7      | 14.4     |
| KGKRC111 | 2.00      | 3.00    | 1989                                  | 3772                    | 385                                   | 1227                                  | 101                                   | 18.2                                  | 35.0                                  | 2.9                                   | 9.3                                   | 1.2                                   | 1.9                                   | 0.3                                   | 1.2                                   | 0.2                                   | 29.2                                 | 0.76      | 21.1      | 3.3      |
| KGKRC111 | 3.00      | 4.00    | 1378                                  | 2769                    | 296                                   | 963                                   | 91                                    | 15.8                                  | 28.7                                  | 2.1                                   | 7.2                                   | 0.9                                   | 1.9                                   | 0.2                                   | 1.3                                   | 0.2                                   | 25.4                                 | 0.56      | 17.1      | 1.7      |
| KGKRC111 | 4.00      | 5.00    | 1726                                  | 3432                    | 373                                   | 1247                                  | 142                                   | 32.5                                  | 75.9                                  | 8.1                                   | 37.1                                  | 5.8                                   | 12.8                                  | 1.5                                   | 8.0                                   | 1.1                                   | 166.0                                | 0.73      | 38.3      | 8.9      |
| KGKRC111 | 5.00      | 6.00    | 2356                                  | 4851                    | 523                                   | 1725                                  | 174                                   | 35.4                                  | 79.7                                  | 7.8                                   | 30.1                                  | 4.6                                   | 8.9                                   | 1.3                                   | 7.4                                   | 0.9                                   | 119.5                                | 0.99      | 48.5      | 13.3     |
| KGKRC111 | 6.00      | 7.00    | 1435                                  | 3042                    | 351                                   | 1248                                  | 146                                   | 32.5                                  | 78.9                                  | 9.1                                   | 41.6                                  | 6.5                                   | 14.6                                  | 1.6                                   | 10.3                                  | 1.5                                   | 193.0                                | 0.66      | 87.2      | 16.4     |
| KGKRC111 | 7.00      | 8.00    | 1294                                  | 2904                    | 340                                   | 1233                                  | 146                                   | 30.8                                  | 67.7                                  | 6.8                                   | 27.2                                  | 4.1                                   | 9.7                                   | 1.0                                   | 6.9                                   | 1.0                                   | 119.9                                | 0.62      | 64.3      | 13.0     |
| KGKRC111 | 8.00      | 9.00    | 940                                   | 2070                    | 238                                   | 815                                   | 90                                    | 18.2                                  | 42.2                                  | 4.2                                   | 18.1                                  | 2.5                                   | 6.0                                   | 0.6                                   | 4.0                                   | 0.6                                   | 72.9                                 | 0.43      | 29.7      | 7.9      |
| KGKRC111 | 9.00      | 10.00   | 1126                                  | 2436                    | 275                                   | 936                                   | 104                                   | 22.4                                  | 50.7                                  | 5.1                                   | 23.1                                  | 3.1                                   | 6.3                                   | 0.7                                   | 4.6                                   | 0.6                                   | 85.1                                 | 0.51      | 35.4      | 11.2     |
| KGKRC111 | 10.00     | 11.00   | 1307                                  | 2804                    | 310                                   | 1050                                  | 99                                    | 19.7                                  | 39.1                                  | 3.8                                   | 14.4                                  | 2.2                                   | 4.6                                   | 0.6                                   | 3.6                                   | 0.5                                   | 54.7                                 | 0.57      | 21.3      | 5.3      |
| KGKRC111 | 11.00     | 12.00   | 1539                                  | 3317                    | 366                                   | 1190                                  | 98                                    | 16.4                                  | 27.3                                  | 1.9                                   | 6.0                                   | 0.8                                   | 1.5                                   | 0.2                                   | 1.0                                   | 0.1                                   | 16.9                                 | 0.66      | 13.3      | 0.6      |
| KGKRC111 | 12.00     | 13.00   | 1115                                  | 2518                    | 291                                   | 1001                                  | 90                                    | 15.9                                  | 27.2                                  | 1.8                                   | 5.6                                   | 0.6                                   | 1.5                                   | 0.2                                   | 0.7                                   | 0.1                                   | 16.3                                 | 0.51      | 13.5      | 0.3      |
| KGKRC111 | 13.00     | 14.00   | 1110                                  | 2466                    | 281                                   | 969                                   | 88                                    | 14.5                                  | 26.3                                  | 1.7                                   | 4.4                                   | 0.6                                   | 1.3                                   | -0.1                                  | 0.7                                   | 0.1                                   | 15.1                                 | 0.50      | 13.2      | 0.4      |
| KGKRC111 | 14.00     | 15.00   | 1348                                  | 2939                    | 320                                   | 1072                                  | 98                                    | 16.6                                  | 31.8                                  | 2.5                                   | 5.6                                   | 0.7                                   | 1.7                                   | 0.2                                   | 0.7                                   | 0.1                                   | 17.8                                 | 0.59      | 19.3      | 0.5      |
| KGKRC111 | 15.00     | 16.00   | 2712                                  | 5465                    | 584                                   | 1883                                  | 155                                   | 26.9                                  | 45.0                                  | 2.9                                   | 8.3                                   | 0.8                                   | 1.5                                   | 0.2                                   | 0.6                                   | 0.1                                   | 20.2                                 | 1.09      | 22.8      | 1.1      |
| KGKRC111 | 16.00     | 17.00   | 2298                                  | 4884                    | 525                                   | 1725                                  | 149                                   | 25.2                                  | 47.4                                  | 3.1                                   | 8.5                                   | 0.8                                   | 1.4                                   | 0.2                                   | 0.5                                   | 0.1                                   | 19.4                                 | 0.97      | 22.1      | 0.8      |
| KGKRC111 | 17.00     | 18.00   | 1704                                  | 3778                    | 425                                   | 1424                                  | 125                                   | 22.7                                  | 38.2                                  | 2.6                                   | 6.5                                   | 0.7                                   | 1.5                                   | -0.1                                  | 0.9                                   | -0.1                                  | 17.8                                 | 0.75      | 19.9      | 0.4      |
| KGKRC111 | 18.00     | 19.00   | 1379                                  | 3156                    | 354                                   | 1209                                  | 107                                   | 17.7                                  | 31.0                                  | 2.1                                   | 5.7                                   | 0.6                                   | 0.9                                   | 0.2                                   | 0.9                                   | 0.2                                   | 16.0                                 | 0.63      | 17.6      | 0.4      |
| KGKRC111 | 19.00     | 20.00   | 1967                                  | 4494                    | 499                                   | 1690                                  | 150                                   | 26.1                                  | 43.2                                  | 3.1                                   | 9.1                                   | 0.9                                   | 1.5                                   | 0.2                                   | 1.0                                   | 0.1                                   | 19.9                                 | 0.89      | 29.3      | 0.2      |
| KGKRC111 | 20.00     | 21.00   | 1600                                  | 3474                    | 376                                   | 1222                                  | 99                                    | 16.1                                  | 27.8                                  | 2.0                                   | 5.9                                   | 0.7                                   | 1.3                                   | 0.2                                   | 0.9                                   | 0.2                                   | 16.6                                 | 0.68      | 15.1      | 0.3      |
| KGKRC111 | 21.00     | 22.00   | 2264                                  | 5060                    | 555                                   | 1831                                  | 140                                   | 21.5                                  | 37.0                                  | 2.1                                   | 5.9                                   | 0.8                                   | 1.1                                   | -0.1                                  | 0.7                                   | -0.1                                  | 15.1                                 | 0.99      | 17.5      | 0.1      |
| KGKRC111 | 22.00     | 23.00   | 4593                                  | 9940                    | 1087                                  | 3479                                  | 266                                   | 44.0                                  | 72.0                                  | 4.5                                   | 11.0                                  | 1.4                                   | 1.9                                   | 0.2                                   | 0.9                                   | 0.2                                   | 25.4                                 | 1.95      | 35.9      | 0.4      |
| KGKRC111 | 23.00     | 24.00   | 6131                                  | 11986                   | 1243                                  | 3710                                  | 273                                   | 43.5                                  | 77.3                                  | 5.3                                   | 15.4                                  | 1.7                                   | 3.1                                   | 0.2                                   | 1.4                                   | 0.2                                   | 37.1                                 | 2.35      | 44.7      | 0.8      |
| KGKRC111 | 24.00     | 25.00   | 5529                                  | 11404                   | 1228                                  | 3845                                  | 306                                   | 48.6                                  | 80.6                                  | 5.4                                   | 13.5                                  | 1.5                                   | 2.7                                   | 0.2                                   | 1.4                                   | 0.2                                   | 34.4                                 | 2.25      | 41.5      | 0.2      |
| KGKRC111 | 25.00     | 26.00   | 4959                                  | 10519                   | 1128                                  | 3577                                  | 274                                   | 44.9                                  | 71.1                                  | 4.6                                   | 10.7                                  | 1.0                                   | 1.6                                   | 0.1                                   | 1.1                                   | 0.1                                   | 23.2                                 | 2.06      | 33.7      | 0.2      |
| KGKRC111 | 26.00     | 27.00   | 3274                                  | 6957                    | 738                                   | 2283                                  | 173                                   | 28.0                                  | 45.8                                  | 3.1                                   | 7.5                                   | 0.8                                   | 1.5                                   | -0.1                                  | 0.7                                   | 0.1                                   | 18.4                                 | 1.35      | 22.5      | 0.1      |
| KGKRC111 | 27.00     | 28.00   | 4509                                  | 9429                    | 970                                   | 2987                                  | 205                                   | 33.0                                  | 50.6                                  | 3.3                                   | 7.7                                   | 0.9                                   | 1.6                                   | 0.2                                   | 0.6                                   | 0.1                                   | 20.8                                 | 1.82      | 26.6      | 0.3      |
| KGKRC111 | 28.00     | 29.00   | 3213                                  | 6793                    | 740                                   | 2364                                  | 184                                   | 29.5                                  | 48.7                                  | 3.1                                   | 8.2                                   | 0.8                                   | 1.1                                   | -0.1                                  | 0.3                                   | -0.1                                  | 16.3                                 | 1.34      | 23.0      | 0.2      |
| KGKRC111 | 29.00     | 30.00   | 5583                                  | 11793                   | 1293                                  | 4028                                  | 290                                   | 45.6                                  | 72.9                                  | 4.6                                   | 11.9                                  | 1.4                                   | 1.8                                   | -0.1                                  | 1.0                                   | 0.1                                   | 26.9                                 | 2.32      | 32.0      | 0.5      |
| KGKRC111 | 30.00     | 31.00   | 6067                                  | 12207                   | 1332                                  | 3991                                  | 291                                   | 44.8                                  | 70.3                                  | 4.5                                   | 10.8                                  | 1.2                                   | 1.8                                   | 0.2                                   | 0.9                                   | -0.1                                  | 22.0                                 | 2.40      | 31.3      | 0.1      |
| KGKRC111 | 31.00     | 32.00   | 3175                                  | 6587                    | 730                                   | 2250                                  | 167                                   | 25.8                                  | 41.8                                  | 2.7                                   | 7.0                                   | 0.7                                   | 1.1                                   | 0.1                                   | 0.8                                   | -0.1                                  | 15.2                                 | 1.30      | 16.5      | 0.1      |
| KGKRC111 | 32.00     | 33.00   | 3860                                  | 7968                    | 909                                   | 2801                                  | 220                                   | 33.6                                  | 50.9                                  | 3.3                                   | 8.3                                   | 0.9                                   | 1.5                                   | 0.1                                   | 0.7                                   | -0.1                                  | 17.1                                 | 1.59      | 21.3      | 0.2      |
| KGKRC111 | 33.00     | 34.00   | 3661                                  | 7671                    | 865                                   | 2695                                  | 220                                   | 35.1                                  | 56.3                                  | 3.7                                   | 9.5                                   | 0.9                                   | 1.5                                   | 0.2                                   | 0.6                                   | -0.1                                  | 21.5                                 | 1.52      | 28.4      | 0.2      |
| KGKRC111 | 34.00     | 35.00   | 2033                                  | 4337                    | 495                                   | 1558                                  | 134                                   | 23.0                                  | 41.6                                  | 3.2                                   | 8.4                                   | 1.0                                   | 1.4                                   | 0.1                                   | 1.1                                   | 0.1                                   | 20.7                                 | 0.87      | 29.1      | 0.2      |
| KGKRC111 | 35.00     | 36.00   | 13044                                 | 23224                   | 2391                                  | 6956                                  | 479                                   | 76.9                                  | 123.7                                 | 8.8                                   | 21.0                                  | 2.2                                   | 2.7                                   | 0.3                                   | 1.7                                   | 0.2                                   | 43.2                                 | 4.64      | 62.9      | 0.2      |
| KGKRC111 | 36.00     | 37.00   | 10099                                 | 18869                   | 1991                                  | 5911                                  | 422                                   | 65.8                                  | 105.2                                 | 7.3                                   | 18.4                                  | 1.8                                   | 2.6                                   | 0.5                                   | 1.6                                   | 0.2                                   | 39.0                                 | 3.75      | 51.5      | 1.2      |
| KGKRC111 | 37.00     | 38.00   | 5407                                  | 11100                   | 1243                                  | 3740                                  | 274                                   | 42.8                                  | 68.1                                  | 4.1                                   | 9.8                                   | 0.9                                   | 1.6                                   | 0.1                                   | 1.1                                   | 0.1                                   | 19.7                                 | 2.19      | 26.3      | 0.3      |

| Hole ID  | From<br>m | To<br>m | La <sub>2</sub> O <sub>3</sub><br>ppm | CeO <sub>2</sub><br>ppm | Pr <sub>2</sub> O <sub>3</sub><br>ppm | Nd <sub>2</sub> O <sub>3</sub><br>ppm | Sm <sub>2</sub> O <sub>3</sub><br>ppm | Eu <sub>2</sub> O <sub>3</sub><br>ppm | Gd <sub>2</sub> O <sub>3</sub><br>ppm | Tb <sub>2</sub> O <sub>3</sub><br>ppm | Dy <sub>2</sub> O <sub>3</sub><br>ppm | Ho <sub>2</sub> O <sub>3</sub><br>ppm | Er <sub>2</sub> O <sub>3</sub><br>ppm | Tm <sub>2</sub> O <sub>3</sub><br>ppm | Yb <sub>2</sub> O <sub>3</sub><br>ppm | Lu <sub>2</sub> O <sub>3</sub><br>ppm | Y <sub>2</sub> O <sub>3</sub><br>ppm | TREO<br>% | Th<br>ppm | U<br>ppm |
|----------|-----------|---------|---------------------------------------|-------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|--------------------------------------|-----------|-----------|----------|
| KGKRC111 | 38.00     | 39.00   | 6918                                  | 13905                   | 1554                                  | 4773                                  | 348                                   | 53.4                                  | 82.1                                  | 5.4                                   | 12.2                                  | 1.2                                   | 1.8                                   | 0.1                                   | 1.3                                   | 0.2                                   | 25.0                                 | 2.77      | 33.5      | 0.1      |
| KGKRC111 | 39.00     | 40.00   | 7194                                  | 14695                   | 1622                                  | 4971                                  | 357                                   | 54.2                                  | 84.2                                  | 5.3                                   | 11.9                                  | 1.2                                   | 2.1                                   | 0.2                                   | 1.4                                   | 0.1                                   | 24.3                                 | 2.90      | 32.2      | 0.7      |
| KGKRC111 | 40.00     | 41.00   | 5678                                  | 11951                   | 1366                                  | 4232                                  | 321                                   | 49.9                                  | 74.6                                  | 4.4                                   | 9.1                                   | 0.9                                   | 1.5                                   | 0.2                                   | 1.0                                   | 0.1                                   | 19.7                                 | 2.37      | 28.0      | 0.4      |
| KGKRC111 | 41.00     | 42.00   | 2034                                  | 4345                    | 505                                   | 1644                                  | 157                                   | 29.1                                  | 57.7                                  | 4.9                                   | 18.9                                  | 2.5                                   | 5.5                                   | 0.7                                   | 3.3                                   | 0.5                                   | 66.8                                 | 0.89      | 17.1      | 3.0      |
| KGKRC111 | 42.00     | 43.00   | 1039                                  | 2164                    | 248                                   | 833                                   | 100                                   | 21.2                                  | 51.9                                  | 5.8                                   | 22.5                                  | 3.6                                   | 7.8                                   | 1.0                                   | 4.5                                   | 0.7                                   | 95.6                                 | 0.46      | 29.2      | 8.3      |
| KGKRC111 | 43.00     | 44.00   | 1230                                  | 2544                    | 291                                   | 964                                   | 113                                   | 24.3                                  | 61.0                                  | 6.2                                   | 25.5                                  | 3.7                                   | 7.9                                   | 1.0                                   | 4.9                                   | 0.7                                   | 100.2                                | 0.54      | 36.7      | 7.4      |
| KGKRC111 | 44.00     | 45.00   | 1648                                  | 3456                    | 393                                   | 1243                                  | 112                                   | 21.2                                  | 44.3                                  | 3.9                                   | 16.6                                  | 2.2                                   | 4.7                                   | 0.6                                   | 2.9                                   | 0.3                                   | 55.2                                 | 0.70      | 19.5      | 3.8      |
| KGKRC111 | 45.00     | 46.00   | 755                                   | 1635                    | 190                                   | 606                                   | 50                                    | 8.7                                   | 15.4                                  | 1.2                                   | 3.7                                   | 0.6                                   | 1.1                                   | 0.1                                   | 1.0                                   | 0.1                                   | 12.8                                 | 0.33      | 9.9       | 0.4      |
| KGKRC111 | 46.00     | 47.00   | 4600                                  | 9089                    | 972                                   | 2866                                  | 205                                   | 32.2                                  | 52.5                                  | 3.5                                   | 7.5                                   | 0.8                                   | 1.3                                   | 0.1                                   | 1.0                                   | -0.1                                  | 21.0                                 | 1.79      | 28.9      | 0.3      |
| KGKRC111 | 47.00     | 48.00   | 8389                                  | 16207                   | 1746                                  | 5194                                  | 367                                   | 57.6                                  | 89.1                                  | 6.1                                   | 13.3                                  | 1.4                                   | 1.6                                   | 0.2                                   | 0.5                                   | 0.1                                   | 25.4                                 | 3.21      | 42.7      | 0.1      |
| KGKRC111 | 48.00     | 49.00   | 6426                                  | 12839                   | 1398                                  | 4245                                  | 313                                   | 48.4                                  | 79.1                                  | 5.1                                   | 10.9                                  | 1.0                                   | 1.8                                   | 0.2                                   | 0.9                                   | 0.1                                   | 24.1                                 | 2.54      | 34.1      | 0.1      |
| KGKRC111 | 49.00     | 50.00   | 1716                                  | 3642                    | 413                                   | 1328                                  | 104                                   | 17.0                                  | 31.8                                  | 2.5                                   | 8.0                                   | 1.2                                   | 2.5                                   | 0.2                                   | 1.6                                   | 0.1                                   | 28.7                                 | 0.73      | 11.7      | 1.3      |
| KGKRC111 | 50.00     | 51.00   | 1968                                  | 3719                    | 399                                   | 1247                                  | 121                                   | 23.7                                  | 53.7                                  | 5.1                                   | 21.7                                  | 2.8                                   | 5.6                                   | 0.8                                   | 4.3                                   | 0.6                                   | 77.3                                 | 0.76      | 28.4      | 4.0      |
| KGKRC111 | 51.00     | 52.00   | 3869                                  | 7876                    | 873                                   | 2577                                  | 183                                   | 28.6                                  | 45.5                                  | 3.1                                   | 8.5                                   | 0.9                                   | 1.4                                   | 0.2                                   | 1.6                                   | 0.2                                   | 21.0                                 | 1.55      | 18.5      | 1.4      |
| KGKRC111 | 52.00     | 53.00   | 9730                                  | 19383                   | 2113                                  | 6334                                  | 446                                   | 67.6                                  | 106.2                                 | 6.8                                   | 14.2                                  | 1.4                                   | 2.3                                   | 0.2                                   | 1.6                                   | 0.2                                   | 30.4                                 | 3.82      | 46.1      | 0.6      |
| KGKRC111 | 53.00     | 54.00   | 7100                                  | 14339                   | 1589                                  | 4848                                  | 356                                   | 55.2                                  | 85.6                                  | 5.5                                   | 12.7                                  | 1.4                                   | 2.4                                   | 0.2                                   | 1.3                                   | 0.2                                   | 31.4                                 | 2.84      | 37.7      | 0.3      |
| KGKRC111 | 54.00     | 55.00   | 7827                                  | 15171                   | 1638                                  | 4913                                  | 367                                   | 62.0                                  | 100.0                                 | 6.2                                   | 14.7                                  | 1.5                                   | 2.9                                   | 0.3                                   | 2.1                                   | 0.2                                   | 34.0                                 | 3.01      | 49.9      | 1.0      |
| KGKRC111 | 55.00     | 56.00   | 2171                                  | 4551                    | 514                                   | 1605                                  | 133                                   | 22.1                                  | 36.7                                  | 2.6                                   | 7.7                                   | 0.9                                   | 2.1                                   | 0.2                                   | 1.5                                   | 0.2                                   | 22.7                                 | 0.91      | 14.7      | 1.0      |
| KGKRC111 | 56.00     | 57.00   | 4176                                  | 8905                    | 1027                                  | 3212                                  | 268                                   | 44.2                                  | 74.4                                  | 4.6                                   | 11.5                                  | 1.3                                   | 1.9                                   | 0.2                                   | 1.3                                   | 0.1                                   | 23.4                                 | 1.78      | 33.3      | 0.2      |
| KGKRC111 | 57.00     | 58.00   | 3481                                  | 7309                    | 833                                   | 2568                                  | 208                                   | 32.0                                  | 51.6                                  | 3.2                                   | 7.5                                   | 0.8                                   | 1.4                                   | 0.1                                   | 0.7                                   | 0.1                                   | 16.6                                 | 1.45      | 21.4      | 0.3      |
| KGKRC111 | 58.00     | 59.00   | 3524                                  | 7383                    | 824                                   | 2533                                  | 209                                   | 32.5                                  | 54.9                                  | 3.5                                   | 9.8                                   | 1.0                                   | 1.7                                   | 0.2                                   | 1.0                                   | 0.2                                   | 21.0                                 | 1.46      | 24.0      | -0.1     |
| KGKRC111 | 59.00     | 60.00   | 4258                                  | 8528                    | 935                                   | 2862                                  | 223                                   | 34.9                                  | 58.7                                  | 3.9                                   | 9.5                                   | 0.9                                   | 1.8                                   | 0.2                                   | 0.9                                   | -0.1                                  | 20.5                                 | 1.69      | 23.7      | 0.2      |
| KGKRC111 | 60.00     | 61.00   | 5616                                  | 11847                   | 1337                                  | 4067                                  | 302                                   | 47.9                                  | 72.7                                  | 4.7                                   | 11.7                                  | 1.2                                   | 2.2                                   | 0.2                                   | 0.8                                   | 0.2                                   | 25.0                                 | 2.33      | 27.5      | -0.1     |
| KGKRC111 | 61.00     | 62.00   | 3110                                  | 6474                    | 734                                   | 2263                                  | 182                                   | 28.3                                  | 45.5                                  | 2.6                                   | 6.8                                   | 0.7                                   | 0.9                                   | -0.1                                  | 0.8                                   | -0.1                                  | 13.7                                 | 1.29      | 18.5      | -0.1     |
| KGKRC111 | 62.00     | 63.00   | 2043                                  | 4337                    | 492                                   | 1557                                  | 126                                   | 20.6                                  | 31.0                                  | 2.1                                   | 5.2                                   | 0.6                                   | 0.8                                   | -0.1                                  | 0.8                                   | -0.1                                  | 12.1                                 | 0.86      | 14.2      | -0.1     |
| KGKRC111 | 63.00     | 64.00   | 4305                                  | 8839                    | 972                                   | 2923                                  | 214                                   | 33.2                                  | 51.3                                  | 3.2                                   | 7.1                                   | 0.6                                   | 1.4                                   | -0.1                                  | 1.0                                   | 0.1                                   | 15.9                                 | 1.74      | 21.6      | 0.1      |
| KGKRC111 | 64.00     | 65.00   | 6193                                  | 11666                   | 1212                                  | 3409                                  | 242                                   | 36.8                                  | 59.5                                  | 4.0                                   | 9.1                                   | 1.0                                   | 1.6                                   | 0.1                                   | 0.9                                   | -0.1                                  | 21.0                                 | 2.29      | 29.1      | 0.1      |
| KGKRC111 | 65.00     | 66.00   | 5973                                  | 10815                   | 1111                                  | 3101                                  | 217                                   | 34.5                                  | 55.8                                  | 3.8                                   | 10.0                                  | 1.2                                   | 1.8                                   | 0.3                                   | 1.4                                   | 0.2                                   | 24.1                                 | 2.14      | 27.0      | 0.7      |
| KGKRC111 | 66.00     | 67.00   | 10600                                 | 19079                   | 1941                                  | 5659                                  | 394                                   | 61.3                                  | 99.0                                  | 6.6                                   | 17.2                                  | 1.7                                   | 3.0                                   | 0.3                                   | 2.4                                   | 0.2                                   | 37.8                                 | 3.79      | 48.4      | 1.9      |
| KGKRC111 | 67.00     | 68.00   | 12360                                 | 22226                   | 2254                                  | 6360                                  | 425                                   | 64.4                                  | 99.5                                  | 6.8                                   | 16.9                                  | 2.0                                   | 3.0                                   | 0.2                                   | 1.7                                   | 0.2                                   | 37.7                                 | 4.39      | 53.4      | 3.8      |
| KGKRC111 | 68.00     | 69.00   | 3716                                  | 6813                    | 721                                   | 2072                                  | 160                                   | 27.6                                  | 49.3                                  | 4.1                                   | 12.6                                  | 1.7                                   | 3.3                                   | 0.5                                   | 2.2                                   | 0.3                                   | 43.3                                 | 1.36      | 24.6      | 5.2      |
| KGKRC111 | 69.00     | 70.00   | 12039                                 | 22429                   | 2308                                  | 6682                                  | 442                                   | 69.9                                  | 117.0                                 | 8.1                                   | 18.5                                  | 2.0                                   | 3.2                                   | 0.3                                   | 1.6                                   | 0.2                                   | 42.0                                 | 4.42      | 70.1      | 6.1      |
| KGKRC111 | 70.00     | 71.00   | 3950                                  | 7311                    | 773                                   | 2285                                  | 180                                   | 31.0                                  | 53.1                                  | 3.4                                   | 9.2                                   | 1.0                                   | 1.7                                   | 0.2                                   | 0.7                                   | 0.1                                   | 22.1                                 | 1.46      | 25.0      | 1.7      |
| KGKRC111 | 71.00     | 72.00   | 7469                                  | 14364                   | 1556                                  | 4663                                  | 372                                   | 58.6                                  | 99.5                                  | 6.2                                   | 14.0                                  | 1.4                                   | 2.4                                   | 0.2                                   | 1.3                                   | 0.1                                   | 30.0                                 | 2.86      | 47.5      | 0.4      |
| KGKRC111 | 72.00     | 73.00   | 4831                                  | 9455                    | 1040                                  | 3151                                  | 257                                   | 42.2                                  | 73.8                                  | 4.5                                   | 11.5                                  | 1.3                                   | 2.1                                   | 0.2                                   | 0.9                                   | 0.2                                   | 25.3                                 | 1.89      | 30.3      | 1.3      |
| KGKRC111 | 73.00     | 74.00   | 3239                                  | 6429                    | 702                                   | 2212                                  | 195                                   | 33.5                                  | 60.6                                  | 4.1                                   | 10.3                                  | 1.2                                   | 1.9                                   | 0.2                                   | 1.3                                   | 0.1                                   | 24.9                                 | 1.29      | 34.6      | 0.6      |
| KGKRC111 | 74.00     | 75.00   | 1793                                  | 3616                    | 419                                   | 1356                                  | 132                                   | 24.7                                  | 50.2                                  | 3.8                                   | 13.0                                  | 1.8                                   | 3.8                                   | 0.5                                   | 2.1                                   | 0.3                                   | 45.2                                 | 0.75      | 28.0      | 1.6      |
| KGKRC111 | 75.00     | 76.00   | 1189                                  | 2402                    | 275                                   | 899                                   | 100                                   | 21.5                                  | 49.2                                  | 4.9                                   | 19.6                                  | 3.0                                   | 5.8                                   | 0.7                                   | 3.9                                   | 0.5                                   | 75.6                                 | 0.50      | 32.1      | 3.9      |
| KGKRC111 | 76.00     | 77.00   | 905                                   | 1931                    | 219                                   | 754                                   | 81                                    | 17.3                                  | 36.9                                  | 3.2                                   | 12.2                                  | 1.6                                   | 3.8                                   | 0.6                                   | 2.5                                   | 0.3                                   | 47.6                                 | 0.40      | 13.8      | 3.4      |
| KGKRC111 | 77.00     | 78.00   | 1849                                  | 3768                    | 416                                   | 1389                                  | 138                                   | 26.5                                  | 46.9                                  | 3.7                                   | 12.3                                  | 1.7                                   | 3.0                                   | 0.3                                   | 2.3                                   | 0.3                                   | 37.5                                 | 0.77      | 22.9      | 7.1      |
| KGKRC111 | 78.00     | 79.00   | 7274                                  | 14614                   | 1558                                  | 4822                                  | 349                                   | 54.5                                  | 90.3                                  | 5.7                                   | 13.2                                  | 1.4                                   | 2.1                                   | 0.3                                   | 1.7                                   | 0.1                                   | 28.7                                 | 2.88      | 43.5      | 2.4      |
| KGKRC111 | 79.00     | 80.00   | 6082                                  | 12944                   | 1455                                  | 4625                                  | 369                                   | 58.1                                  | 92.9                                  | 5.9                                   | 13.3                                  | 1.4                                   | 2.6                                   | 0.2                                   | 1.2                                   | 0.2                                   | 32.0                                 | 2.57      | 38.6      | 2.4      |
| KGKRC112 | 0.00      | 1.00    | 6317                                  | 11029                   | 1093                                  | 3120                                  | 207                                   | 33.0                                  | 57.7                                  | 4.6                                   | 11.7                                  | 1.3                                   | 1.7                                   | 0.2                                   | 1.0                                   | 0.1                                   | 28.3                                 | 2.19      | 45.0      | 7.2      |
| KGKRC112 | 1.00      | 2.00    | 11731                                 | 20381                   | 1983                                  | 5721                                  | 363                                   | 57.6                                  | 97.3                                  | 7.3                                   | 19.3                                  | 1.7                                   | 2.6                                   | 0.2                                   | 0.7                                   | -0.1                                  | 40.3                                 | 4.04      | 66.5      | 5.1      |
| KGKRC112 | 2.00      | 3.00    | 11180                                 | 20121                   | 1992                                  | 5831                                  | 381                                   | 61.1                                  | 103.1                                 | 8.1                                   | 20.9                                  | 2.0                                   | 2.5                                   | 0.2                                   | 0.9                                   | 0.1                                   | 41.1                                 | 3.97      | 77.3      | 1.6      |

| Hole ID  | From<br>m | To<br>m | La <sub>2</sub> O <sub>3</sub><br>ppm | CeO <sub>2</sub><br>ppm | Pr <sub>2</sub> O <sub>3</sub><br>ppm | Nd <sub>2</sub> O <sub>3</sub><br>ppm | Sm <sub>2</sub> O <sub>3</sub><br>ppm | Eu <sub>2</sub> O <sub>3</sub><br>ppm | Gd <sub>2</sub> O <sub>3</sub><br>ppm | Tb <sub>2</sub> O <sub>3</sub><br>ppm | Dy <sub>2</sub> O <sub>3</sub><br>ppm | Ho <sub>2</sub> O <sub>3</sub><br>ppm | Er <sub>2</sub> O <sub>3</sub><br>ppm | Tm <sub>2</sub> O <sub>3</sub><br>ppm | Yb <sub>2</sub> O <sub>3</sub><br>ppm | Lu <sub>2</sub> O <sub>3</sub><br>ppm | Y <sub>2</sub> O <sub>3</sub><br>ppm | TREO<br>% | Th<br>ppm | U<br>ppm |
|----------|-----------|---------|---------------------------------------|-------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|--------------------------------------|-----------|-----------|----------|
| KGKRC112 | 3.00      | 4.00    | 11370                                 | 21916                   | 2291                                  | 6864                                  | 464                                   | 69.2                                  | 114.5                                 | 8.5                                   | 20.1                                  | 1.8                                   | 2.2                                   | 0.2                                   | 0.9                                   | 0.2                                   | 40.5                                 | 4.32      | 80.3      | 1.3      |
| KGKRC112 | 4.00      | 5.00    | 11032                                 | 20819                   | 2176                                  | 6518                                  | 425                                   | 67.2                                  | 117.7                                 | 8.6                                   | 23.5                                  | 2.4                                   | 3.2                                   | 0.3                                   | 1.5                                   | 0.2                                   | 51.9                                 | 4.12      | 82.3      | 2.4      |
| KGKRC112 | 5.00      | 6.00    | 20420                                 | 41338                   | 4436                                  | 13586                                 | 896                                   | 139.4                                 | 236.0                                 | 18.2                                  | 49.2                                  | 4.8                                   | 7.7                                   | 0.7                                   | 3.4                                   | 0.5                                   | 118.6                                | 8.13      | 154.6     | 4.1      |
| KGKRC112 | 6.00      | 7.00    | 20662                                 | 41774                   | 4561                                  | 13853                                 | 900                                   | 131.9                                 | 207.9                                 | 13.6                                  | 32.4                                  | 3.4                                   | 4.8                                   | 0.5                                   | 2.2                                   | 0.2                                   | 68.7                                 | 8.22      | 110.8     | 2.2      |
| KGKRC112 | 7.00      | 8.00    | 18974                                 | 38080                   | 4076                                  | 12287                                 | 795                                   | 117.2                                 | 179.5                                 | 11.3                                  | 23.0                                  | 2.3                                   | 2.7                                   | 0.2                                   | 1.1                                   | 0.1                                   | 44.3                                 | 7.46      | 93.0      | 0.8      |
| KGKRC112 | 8.00      | 9.00    | 14932                                 | 29119                   | 3032                                  | 9106                                  | 580                                   | 85.9                                  | 138.7                                 | 8.9                                   | 18.5                                  | 1.7                                   | 2.4                                   | 0.2                                   | 1.2                                   | -0.1                                  | 36.5                                 | 5.71      | 75.1      | 0.9      |
| KGKRC112 | 9.00      | 10.00   | 4519                                  | 8570                    | 880                                   | 2557                                  | 176                                   | 28.7                                  | 48.2                                  | 3.4                                   | 9.4                                   | 1.0                                   | 2.1                                   | 0.1                                   | 0.8                                   | 0.1                                   | 23.4                                 | 1.68      | 26.0      | 0.3      |
| KGKRC112 | 10.00     | 11.00   | 8037                                  | 15417                   | 1570                                  | 4609                                  | 295                                   | 47.0                                  | 74.2                                  | 5.3                                   | 11.6                                  | 1.2                                   | 1.7                                   | -0.1                                  | 0.9                                   | -0.1                                  | 24.4                                 | 3.01      | 39.6      | 0.4      |
| KGKRC112 | 11.00     | 12.00   | 8553                                  | 16140                   | 1632                                  | 4822                                  | 303                                   | 46.7                                  | 77.2                                  | 5.2                                   | 11.7                                  | 1.2                                   | 1.7                                   | 0.1                                   | 0.7                                   | -0.1                                  | 22.1                                 | 3.16      | 41.5      | 0.4      |
| KGKRC112 | 12.00     | 13.00   | 10205                                 | 19522                   | 2051                                  | 6067                                  | 384                                   | 59.6                                  | 97.2                                  | 6.4                                   | 14.7                                  | 1.3                                   | 2.2                                   | 0.2                                   | 1.2                                   | 0.1                                   | 29.8                                 | 3.84      | 51.9      | 0.5      |
| KGKRC112 | 13.00     | 14.00   | 6755                                  | 13037                   | 1362                                  | 4008                                  | 275                                   | 42.2                                  | 70.6                                  | 5.3                                   | 14.2                                  | 1.4                                   | 2.2                                   | 0.1                                   | 0.7                                   | -0.1                                  | 31.6                                 | 2.56      | 48.3      | 3.3      |
| KGKRC112 | 14.00     | 15.00   | 10536                                 | 19987                   | 2061                                  | 6036                                  | 400                                   | 61.7                                  | 101.0                                 | 8.0                                   | 21.4                                  | 2.0                                   | 2.6                                   | 0.2                                   | 0.5                                   | 0.1                                   | 41.5                                 | 3.93      | 77.5      | 1.3      |
| KGKRC112 | 15.00     | 16.00   | 12021                                 | 22883                   | 2388                                  | 7130                                  | 455                                   | 69.7                                  | 112.5                                 | 8.2                                   | 19.6                                  | 2.0                                   | 2.6                                   | 0.2                                   | 0.9                                   | 0.2                                   | 44.1                                 | 4.51      | 71.8      | 1.5      |
| KGKRC112 | 16.00     | 17.00   | 12315                                 | 24375                   | 2551                                  | 7583                                  | 492                                   | 72.5                                  | 112.9                                 | 7.8                                   | 19.3                                  | 1.8                                   | 3.1                                   | 0.2                                   | 1.3                                   | 0.1                                   | 44.2                                 | 4.76      | 62.7      | 1.1      |
| KGKRC112 | 17.00     | 18.00   | 12381                                 | 22691                   | 2296                                  | 6730                                  | 442                                   | 68.4                                  | 107.9                                 | 7.7                                   | 16.9                                  | 1.8                                   | 2.6                                   | 0.2                                   | 0.8                                   | 0.2                                   | 40.1                                 | 4.48      | 60.0      | 1.1      |
| KGKRC112 | 18.00     | 19.00   | NS                                    | NS                      | NS                                    | NS                                    | NS                                    | NS                                    | NS                                    | NS                                    | NS                                    | NS                                    | NS                                    | NS                                    | NS                                    | NS                                    | NS                                   | NS        | NS        | NS       |
| KGKRC112 | 19.00     | 20.00   | NS                                    | NS                      | NS                                    | NS                                    | NS                                    | NS                                    | NS                                    | NS                                    | NS                                    | NS                                    | NS                                    | NS                                    | NS                                    | NS                                    | NS                                   | NS        | NS        | NS       |
| KGKRC112 | 20.00     | 21.00   | 16365                                 | 30996                   | 3183                                  | 9427                                  | 608                                   | 95.3                                  | 152.2                                 | 11.1                                  | 29.2                                  | 2.8                                   | 4.1                                   | 0.3                                   | 2.1                                   | 0.2                                   | 61.7                                 | 6.09      | 94.6      | 2.3      |
| KGKRC112 | 21.00     | 22.00   | 13568                                 | 23268                   | 2280                                  | 6565                                  | 418                                   | 66.6                                  | 113.5                                 | 9.2                                   | 24.9                                  | 2.5                                   | 3.3                                   | 0.3                                   | 1.2                                   | 0.2                                   | 54.7                                 | 4.64      | 87.6      | 1.5      |
| KGKRC112 | 22.00     | 23.00   | 8548                                  | 14769                   | 1443                                  | 4074                                  | 271                                   | 42.5                                  | 74.3                                  | 6.2                                   | 18.0                                  | 2.0                                   | 2.6                                   | 0.2                                   | 1.3                                   | 0.1                                   | 42.2                                 | 2.93      | 56.2      | 3.2      |
| KGKRC112 | 23.00     | 24.00   | 8890                                  | 15737                   | 1537                                  | 4397                                  | 285                                   | 45.4                                  | 80.4                                  | 6.8                                   | 19.1                                  | 2.0                                   | 3.0                                   | 0.3                                   | 1.0                                   | 0.2                                   | 45.6                                 | 3.11      | 60.5      | 3.8      |
| KGKRC112 | 24.00     | 25.00   | 5297                                  | 9768                    | 987                                   | 2890                                  | 196                                   | 30.8                                  | 55.5                                  | 4.7                                   | 14.4                                  | 1.4                                   | 1.8                                   | 0.2                                   | 0.7                                   | 0.1                                   | 34.0                                 | 1.93      | 51.9      | 5.1      |
| KGKRC112 | 25.00     | 26.00   | 2692                                  | 5178                    | 533                                   | 1611                                  | 111                                   | 17.8                                  | 29.5                                  | 2.2                                   | 8.6                                   | 1.0                                   | 1.4                                   | 0.2                                   | 0.9                                   | 0.1                                   | 22.0                                 | 1.02      | 19.3      | 4.2      |
| KGKRC112 | 26.00     | 27.00   | 8496                                  | 14445                   | 1398                                  | 3945                                  | 257                                   | 41.2                                  | 69.4                                  | 4.9                                   | 13.4                                  | 1.5                                   | 2.4                                   | 0.2                                   | 1.4                                   | 0.1                                   | 31.8                                 | 2.87      | 39.3      | 3.1      |
| KGKRC112 | 27.00     | 28.00   | 11048                                 | 18629                   | 1791                                  | 5043                                  | 320                                   | 51.1                                  | 81.6                                  | 5.5                                   | 13.1                                  | 1.4                                   | 2.1                                   | 0.2                                   | 1.3                                   | 0.1                                   | 29.2                                 | 3.70      | 45.8      | 2.6      |
| KGKRC112 | 28.00     | 29.00   | 11895                                 | 18787                   | 1745                                  | 4787                                  | 294                                   | 47.9                                  | 80.5                                  | 5.9                                   | 13.7                                  | 1.4                                   | 2.1                                   | 0.1                                   | 1.0                                   | 0.1                                   | 29.3                                 | 3.77      | 45.0      | 1.6      |
| KGKRC112 | 29.00     | 30.00   | 11809                                 | 20071                   | 1922                                  | 5422                                  | 343                                   | 54.4                                  | 92.8                                  | 6.4                                   | 16.6                                  | 1.7                                   | 2.3                                   | 0.1                                   | 1.5                                   | 0.2                                   | 38.1                                 | 3.98      | 51.1      | 2.0      |
| KGKRC112 | 30.00     | 31.00   | 8727                                  | 15383                   | 1529                                  | 4405                                  | 284                                   | 44.8                                  | 76.7                                  | 5.4                                   | 13.1                                  | 1.3                                   | 1.9                                   | 0.1                                   | 0.8                                   | -0.1                                  | 27.2                                 | 3.05      | 46.2      | 3.4      |
| KGKRC112 | 31.00     | 32.00   | 6937                                  | 11969                   | 1192                                  | 3431                                  | 246                                   | 41.7                                  | 77.9                                  | 7.2                                   | 19.7                                  | 2.2                                   | 2.6                                   | 0.3                                   | 2.4                                   | 0.2                                   | 44.2                                 | 2.40      | 72.6      | 3.7      |
| KGKRC112 | 32.00     | 33.00   | 9139                                  | 16068                   | 1583                                  | 4572                                  | 297                                   | 47.4                                  | 80.5                                  | 6.0                                   | 14.9                                  | 1.6                                   | 2.7                                   | 0.2                                   | 1.0                                   | 0.1                                   | 34.5                                 | 3.18      | 47.9      | 3.3      |
| KGKRC112 | 33.00     | 34.00   | 13132                                 | 23491                   | 2358                                  | 6999                                  | 500                                   | 85.7                                  | 148.5                                 | 11.1                                  | 26.1                                  | 2.5                                   | 4.2                                   | 0.3                                   | 1.6                                   | 0.2                                   | 57.7                                 | 4.68      | 113.3     | 1.7      |
| KGKRC112 | 34.00     | 35.00   | 10376                                 | 19907                   | 2049                                  | 6136                                  | 391                                   | 62.1                                  | 107.4                                 | 7.8                                   | 21.9                                  | 2.1                                   | 3.4                                   | 0.3                                   | 1.6                                   | 0.2                                   | 49.3                                 | 3.91      | 68.4      | 1.6      |
| KGKRC112 | 35.00     | 36.00   | 11572                                 | 20974                   | 2150                                  | 6348                                  | 443                                   | 73.0                                  | 120.6                                 | 8.6                                   | 21.6                                  | 2.2                                   | 3.2                                   | 0.3                                   | 2.2                                   | 0.2                                   | 45.2                                 | 4.18      | 68.7      | 1.2      |
| KGKRC112 | 36.00     | 37.00   | 10494                                 | 19794                   | 2020                                  | 6073                                  | 392                                   | 61.8                                  | 102.0                                 | 7.2                                   | 18.4                                  | 1.7                                   | 3.0                                   | 0.2                                   | 1.1                                   | 0.2                                   | 38.6                                 | 3.90      | 56.7      | 2.1      |
| KGKRC112 | 37.00     | 38.00   | 13110                                 | 24118                   | 2500                                  | 7254                                  | 459                                   | 70.9                                  | 114.8                                 | 7.7                                   | 17.6                                  | 1.7                                   | 2.3                                   | 0.1                                   | 0.7                                   | 0.2                                   | 34.8                                 | 4.77      | 59.1      | 2.4      |
| KGKRC112 | 38.00     | 39.00   | 11898                                 | 22358                   | 2299                                  | 6770                                  | 424                                   | 65.4                                  | 102.1                                 | 6.9                                   | 15.5                                  | 1.6                                   | 2.4                                   | 0.2                                   | 1.2                                   | 0.1                                   | 33.7                                 | 4.40      | 61.3      | 2.8      |
| KGKRC112 | 39.00     | 40.00   | 17178                                 | 32195                   | 3295                                  | 9563                                  | 592                                   | 89.4                                  | 146.0                                 | 9.5                                   | 22.6                                  | 2.0                                   | 3.0                                   | 0.2                                   | 1.4                                   | 0.1                                   | 43.4                                 | 6.31      | 81.4      | 3.4      |
| KGKRC112 | 40.00     | 41.00   | 13140                                 | 23152                   | 2272                                  | 6483                                  | 406                                   | 65.8                                  | 109.7                                 | 8.4                                   | 25.0                                  | 2.5                                   | 3.4                                   | 0.5                                   | 2.0                                   | 0.3                                   | 57.7                                 | 4.57      | 76.0      | 9.3      |
| KGKRC112 | 41.00     | 42.00   | 7803                                  | 14112                   | 1400                                  | 3912                                  | 252                                   | 38.8                                  | 67.9                                  | 4.9                                   | 13.4                                  | 1.4                                   | 2.3                                   | 0.3                                   | 1.2                                   | 0.2                                   | 36.5                                 | 2.76      | 47.0      | 8.0      |
| KGKRC112 | 42.00     | 43.00   | 4876                                  | 8727                    | 878                                   | 2535                                  | 167                                   | 27.1                                  | 46.0                                  | 3.4                                   | 9.1                                   | 1.0                                   | 1.7                                   | 0.1                                   | 1.4                                   | 0.2                                   | 24.8                                 | 1.73      | 39.8      | 6.1      |
| KGKRC112 | 43.00     | 44.00   | 6654                                  | 11869                   | 1175                                  | 3333                                  | 217                                   | 35.4                                  | 63.0                                  | 4.7                                   | 14.8                                  | 1.6                                   | 2.9                                   | 0.3                                   | 2.2                                   | 0.3                                   | 40.3                                 | 2.34      | 51.4      | 12.5     |
| KGKRC112 | 44.00     | 45.00   | 12876                                 | 22775                   | 2257                                  | 6502                                  | 408                                   | 62.5                                  | 109.6                                 | 7.8                                   | 20.5                                  | 2.2                                   | 3.4                                   | 0.5                                   | 1.6                                   | 0.2                                   | 49.3                                 | 4.51      | 61.9      | 6.4      |
| KGKRC112 | 45.00     | 46.00   | 9346                                  | 15173                   | 1416                                  | 3901                                  | 241                                   | 37.5                                  | 64.4                                  | 4.9                                   | 12.5                                  | 1.3                                   | 2.5                                   | 0.2                                   | 0.7                                   | 0.1                                   | 32.0                                 | 3.02      | 39.7      | 4.7      |
| KGKRC112 | 46.00     | 47.00   | 6522                                  | 12102                   | 1228                                  | 3545                                  | 230                                   | 35.0                                  | 58.6                                  | 4.0                                   | 10.9                                  | 1.2                                   | 1.7                                   | 0.2                                   | 0.8                                   | 0.1                                   | 28.7                                 | 2.38      | 33.7      | 8.3      |
| KGKRC112 | 47.00     | 48.00   | 12641                                 | 22029                   | 2175                                  | 6247                                  | 390                                   | 61.8                                  | 102.3                                 | 7.3                                   | 18.4                                  | 1.8                                   | 3.0                                   | 0.3                                   | 0.9                                   | 0.2                                   | 43.6                                 | 4.37      | 58.7      | 5.3      |

# LINDIAN

RESOURCES LTD.

| Hole ID  | From<br>m | To<br>m | La <sub>2</sub> O <sub>3</sub><br>ppm | CeO <sub>2</sub><br>ppm | Pr <sub>2</sub> O <sub>3</sub><br>ppm | Nd <sub>2</sub> O <sub>3</sub><br>ppm | Sm <sub>2</sub> O <sub>3</sub><br>ppm | Eu <sub>2</sub> O <sub>3</sub><br>ppm | Gd <sub>2</sub> O <sub>3</sub><br>ppm | Tb <sub>2</sub> O <sub>3</sub><br>ppm | Dy <sub>2</sub> O <sub>3</sub><br>ppm | Ho <sub>2</sub> O <sub>3</sub><br>ppm | Er <sub>2</sub> O <sub>3</sub><br>ppm | Tm <sub>2</sub> O <sub>3</sub><br>ppm | Yb <sub>2</sub> O <sub>3</sub><br>ppm | Lu <sub>2</sub> O <sub>3</sub><br>ppm | Y <sub>2</sub> O <sub>3</sub><br>ppm | TREO<br>% | Th<br>ppm | U<br>ppm |
|----------|-----------|---------|---------------------------------------|-------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|--------------------------------------|-----------|-----------|----------|
| KGKRC112 | 48.00     | 49.00   | 25743                                 | 47248                   | 4852                                  | 14399                                 | 974                                   | 153.9                                 | 250.1                                 | 16.4                                  | 35.9                                  | 3.3                                   | 4.5                                   | 0.5                                   | 1.7                                   | 0.2                                   | 66.3                                 | 9.37      | 148.8     | 1.8      |
| KGKRC112 | 49.00     | 50.00   | 11718                                 | 20597                   | 2004                                  | 5934                                  | 403                                   | 64.6                                  | 102.6                                 | 7.1                                   | 15.7                                  | 1.5                                   | 2.2                                   | 0.2                                   | 1.2                                   | 0.1                                   | 33.7                                 | 4.09      | 63.7      | 1.4      |
| KGKRC112 | 50.00     | 51.00   | 10612                                 | 19232                   | 1957                                  | 5725                                  | 387                                   | 62.8                                  | 106.2                                 | 7.2                                   | 18.0                                  | 1.8                                   | 2.3                                   | 0.2                                   | 1.2                                   | 0.1                                   | 35.9                                 | 3.81      | 62.9      | 1.9      |
| KGKRC112 | 51.00     | 52.00   | 12424                                 | 20841                   | 1979                                  | 5590                                  | 353                                   | 54.3                                  | 92.7                                  | 6.2                                   | 16.0                                  | 1.6                                   | 2.4                                   | 0.1                                   | 1.3                                   | 0.2                                   | 33.9                                 | 4.14      | 56.2      | 2.7      |
| KGKRC112 | 52.00     | 53.00   | 8990                                  | 14793                   | 1395                                  | 3761                                  | 232                                   | 36.1                                  | 62.3                                  | 4.4                                   | 11.4                                  | 0.9                                   | 1.9                                   | 0.2                                   | 1.2                                   | 0.1                                   | 26.4                                 | 2.93      | 33.9      | 4.3      |
| KGKRC112 | 53.00     | 54.00   | 9702                                  | 15879                   | 1505                                  | 4120                                  | 254                                   | 40.0                                  | 68.8                                  | 4.7                                   | 12.1                                  | 1.4                                   | 2.4                                   | 0.2                                   | 1.1                                   | 0.1                                   | 31.0                                 | 3.16      | 36.6      | 3.4      |
| KGKRC112 | 54.00     | 55.00   | 9054                                  | 14883                   | 1413                                  | 3804                                  | 232                                   | 37.1                                  | 61.9                                  | 4.5                                   | 12.9                                  | 1.5                                   | 2.2                                   | 0.2                                   | 0.9                                   | 0.2                                   | 32.4                                 | 2.95      | 37.5      | 3.7      |
| KGKRC112 | 55.00     | 56.00   | 14531                                 | 24553                   | 2381                                  | 6738                                  | 427                                   | 67.4                                  | 112.9                                 | 8.0                                   | 20.0                                  | 2.2                                   | 3.3                                   | 0.3                                   | 1.6                                   | 0.2                                   | 47.1                                 | 4.89      | 65.4      | 4.0      |
| KGKRC112 | 56.00     | 57.00   | 30193                                 | 51120                   | 5015                                  | 14386                                 | 1000                                  | 164.0                                 | 287.6                                 | 19.4                                  | 44.7                                  | 3.8                                   | 5.0                                   | 0.3                                   | 2.0                                   | 0.2                                   | 80.9                                 | 10.23     | 161.6     | 5.0      |
| KGKRC112 | 57.00     | 58.00   | 5017                                  | 9576                    | 993                                   | 2952                                  | 234                                   | 41.2                                  | 75.1                                  | 5.7                                   | 17.9                                  | 2.0                                   | 3.5                                   | 0.3                                   | 2.1                                   | 0.3                                   | 48.3                                 | 1.90      | 46.3      | 8.4      |
| KGKRC112 | 58.00     | 59.00   | 11882                                 | 20568                   | 2029                                  | 5911                                  | 394                                   | 64.8                                  | 112.9                                 | 8.1                                   | 22.5                                  | 2.4                                   | 3.3                                   | 0.3                                   | 1.4                                   | 0.2                                   | 48.0                                 | 4.10      | 71.4      | 4.6      |
| KGKRC112 | 59.00     | 60.00   | 10408                                 | 16974                   | 1605                                  | 4472                                  | 277                                   | 44.7                                  | 76.5                                  | 5.7                                   | 14.9                                  | 1.7                                   | 2.6                                   | 0.2                                   | 1.8                                   | 0.2                                   | 35.3                                 | 3.39      | 45.9      | 4.5      |
| KGKRC112 | 60.00     | 61.00   | 9779                                  | 15934                   | 1556                                  | 4287                                  | 276                                   | 44.0                                  | 74.5                                  | 5.8                                   | 16.1                                  | 1.6                                   | 2.7                                   | 0.2                                   | 1.0                                   | 0.2                                   | 37.2                                 | 3.20      | 47.9      | 4.5      |
| KGKRC112 | 61.00     | 62.00   | 7437                                  | 12802                   | 1237                                  | 3509                                  | 235                                   | 38.3                                  | 66.9                                  | 4.9                                   | 13.7                                  | 1.6                                   | 2.5                                   | 0.2                                   | 1.0                                   | 0.2                                   | 35.3                                 | 2.54      | 42.6      | 5.6      |
| KGKRC112 | 62.00     | 63.00   | 8478                                  | 14319                   | 1369                                  | 3840                                  | 246                                   | 39.4                                  | 68.6                                  | 5.8                                   | 16.2                                  | 1.7                                   | 2.3                                   | 0.2                                   | 1.1                                   | 0.2                                   | 41.8                                 | 2.84      | 46.2      | 4.4      |
| KGKRC112 | 63.00     | 64.00   | 8329                                  | 14191                   | 1388                                  | 3765                                  | 246                                   | 40.4                                  | 72.4                                  | 5.9                                   | 14.9                                  | 1.5                                   | 3.4                                   | 0.3                                   | 1.4                                   | 0.2                                   | 41.4                                 | 2.81      | 52.2      | 4.3      |
| KGKRC112 | 64.00     | 65.00   | 10910                                 | 18520                   | 1804                                  | 4899                                  | 311                                   | 48.4                                  | 82.1                                  | 6.2                                   | 16.9                                  | 1.7                                   | 2.9                                   | 0.2                                   | 1.3                                   | 0.2                                   | 40.1                                 | 3.66      | 60.1      | 4.7      |
| KGKRC112 | 65.00     | 66.00   | 9326                                  | 15347                   | 1453                                  | 3792                                  | 240                                   | 38.3                                  | 66.8                                  | 5.1                                   | 12.7                                  | 1.3                                   | 2.5                                   | 0.2                                   | 1.1                                   | 0.1                                   | 34.9                                 | 3.03      | 41.2      | 4.5      |
| KGKRC112 | 66.00     | 67.00   | 10027                                 | 16522                   | 1589                                  | 4170                                  | 256                                   | 39.5                                  | 65.6                                  | 5.3                                   | 14.2                                  | 1.4                                   | 2.4                                   | 0.2                                   | 1.1                                   | 0.1                                   | 34.3                                 | 3.27      | 42.5      | 4.5      |
| KGKRC112 | 67.00     | 68.00   | 7509                                  | 12789                   | 1251                                  | 3371                                  | 216                                   | 36.1                                  | 60.5                                  | 4.8                                   | 12.1                                  | 1.3                                   | 2.6                                   | 0.2                                   | 1.3                                   | 0.1                                   | 32.4                                 | 2.53      | 39.6      | 8.8      |
| KGKRC112 | 68.00     | 69.00   | 7730                                  | 13121                   | 1248                                  | 3374                                  | 231                                   | 40.4                                  | 73.2                                  | 6.8                                   | 18.4                                  | 2.1                                   | 3.8                                   | 0.3                                   | 1.8                                   | 0.2                                   | 55.6                                 | 2.59      | 63.5      | 5.8      |
| KGKRC112 | 69.00     | 70.00   | 8429                                  | 13977                   | 1351                                  | 3615                                  | 243                                   | 41.2                                  | 74.3                                  | 5.8                                   | 16.2                                  | 1.6                                   | 2.5                                   | 0.2                                   | 1.6                                   | 0.1                                   | 40.0                                 | 2.78      | 55.0      | 4.7      |
| KGKRC112 | 70.00     | 71.00   | 8727                                  | 14529                   | 1413                                  | 3770                                  | 236                                   | 39.0                                  | 67.7                                  | 4.9                                   | 12.1                                  | 1.3                                   | 2.5                                   | 0.2                                   | 1.2                                   | 0.1                                   | 31.9                                 | 2.88      | 43.9      | 5.7      |
| KGKRC112 | 71.00     | 72.00   | 8750                                  | 14863                   | 1453                                  | 3848                                  | 240                                   | 38.9                                  | 61.6                                  | 4.9                                   | 12.2                                  | 1.2                                   | 2.2                                   | 0.2                                   | 1.0                                   | 0.1                                   | 30.9                                 | 2.93      | 41.2      | 4.9      |
| KGKRC112 | 72.00     | 73.00   | 10056                                 | 17397                   | 1723                                  | 4668                                  | 313                                   | 52.1                                  | 96.6                                  | 8.2                                   | 21.6                                  | 1.8                                   | 3.1                                   | 0.3                                   | 1.4                                   | 0.2                                   | 49.2                                 | 3.44      | 102.0     | 4.4      |
| KGKRC112 | 73.00     | 74.00   | 14119                                 | 24124                   | 2313                                  | 6183                                  | 377                                   | 61.7                                  | 108.8                                 | 9.2                                   | 25.0                                  | 2.2                                   | 4.1                                   | 0.5                                   | 1.7                                   | 0.2                                   | 59.8                                 | 4.74      | 90.3      | 4.8      |
| KGKRC112 | 74.00     | 75.00   | 4962                                  | 8968                    | 908                                   | 2535                                  | 184                                   | 31.8                                  | 56.1                                  | 4.6                                   | 13.1                                  | 1.7                                   | 3.0                                   | 0.3                                   | 1.8                                   | 0.2                                   | 42.2                                 | 1.77      | 36.0      | 6.4      |
| KGKRC112 | 75.00     | 76.00   | 2945                                  | 5606                    | 612                                   | 1868                                  | 174                                   | 34.4                                  | 64.6                                  | 5.8                                   | 20.5                                  | 2.8                                   | 6.8                                   | 0.8                                   | 4.7                                   | 0.6                                   | 85.1                                 | 1.14      | 41.5      | 7.2      |
| KGKRC112 | 76.00     | 77.00   | 2799                                  | 5242                    | 557                                   | 1674                                  | 157                                   | 31.4                                  | 63.9                                  | 5.9                                   | 21.2                                  | 2.9                                   | 6.9                                   | 0.8                                   | 4.1                                   | 0.6                                   | 83.8                                 | 1.06      | 44.6      | 6.8      |
| KGKRC112 | 77.00     | 78.00   | 2480                                  | 4680                    | 494                                   | 1445                                  | 129                                   | 26.1                                  | 52.9                                  | 5.1                                   | 20.3                                  | 3.0                                   | 6.8                                   | 0.8                                   | 4.6                                   | 0.6                                   | 82.3                                 | 0.94      | 33.6      | 8.9      |
| KGKRC112 | 78.00     | 79.00   | 2441                                  | 4586                    | 488                                   | 1444                                  | 132                                   | 26.5                                  | 53.4                                  | 5.4                                   | 20.7                                  | 2.6                                   | 5.7                                   | 0.8                                   | 3.8                                   | 0.5                                   | 73.2                                 | 0.93      | 33.9      | 7.5      |
| KGKRC112 | 79.00     | 80.00   | 2296                                  | 4275                    | 444                                   | 1322                                  | 120                                   | 24.6                                  | 50.7                                  | 5.2                                   | 20.4                                  | 2.8                                   | 6.3                                   | 0.7                                   | 4.0                                   | 0.6                                   | 78.4                                 | 0.87      | 33.4      | 7.3      |
| KGKRC112 | 80.00     | 81.00   | 5390                                  | 11035                   | 1200                                  | 3530                                  | 278                                   | 48.4                                  | 87.3                                  | 6.8                                   | 18.7                                  | 2.3                                   | 4.5                                   | 0.6                                   | 2.8                                   | 0.3                                   | 58.5                                 | 2.17      | 61.9      | 6.1      |
| KGKRC112 | 81.00     | 82.00   | 5676                                  | 11171                   | 1212                                  | 3465                                  | 264                                   | 44.6                                  | 78.0                                  | 5.7                                   | 15.5                                  | 2.0                                   | 3.7                                   | 0.2                                   | 1.9                                   | 0.2                                   | 44.7                                 | 2.20      | 48.1      | 5.8      |
| KGKRC112 | 82.00     | 83.00   | 3673                                  | 6959                    | 741                                   | 2188                                  | 178                                   | 33.6                                  | 62.5                                  | 5.4                                   | 17.5                                  | 2.2                                   | 5.0                                   | 0.6                                   | 2.0                                   | 0.3                                   | 63.1                                 | 1.39      | 41.2      | 6.3      |
| KGKRC112 | 83.00     | 84.00   | 3690                                  | 6946                    | 741                                   | 2176                                  | 179                                   | 32.1                                  | 62.8                                  | 4.8                                   | 17.3                                  | 1.8                                   | 4.5                                   | 0.5                                   | 3.4                                   | 0.5                                   | 54.7                                 | 1.39      | 34.5      | 6.5      |
| KGKRC112 | 84.00     | 85.00   | 6142                                  | 11997                   | 1282                                  | 3713                                  | 287                                   | 49.6                                  | 86.1                                  | 6.5                                   | 17.8                                  | 1.7                                   | 3.2                                   | 0.2                                   | 1.6                                   | 0.2                                   | 45.7                                 | 2.36      | 55.7      | 5.3      |
| KGKRC112 | 85.00     | 86.00   | NS                                    | NS                      | NS                                    | NS                                    | NS                                    | NS                                    | NS                                    | NS                                    | NS                                    | NS                                    | NS                                    | NS                                    | NS                                    | NS                                    | NS                                   | NS        | NS        | NS       |
| KGKRC112 | 86.00     | 87.00   | NS                                    | NS                      | NS                                    | NS                                    | NS                                    | NS                                    | NS                                    | NS                                    | NS                                    | NS                                    | NS                                    | NS                                    | NS                                    | NS                                    | NS                                   | NS        | NS        | NS       |
| KGKRC112 | 87.00     | 88.00   | 3694                                  | 6624                    | 676                                   | 1943                                  | 174                                   | 36.1                                  | 74.7                                  | 7.8                                   | 28.7                                  | 3.6                                   | 9.8                                   | 1.0                                   | 5.3                                   | 0.7                                   | 112.4                                | 1.34      | 37.7      | 8.8      |
| KGKRC112 | 88.00     | 89.00   | 5695                                  | 10145                   | 984                                   | 2676                                  | 183                                   | 31.3                                  | 56.0                                  | 5.2                                   | 13.9                                  | 1.6                                   | 3.1                                   | 0.3                                   | 1.6                                   | 0.2                                   | 42.8                                 | 1.98      | 49.3      | 5.6      |
| KGKRC112 | 89.00     | 90.00   | 14306                                 | 24107                   | 2303                                  | 6231                                  | 397                                   | 64.6                                  | 115.3                                 | 8.8                                   | 25.0                                  | 2.5                                   | 4.0                                   | 0.5                                   | 2.0                                   | 0.3                                   | 67.9                                 | 4.76      | 89.4      | 5.1      |
| KGKRC112 | 90.00     | 91.00   | 10263                                 | 17802                   | 1736                                  | 4613                                  | 302                                   | 52.2                                  | 89.3                                  | 7.4                                   | 20.9                                  | 2.2                                   | 4.6                                   | 0.3                                   | 2.2                                   | 0.3                                   | 67.8                                 | 3.50      | 88.2      | 3.8      |
| KGKRC112 | 91.00     | 92.00   | 21384                                 | 38772                   | 3997                                  | 11566                                 | 860                                   | 142.5                                 | 241.4                                 | 17.6                                  | 47.5                                  | 5.3                                   | 10.1                                  | 1.0                                   | 4.7                                   | 0.7                                   | 153.3                                | 7.72      | 164.7     | 7.6      |
| KGKRC112 | 92.00     | 93.00   | 17651                                 | 29933                   | 2947                                  | 8298                                  | 592                                   | 100.6                                 | 172.8                                 | 12.7                                  | 34.8                                  | 3.8                                   | 7.8                                   | 0.8                                   | 4.0                                   | 0.5                                   | 115.9                                | 5.99      | 130.2     | 4.2      |

| Hole ID  | From<br>m | To<br>m | La <sub>2</sub> O <sub>3</sub><br>ppm | CeO <sub>2</sub><br>ppm | Pr <sub>2</sub> O <sub>3</sub><br>ppm | Nd <sub>2</sub> O <sub>3</sub><br>ppm | Sm <sub>2</sub> O <sub>3</sub><br>ppm | Eu <sub>2</sub> O <sub>3</sub><br>ppm | Gd <sub>2</sub> O <sub>3</sub><br>ppm | Tb <sub>2</sub> O <sub>3</sub><br>ppm | Dy <sub>2</sub> O <sub>3</sub><br>ppm | Ho <sub>2</sub> O <sub>3</sub><br>ppm | Er <sub>2</sub> O <sub>3</sub><br>ppm | Tm <sub>2</sub> O <sub>3</sub><br>ppm | Yb <sub>2</sub> O <sub>3</sub><br>ppm | Lu <sub>2</sub> O <sub>3</sub><br>ppm | Y <sub>2</sub> O <sub>3</sub><br>ppm | TREO<br>% | Th<br>ppm | U<br>ppm |
|----------|-----------|---------|---------------------------------------|-------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|--------------------------------------|-----------|-----------|----------|
| KGKRC112 | 93.00     | 94.00   | 16276                                 | 28209                   | 2804                                  | 7845                                  | 565                                   | 94.1                                  | 158.9                                 | 11.6                                  | 32.6                                  | 3.6                                   | 7.3                                   | 0.9                                   | 3.1                                   | 0.5                                   | 104.1                                | 5.61      | 126.4     | 3.6      |
| KGKRC112 | 94.00     | 95.00   | 12035                                 | 20991                   | 2088                                  | 5625                                  | 374                                   | 63.3                                  | 106.3                                 | 8.7                                   | 23.6                                  | 2.9                                   | 5.4                                   | 0.6                                   | 3.5                                   | 0.3                                   | 83.6                                 | 4.14      | 91.4      | 5.2      |
| KGKRC112 | 95.00     | 96.00   | 12063                                 | 21158                   | 2063                                  | 5737                                  | 394                                   | 66.6                                  | 113.8                                 | 9.1                                   | 23.2                                  | 2.8                                   | 4.8                                   | 0.6                                   | 2.7                                   | 0.3                                   | 78.9                                 | 4.17      | 100.4     | 5.2      |
| KGKRC112 | 96.00     | 97.00   | 13910                                 | 24301                   | 2457                                  | 7032                                  | 525                                   | 90.8                                  | 158.5                                 | 12.5                                  | 35.5                                  | 3.8                                   | 7.0                                   | 0.7                                   | 4.3                                   | 0.6                                   | 111.6                                | 4.87      | 126.3     | 11.7     |
| KGKRC112 | 97.00     | 98.00   | 6510                                  | 11457                   | 1149                                  | 3162                                  | 241                                   | 43.4                                  | 79.9                                  | 6.8                                   | 20.9                                  | 2.2                                   | 4.7                                   | 0.6                                   | 3.6                                   | 0.5                                   | 67.9                                 | 2.27      | 68.0      | 11.0     |
| KGKRC112 | 98.00     | 99.00   | 1862                                  | 3655                    | 404                                   | 1273                                  | 147                                   | 33.7                                  | 82.2                                  | 12.8                                  | 66.1                                  | 9.9                                   | 24.8                                  | 2.9                                   | 18.9                                  | 2.8                                   | 318.5                                | 0.79      | 70.7      | 23.6     |
| KGKRC112 | 99.00     | 100.00  | 4386                                  | 7711                    | 755                                   | 2045                                  | 140                                   | 23.4                                  | 44.6                                  | 4.0                                   | 12.9                                  | 1.4                                   | 2.7                                   | 0.3                                   | 1.9                                   | 0.2                                   | 41.8                                 | 1.52      | 56.4      | 17.3     |
| KGKRC112 | 100.00    | 101.00  | 4847                                  | 8371                    | 796                                   | 2109                                  | 135                                   | 22.5                                  | 41.0                                  | 3.8                                   | 12.2                                  | 1.5                                   | 3.1                                   | 0.3                                   | 1.0                                   | 0.2                                   | 42.5                                 | 1.64      | 46.4      | 10.1     |
| KGKRC112 | 101.00    | 102.00  | 10502                                 | 17890                   | 1717                                  | 4552                                  | 263                                   | 41.7                                  | 69.1                                  | 5.9                                   | 17.2                                  | 2.1                                   | 4.7                                   | 0.5                                   | 2.9                                   | 0.3                                   | 64.5                                 | 3.51      | 44.4      | 5.8      |
| KGKRC112 | 102.00    | 103.00  | 8923                                  | 15049                   | 1452                                  | 3807                                  | 219                                   | 34.5                                  | 57.0                                  | 4.8                                   | 13.0                                  | 1.5                                   | 2.4                                   | 0.3                                   | 2.0                                   | 0.2                                   | 41.1                                 | 2.96      | 36.8      | 4.6      |
| KGKRC112 | 103.00    | 104.00  | 8267                                  | 13854                   | 1338                                  | 3509                                  | 222                                   | 36.4                                  | 63.4                                  | 6.2                                   | 18.0                                  | 1.8                                   | 3.2                                   | 0.2                                   | 1.6                                   | 0.1                                   | 45.5                                 | 2.74      | 59.9      | 4.6      |
| KGKRC112 | 104.00    | 105.00  | 5762                                  | 10002                   | 990                                   | 2685                                  | 185                                   | 31.4                                  | 58.4                                  | 5.2                                   | 14.8                                  | 1.5                                   | 2.7                                   | 0.2                                   | 1.3                                   | 0.2                                   | 39.8                                 | 1.98      | 58.3      | 5.5      |
| KGKRC112 | 105.00    | 106.00  | 4305                                  | 7900                    | 815                                   | 2263                                  | 159                                   | 28.4                                  | 51.3                                  | 4.5                                   | 13.4                                  | 1.3                                   | 2.5                                   | 0.2                                   | 1.2                                   | 0.1                                   | 34.2                                 | 1.56      | 52.9      | 4.1      |
| KGKRC112 | 106.00    | 107.00  | 7038                                  | 13023                   | 1324                                  | 3653                                  | 244                                   | 43.0                                  | 74.7                                  | 5.7                                   | 14.8                                  | 1.5                                   | 2.5                                   | 0.2                                   | 1.2                                   | 0.2                                   | 39.2                                 | 2.55      | 77.4      | 1.9      |
| KGKRC112 | 107.00    | 108.00  | 5768                                  | 10603                   | 1069                                  | 2940                                  | 209                                   | 37.2                                  | 68.7                                  | 5.9                                   | 16.0                                  | 1.8                                   | 3.0                                   | 0.3                                   | 1.7                                   | 0.1                                   | 45.7                                 | 2.08      | 77.8      | 3.6      |
| KGKRC112 | 108.00    | 109.00  | 3444                                  | 6176                    | 612                                   | 1681                                  | 118                                   | 21.5                                  | 44.2                                  | 4.9                                   | 16.3                                  | 1.7                                   | 3.5                                   | 0.3                                   | 1.8                                   | 0.2                                   | 48.3                                 | 1.22      | 56.2      | 1.6      |
| KGKRC112 | 109.00    | 110.00  | 4385                                  | 8056                    | 832                                   | 2315                                  | 172                                   | 30.2                                  | 57.0                                  | 5.1                                   | 15.8                                  | 1.6                                   | 2.7                                   | 0.2                                   | 1.6                                   | 0.2                                   | 43.7                                 | 1.59      | 60.7      | 1.7      |
| KGKRC112 | 110.00    | 111.00  | 3732                                  | 6943                    | 719                                   | 2080                                  | 166                                   | 29.4                                  | 57.0                                  | 5.1                                   | 16.5                                  | 1.5                                   | 2.6                                   | 0.3                                   | 1.7                                   | 0.2                                   | 41.5                                 | 1.38      | 61.2      | 1.9      |
| KGKRC112 | 111.00    | 112.00  | 6558                                  | 12567                   | 1243                                  | 3772                                  | 280                                   | 52.8                                  | 107.8                                 | 11.3                                  | 33.9                                  | 3.4                                   | 5.4                                   | 0.5                                   | 2.4                                   | 0.3                                   | 80.3                                 | 2.47      | 125.8     | 4.1      |
| KGKRC112 | 112.00    | 113.00  | NS                                    | NS                      | NS                                    | NS                                    | NS                                    | NS                                    | NS                                    | NS                                    | NS                                    | NS                                    | NS                                    | NS                                    | NS                                    | NS                                    | NS                                   | NS        | NS        | NS       |
| KGKRC112 | 113.00    | 114.00  | NS                                    | NS                      | NS                                    | NS                                    | NS                                    | NS                                    | NS                                    | NS                                    | NS                                    | NS                                    | NS                                    | NS                                    | NS                                    | NS                                    | NS                                   | NS        | NS        | NS       |
| KGKRC112 | 114.00    | 115.00  | NS                                    | NS                      | NS                                    | NS                                    | NS                                    | NS                                    | NS                                    | NS                                    | NS                                    | NS                                    | NS                                    | NS                                    | NS                                    | NS                                    | NS                                   | NS        | NS        | NS       |
| KGKRC112 | 115.00    | 116.00  | 11363                                 | 19722                   | 1830                                  | 5149                                  | 306                                   | 54.0                                  | 100.2                                 | 10.5                                  | 33.7                                  | 3.8                                   | 6.2                                   | 0.7                                   | 3.2                                   | 0.3                                   | 92.7                                 | 3.87      | 104.3     | 3.2      |
| KGKRC112 | 116.00    | 117.00  | 10008                                 | 17544                   | 1586                                  | 4516                                  | 266                                   | 45.9                                  | 86.7                                  | 8.9                                   | 28.4                                  | 3.0                                   | 5.0                                   | 0.3                                   | 2.1                                   | 0.2                                   | 77.5                                 | 3.42      | 96.4      | 2.9      |
| KGKRC112 | 117.00    | 118.00  | 8784                                  | 15149                   | 1410                                  | 3913                                  | 241                                   | 40.0                                  | 78.7                                  | 7.7                                   | 22.8                                  | 2.2                                   | 3.8                                   | 0.3                                   | 1.4                                   | 0.2                                   | 56.4                                 | 2.97      | 91.6      | 2.3      |
| KGKRC112 | 118.00    | 119.00  | 8222                                  | 14430                   | 1335                                  | 3784                                  | 242                                   | 43.0                                  | 83.0                                  | 8.4                                   | 25.3                                  | 2.3                                   | 3.7                                   | 0.3                                   | 1.2                                   | 0.2                                   | 60.5                                 | 2.82      | 121.5     | 3.4      |
| KGKRC112 | 119.00    | 120.00  | 11449                                 | 19968                   | 1847                                  | 5320                                  | 326                                   | 54.1                                  | 102.4                                 | 10.0                                  | 28.6                                  | 2.8                                   | 4.6                                   | 0.3                                   | 2.1                                   | 0.2                                   | 74.2                                 | 3.92      | 106.1     | 3.5      |
| KGKRC112 | 120.00    | 121.00  | 9920                                  | 17587                   | 1627                                  | 4738                                  | 288                                   | 50.4                                  | 91.5                                  | 8.5                                   | 25.0                                  | 2.4                                   | 3.9                                   | 0.3                                   | 1.9                                   | 0.2                                   | 64.0                                 | 3.44      | 99.9      | 4.0      |
| KGKRC112 | 121.00    | 122.00  | 7319                                  | 13866                   | 1350                                  | 3968                                  | 261                                   | 43.1                                  | 76.3                                  | 7.4                                   | 20.8                                  | 2.2                                   | 3.3                                   | 0.2                                   | 1.6                                   | 0.2                                   | 56.3                                 | 2.70      | 78.3      | 4.4      |
| KGKRC112 | 122.00    | 123.00  | 10313                                 | 19502                   | 1945                                  | 6032                                  | 444                                   | 76.2                                  | 137.3                                 | 11.5                                  | 30.2                                  | 3.0                                   | 4.4                                   | 0.5                                   | 1.4                                   | 0.2                                   | 72.9                                 | 3.86      | 130.3     | 2.9      |
| KGKRC112 | 123.00    | 124.00  | 9134                                  | 17305                   | 1687                                  | 5244                                  | 371                                   | 64.2                                  | 118.7                                 | 10.8                                  | 28.6                                  | 2.5                                   | 4.6                                   | 0.3                                   | 1.7                                   | 0.3                                   | 70.2                                 | 3.40      | 144.7     | 3.6      |
| KGKRC112 | 124.00    | 125.00  | 8963                                  | 16105                   | 1495                                  | 4305                                  | 269                                   | 46.2                                  | 84.2                                  | 7.3                                   | 19.4                                  | 1.8                                   | 3.7                                   | 0.2                                   | 1.0                                   | 0.1                                   | 49.0                                 | 3.14      | 80.3      | 3.0      |
| KGKRC112 | 125.00    | 126.00  | 6395                                  | 11996                   | 1183                                  | 3424                                  | 213                                   | 34.4                                  | 60.1                                  | 5.7                                   | 16.9                                  | 1.6                                   | 2.7                                   | 0.2                                   | 1.2                                   | 0.2                                   | 40.1                                 | 2.34      | 58.6      | 4.0      |
| KGKRC112 | 126.00    | 127.00  | 4272                                  | 7987                    | 770                                   | 2271                                  | 148                                   | 24.1                                  | 44.3                                  | 4.0                                   | 10.7                                  | 1.2                                   | 2.3                                   | 0.2                                   | 1.0                                   | 0.1                                   | 32.4                                 | 1.56      | 46.1      | 11.0     |
| KGKRC112 | 127.00    | 128.00  | 7914                                  | 14150                   | 1331                                  | 3733                                  | 237                                   | 39.1                                  | 72.2                                  | 6.2                                   | 17.9                                  | 2.0                                   | 3.3                                   | 0.3                                   | 1.8                                   | 0.1                                   | 51.7                                 | 2.76      | 66.4      | 6.2      |
| KGKRC112 | 128.00    | 129.00  | 5756                                  | 10897                   | 1053                                  | 3082                                  | 196                                   | 31.8                                  | 59.2                                  | 5.8                                   | 17.0                                  | 1.8                                   | 3.1                                   | 0.2                                   | 1.7                                   | 0.3                                   | 50.8                                 | 2.12      | 51.9      | 10.5     |
| KGKRC112 | 129.00    | 130.00  | 11015                                 | 20544                   | 1995                                  | 5978                                  | 387                                   | 64.5                                  | 110.1                                 | 9.6                                   | 26.5                                  | 2.6                                   | 5.2                                   | 0.5                                   | 2.0                                   | 0.2                                   | 73.4                                 | 4.02      | 96.6      | 6.4      |
| KGKRC112 | 130.00    | 131.00  | 8310                                  | 15325                   | 1465                                  | 4304                                  | 279                                   | 47.1                                  | 80.7                                  | 7.1                                   | 21.6                                  | 2.0                                   | 3.7                                   | 0.3                                   | 0.9                                   | 0.2                                   | 51.8                                 | 2.99      | 77.5      | 3.7      |
| KGKRC112 | 131.00    | 132.00  | 9332                                  | 17593                   | 1701                                  | 5071                                  | 318                                   | 51.9                                  | 96.1                                  | 8.5                                   | 23.9                                  | 2.3                                   | 3.8                                   | 0.3                                   | 1.9                                   | 0.1                                   | 61.1                                 | 3.43      | 81.9      | 3.4      |
| KGKRC112 | 132.00    | 133.00  | 4697                                  | 8856                    | 859                                   | 2498                                  | 171                                   | 29.4                                  | 57.1                                  | 5.2                                   | 14.8                                  | 1.6                                   | 2.7                                   | 0.3                                   | 1.3                                   | 0.2                                   | 43.1                                 | 1.72      | 63.8      | 6.4      |
| KGKRC112 | 133.00    | 134.00  | 5695                                  | 11296                   | 1136                                  | 3476                                  | 249                                   | 41.1                                  | 71.0                                  | 5.8                                   | 14.8                                  | 1.7                                   | 2.7                                   | 0.2                                   | 1.0                                   | 0.1                                   | 40.9                                 | 2.20      | 81.5      | 3.9      |
| KGKRC112 | 134.00    | 135.00  | 7293                                  | 12834                   | 1204                                  | 3431                                  | 223                                   | 37.2                                  | 66.5                                  | 5.7                                   | 14.5                                  | 1.4                                   | 2.3                                   | 0.3                                   | 1.6                                   | 0.1                                   | 38.7                                 | 2.52      | 64.2      | 4.8      |
| KGKRC112 | 135.00    | 136.00  | 7277                                  | 13419                   | 1284                                  | 3701                                  | 248                                   | 41.6                                  | 75.7                                  | 6.1                                   | 15.6                                  | 1.6                                   | 2.9                                   | 0.3                                   | 1.2                                   | 0.2                                   | 40.8                                 | 2.61      | 77.6      | 3.6      |
| KGKRC112 | 136.00    | 137.00  | 13108                                 | 24392                   | 2344                                  | 6771                                  | 401                                   | 61.3                                  | 108.3                                 | 8.6                                   | 21.5                                  | 2.2                                   | 4.2                                   | 0.3                                   | 1.7                                   | 0.3                                   | 62.2                                 | 4.73      | 80.0      | 3.2      |
| KGKRC112 | 137.00    | 138.00  | 7775                                  | 14495                   | 1403                                  | 4065                                  | 251                                   | 41.5                                  | 73.1                                  | 5.8                                   | 13.7                                  | 1.5                                   | 2.7                                   | 0.2                                   | 1.5                                   | 0.1                                   | 39.1                                 | 2.82      | 70.4      | 3.2      |

| Hole ID  | From<br>m | To<br>m | La <sub>2</sub> O <sub>3</sub><br>ppm | CeO <sub>2</sub><br>ppm | Pr <sub>2</sub> O <sub>3</sub><br>ppm | Nd <sub>2</sub> O <sub>3</sub><br>ppm | Sm <sub>2</sub> O <sub>3</sub><br>ppm | Eu <sub>2</sub> O <sub>3</sub><br>ppm | Gd <sub>2</sub> O <sub>3</sub><br>ppm | Tb <sub>2</sub> O <sub>3</sub><br>ppm | Dy <sub>2</sub> O <sub>3</sub><br>ppm | Ho <sub>2</sub> O <sub>3</sub><br>ppm | Er <sub>2</sub> O <sub>3</sub><br>ppm | Tm <sub>2</sub> O <sub>3</sub><br>ppm | Yb <sub>2</sub> O <sub>3</sub><br>ppm | Lu <sub>2</sub> O <sub>3</sub><br>ppm | Y <sub>2</sub> O <sub>3</sub><br>ppm | TREO<br>% | Th<br>ppm | U<br>ppm |
|----------|-----------|---------|---------------------------------------|-------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|--------------------------------------|-----------|-----------|----------|
| KGKRC112 | 138.00    | 139.00  | 5740                                  | 10900                   | 1047                                  | 3042                                  | 191                                   | 30.1                                  | 55.2                                  | 4.7                                   | 13.9                                  | 1.4                                   | 3.0                                   | 0.2                                   | 1.8                                   | 0.2                                   | 43.8                                 | 2.11      | 47.6      | 5.7      |
| KGKRC112 | 139.00    | 140.00  | 7005                                  | 13498                   | 1315                                  | 3827                                  | 246                                   | 38.7                                  | 66.8                                  | 5.5                                   | 14.2                                  | 1.5                                   | 3.1                                   | 0.2                                   | 1.3                                   | 0.2                                   | 41.7                                 | 2.61      | 50.6      | 5.0      |
| KGKRC112 | 140.00    | 141.00  | 5746                                  | 10768                   | 1058                                  | 3037                                  | 195                                   | 32.5                                  | 55.5                                  | 5.2                                   | 15.0                                  | 1.6                                   | 3.0                                   | 0.2                                   | 1.6                                   | 0.2                                   | 44.7                                 | 2.10      | 52.9      | 4.6      |
| KGKRC112 | 141.00    | 142.00  | 10107                                 | 18557                   | 1757                                  | 5064                                  | 309                                   | 50.7                                  | 90.1                                  | 7.8                                   | 22.0                                  | 2.2                                   | 3.5                                   | 0.3                                   | 2.1                                   | 0.2                                   | 56.5                                 | 3.60      | 80.9      | 2.7      |
| KGKRC112 | 142.00    | 143.00  | 9871                                  | 18375                   | 1812                                  | 5403                                  | 332                                   | 54.9                                  | 93.4                                  | 8.0                                   | 20.3                                  | 2.1                                   | 3.8                                   | 0.3                                   | 2.3                                   | 0.2                                   | 54.0                                 | 3.60      | 90.0      | 3.2      |
| KGKRC112 | 143.00    | 144.00  | 8438                                  | 15224                   | 1445                                  | 4163                                  | 263                                   | 44.2                                  | 83.1                                  | 8.0                                   | 23.3                                  | 2.2                                   | 3.9                                   | 0.3                                   | 2.1                                   | 0.3                                   | 62.9                                 | 2.98      | 80.5      | 3.8      |
| KGKRC112 | 144.00    | 145.00  | 10081                                 | 18832                   | 1809                                  | 5217                                  | 292                                   | 46.6                                  | 79.6                                  | 6.1                                   | 16.9                                  | 1.8                                   | 3.2                                   | 0.3                                   | 1.2                                   | 0.2                                   | 49.4                                 | 3.64      | 61.4      | 2.8      |
| KGKRC112 | 145.00    | 146.00  | 10653                                 | 20258                   | 1986                                  | 5780                                  | 332                                   | 50.1                                  | 84.7                                  | 7.1                                   | 17.2                                  | 2.0                                   | 3.7                                   | 0.3                                   | 1.3                                   | 0.2                                   | 52.8                                 | 3.92      | 69.7      | 5.4      |
| KGKRC112 | 146.00    | 147.00  | 7003                                  | 13052                   | 1261                                  | 3672                                  | 226                                   | 37.9                                  | 72.7                                  | 7.4                                   | 23.2                                  | 2.4                                   | 4.0                                   | 0.3                                   | 1.8                                   | 0.3                                   | 61.3                                 | 2.54      | 86.2      | 8.6      |
| KGKRC112 | 147.00    | 148.00  | 7723                                  | 14399                   | 1390                                  | 4034                                  | 264                                   | 44.6                                  | 77.2                                  | 7.7                                   | 26.6                                  | 3.0                                   | 5.7                                   | 0.5                                   | 3.3                                   | 0.3                                   | 80.5                                 | 2.81      | 66.9      | 7.1      |
| KGKRC112 | 148.00    | 149.00  | 14158                                 | 22367                   | 1947                                  | 5301                                  | 319                                   | 54.1                                  | 94.1                                  | 8.5                                   | 21.0                                  | 2.4                                   | 4.6                                   | 0.5                                   | 2.9                                   | 0.3                                   | 66.9                                 | 4.43      | 79.9      | 3.1      |
| KGKRC112 | 149.00    | 150.00  | 13026                                 | 19809                   | 1698                                  | 4704                                  | 290                                   | 49.3                                  | 86.8                                  | 7.2                                   | 18.8                                  | 1.8                                   | 3.9                                   | 0.3                                   | 2.4                                   | 0.3                                   | 54.4                                 | 3.98      | 79.8      | 7.0      |
| KGKRC123 | 0.00      | 1.00    | 16859                                 | 31531                   | 3143                                  | 9532                                  | 611                                   | 102.4                                 | 173.5                                 | 15.2                                  | 44.4                                  | 5.0                                   | 7.4                                   | 0.7                                   | 3.8                                   | 0.6                                   | 107.9                                | 6.21      | 167.4     | 16.8     |
| KGKRC123 | 1.00      | 2.00    | 10975                                 | 21123                   | 2118                                  | 6634                                  | 460                                   | 81.8                                  | 152.9                                 | 15.1                                  | 51.0                                  | 5.5                                   | 8.1                                   | 0.8                                   | 5.1                                   | 0.7                                   | 135.9                                | 4.18      | 149.2     | 10.3     |
| KGKRC123 | 2.00      | 3.00    | 4394                                  | 9052                    | 952                                   | 2991                                  | 218                                   | 40.0                                  | 70.2                                  | 6.2                                   | 17.0                                  | 2.1                                   | 2.9                                   | 0.2                                   | 1.2                                   | 0.2                                   | 40.4                                 | 1.78      | 99.5      | 6.6      |
| KGKRC123 | 3.00      | 4.00    | 11207                                 | 20740                   | 2042                                  | 6117                                  | 403                                   | 67.3                                  | 119.5                                 | 9.1                                   | 24.7                                  | 2.3                                   | 3.3                                   | 0.3                                   | 1.8                                   | 0.2                                   | 53.0                                 | 4.08      | 113.5     | 12.0     |
| KGKRC123 | 4.00      | 5.00    | 18928                                 | 35895                   | 3534                                  | 10656                                 | 669                                   | 110.7                                 | 190.0                                 | 15.5                                  | 43.5                                  | 4.4                                   | 5.8                                   | 0.5                                   | 2.1                                   | 0.3                                   | 96.3                                 | 7.02      | 200.9     | 10.2     |
| KGKRC123 | 5.00      | 6.00    | 20869                                 | 40646                   | 4055                                  | 12152                                 | 775                                   | 134.0                                 | 238.5                                 | 21.3                                  | 65.5                                  | 6.5                                   | 10.3                                  | 0.9                                   | 4.9                                   | 0.7                                   | 164.5                                | 7.91      | 240.4     | 9.4      |
| KGKRC123 | 6.00      | 7.00    | 10221                                 | 20745                   | 2150                                  | 6872                                  | 518                                   | 91.8                                  | 165.5                                 | 13.5                                  | 41.9                                  | 4.2                                   | 6.8                                   | 0.7                                   | 3.2                                   | 0.5                                   | 107.3                                | 4.09      | 165.0     | 6.2      |
| KGKRC123 | 7.00      | 8.00    | 7551                                  | 14361                   | 1430                                  | 4249                                  | 269                                   | 47.4                                  | 83.8                                  | 6.9                                   | 22.6                                  | 2.3                                   | 3.0                                   | 0.3                                   | 1.4                                   | 0.2                                   | 48.0                                 | 2.81      | 90.4      | 3.6      |
| KGKRC123 | 8.00      | 9.00    | 11859                                 | 22119                   | 2120                                  | 6303                                  | 385                                   | 65.0                                  | 112.8                                 | 10.2                                  | 28.4                                  | 2.6                                   | 4.1                                   | 0.5                                   | 1.9                                   | 0.2                                   | 65.0                                 | 4.31      | 140.5     | 2.2      |
| KGKRC123 | 9.00      | 10.00   | 4229                                  | 7812                    | 747                                   | 2192                                  | 136                                   | 22.7                                  | 37.5                                  | 3.7                                   | 9.6                                   | 1.0                                   | 1.6                                   | 0.1                                   | 0.8                                   | -0.1                                  | 26.2                                 | 1.52      | 37.4      | 4.4      |
| KGKRC123 | 10.00     | 11.00   | 3415                                  | 7003                    | 733                                   | 2371                                  | 174                                   | 30.1                                  | 50.6                                  | 3.8                                   | 11.6                                  | 1.0                                   | 1.7                                   | 0.2                                   | 0.9                                   | 0.1                                   | 27.7                                 | 1.38      | 41.0      | 4.0      |
| KGKRC123 | 11.00     | 12.00   | 4798                                  | 9426                    | 971                                   | 3038                                  | 238                                   | 38.4                                  | 66.4                                  | 4.8                                   | 14.7                                  | 1.6                                   | 2.2                                   | 0.3                                   | 1.4                                   | 0.1                                   | 40.3                                 | 1.86      | 61.6      | 3.8      |
| KGKRC123 | 12.00     | 13.00   | 8075                                  | 14491                   | 1374                                  | 3998                                  | 242                                   | 39.1                                  | 65.3                                  | 6.0                                   | 19.7                                  | 2.1                                   | 3.3                                   | 0.2                                   | 1.8                                   | 0.2                                   | 49.2                                 | 2.84      | 62.9      | 4.6      |
| KGKRC123 | 13.00     | 14.00   | 6533                                  | 12165                   | 1180                                  | 3488                                  | 227                                   | 37.4                                  | 61.4                                  | 4.9                                   | 13.8                                  | 1.5                                   | 2.4                                   | 0.2                                   | 1.3                                   | -0.1                                  | 33.7                                 | 2.37      | 56.9      | 6.4      |
| KGKRC123 | 14.00     | 15.00   | 10514                                 | 18953                   | 1819                                  | 5067                                  | 287                                   | 46.0                                  | 85.3                                  | 8.0                                   | 24.8                                  | 2.4                                   | 3.4                                   | 0.3                                   | 1.0                                   | 0.2                                   | 54.2                                 | 3.69      | 89.5      | 1.9      |
| KGKRC123 | 15.00     | 16.00   | 10983                                 | 19962                   | 1879                                  | 5438                                  | 333                                   | 55.2                                  | 98.4                                  | 8.7                                   | 25.8                                  | 2.6                                   | 3.2                                   | 0.3                                   | 1.6                                   | 0.2                                   | 57.3                                 | 3.88      | 98.3      | 2.0      |
| KGKRC123 | 16.00     | 17.00   | 6612                                  | 12148                   | 1147                                  | 3329                                  | 196                                   | 33.5                                  | 61.7                                  | 6.0                                   | 18.7                                  | 2.0                                   | 2.9                                   | 0.2                                   | 1.6                                   | 0.1                                   | 46.6                                 | 2.36      | 69.0      | 3.0      |
| KGKRC123 | 17.00     | 18.00   | 9640                                  | 17252                   | 1626                                  | 4630                                  | 265                                   | 41.9                                  | 72.6                                  | 6.1                                   | 18.4                                  | 1.8                                   | 2.7                                   | 0.3                                   | 1.5                                   | 0.2                                   | 47.0                                 | 3.36      | 52.8      | 5.9      |
| KGKRC123 | 18.00     | 19.00   | 10920                                 | 19389                   | 1825                                  | 5348                                  | 343                                   | 58.7                                  | 103.3                                 | 7.9                                   | 23.0                                  | 2.3                                   | 3.2                                   | 0.2                                   | 0.9                                   | 0.1                                   | 47.9                                 | 3.81      | 94.4      | 4.2      |
| KGKRC123 | 19.00     | 20.00   | 6425                                  | 12103                   | 1195                                  | 3589                                  | 241                                   | 40.1                                  | 67.7                                  | 6.1                                   | 18.4                                  | 1.8                                   | 2.6                                   | 0.3                                   | 1.2                                   | 0.1                                   | 41.4                                 | 2.37      | 67.8      | 7.6      |
| KGKRC123 | 20.00     | 21.00   | 7503                                  | 14136                   | 1386                                  | 4222                                  | 290                                   | 47.7                                  | 82.6                                  | 6.4                                   | 18.1                                  | 2.0                                   | 2.4                                   | 0.1                                   | 0.9                                   | 0.1                                   | 41.0                                 | 2.77      | 82.6      | 5.5      |
| KGKRC123 | 21.00     | 22.00   | 7395                                  | 13699                   | 1322                                  | 3890                                  | 258                                   | 43.7                                  | 75.7                                  | 6.7                                   | 19.2                                  | 2.0                                   | 3.1                                   | 0.3                                   | 1.1                                   | 0.1                                   | 45.0                                 | 2.68      | 82.9      | 4.1      |
| KGKRC123 | 22.00     | 23.00   | 7851                                  | 14604                   | 1411                                  | 4163                                  | 253                                   | 43.4                                  | 72.8                                  | 6.7                                   | 20.9                                  | 2.1                                   | 2.7                                   | 0.2                                   | 1.4                                   | 0.2                                   | 46.7                                 | 2.85      | 63.4      | 5.3      |
| KGKRC123 | 23.00     | 24.00   | 11051                                 | 19686                   | 1841                                  | 5338                                  | 302                                   | 48.4                                  | 76.8                                  | 6.1                                   | 16.9                                  | 1.7                                   | 2.2                                   | 0.2                                   | 1.7                                   | 0.1                                   | 36.5                                 | 3.84      | 57.1      | 7.1      |
| KGKRC123 | 24.00     | 25.00   | 6757                                  | 12820                   | 1268                                  | 3797                                  | 231                                   | 36.6                                  | 60.0                                  | 4.6                                   | 13.4                                  | 1.5                                   | 1.9                                   | 0.2                                   | 0.8                                   | 0.1                                   | 31.2                                 | 2.50      | 44.1      | 9.2      |
| KGKRC123 | 25.00     | 26.00   | 6680                                  | 12408                   | 1212                                  | 3551                                  | 222                                   | 38.0                                  | 68.8                                  | 6.2                                   | 18.5                                  | 1.8                                   | 2.6                                   | 0.2                                   | 1.3                                   | 0.1                                   | 44.6                                 | 2.43      | 81.3      | 2.5      |
| KGKRC123 | 26.00     | 27.00   | 6159                                  | 11453                   | 1112                                  | 3326                                  | 203                                   | 34.0                                  | 57.4                                  | 5.4                                   | 16.4                                  | 1.7                                   | 1.9                                   | 0.2                                   | 0.8                                   | 0.1                                   | 33.9                                 | 2.24      | 70.3      | 3.3      |
| KGKRC123 | 27.00     | 28.00   | 10882                                 | 18024                   | 1590                                  | 4323                                  | 244                                   | 41.9                                  | 75.7                                  | 7.9                                   | 26.1                                  | 2.5                                   | 3.8                                   | 0.3                                   | 1.9                                   | 0.2                                   | 59.6                                 | 3.53      | 85.5      | 2.3      |
| KGKRC123 | 28.00     | 29.00   | 23268                                 | 41417                   | 3842                                  | 10811                                 | 618                                   | 102.8                                 | 173.5                                 | 15.8                                  | 45.0                                  | 4.4                                   | 6.4                                   | 0.6                                   | 2.7                                   | 0.3                                   | 103.6                                | 8.04      | 170.1     | 5.6      |
| KGKRC123 | 29.00     | 30.00   | 31340                                 | 57496                   | 5470                                  | 16539                                 | 1073                                  | 182.0                                 | 322.2                                 | 26.2                                  | 72.7                                  | 6.9                                   | 9.8                                   | 0.8                                   | 3.5                                   | 0.7                                   | 162.9                                | 11.27     | 359.8     | 6.3      |
| KGKRC123 | 30.00     | 31.00   | 10476                                 | 20014                   | 1966                                  | 5942                                  | 379                                   | 65.8                                  | 117.1                                 | 10.2                                  | 31.0                                  | 2.8                                   | 4.0                                   | 0.6                                   | 2.2                                   | 0.2                                   | 65.8                                 | 3.91      | 126.2     | 7.6      |
| KGKRC123 | 31.00     | 32.00   | 9269                                  | 19336                   | 2030                                  | 6605                                  | 480                                   | 83.3                                  | 135.9                                 | 11.4                                  | 37.4                                  | 4.0                                   | 6.9                                   | 0.7                                   | 4.0                                   | 0.6                                   | 119.1                                | 3.81      | 123.0     | 4.8      |
| KGKRC123 | 32.00     | 33.00   | 6835                                  | 14878                   | 1629                                  | 5258                                  | 382                                   | 66.0                                  | 109.1                                 | 8.0                                   | 25.1                                  | 2.6                                   | 4.4                                   | 0.5                                   | 1.5                                   | 0.2                                   | 68.6                                 | 2.93      | 83.2      | 1.4      |

| Hole ID  | From<br>m | To<br>m | La <sub>2</sub> O <sub>3</sub><br>ppm | CeO <sub>2</sub><br>ppm | Pr <sub>2</sub> O <sub>3</sub><br>ppm | Nd <sub>2</sub> O <sub>3</sub><br>ppm | Sm <sub>2</sub> O <sub>3</sub><br>ppm | Eu <sub>2</sub> O <sub>3</sub><br>ppm | Gd <sub>2</sub> O <sub>3</sub><br>ppm | Tb <sub>2</sub> O <sub>3</sub><br>ppm | Dy <sub>2</sub> O <sub>3</sub><br>ppm | Ho <sub>2</sub> O <sub>3</sub><br>ppm | Er <sub>2</sub> O <sub>3</sub><br>ppm | Tm <sub>2</sub> O <sub>3</sub><br>ppm | Yb <sub>2</sub> O <sub>3</sub><br>ppm | Lu <sub>2</sub> O <sub>3</sub><br>ppm | Y <sub>2</sub> O <sub>3</sub><br>ppm | TREO<br>% | Th<br>ppm | U<br>ppm |
|----------|-----------|---------|---------------------------------------|-------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|--------------------------------------|-----------|-----------|----------|
| KGKRC123 | 33.00     | 34.00   | 3912                                  | 8015                    | 808                                   | 2563                                  | 178                                   | 30.0                                  | 54.4                                  | 4.8                                   | 16.3                                  | 1.6                                   | 2.6                                   | 0.3                                   | 1.5                                   | 0.2                                   | 41.0                                 | 1.56      | 66.4      | 9.5      |
| KGKRC123 | 34.00     | 35.00   | 4811                                  | 9448                    | 950                                   | 2912                                  | 186                                   | 32.1                                  | 54.6                                  | 4.2                                   | 13.1                                  | 1.4                                   | 2.2                                   | 0.2                                   | 1.5                                   | 0.2                                   | 34.3                                 | 1.85      | 40.7      | 8.8      |
| KGKRC123 | 35.00     | 36.00   | 8844                                  | 16988                   | 1643                                  | 4960                                  | 314                                   | 50.7                                  | 82.5                                  | 5.9                                   | 15.7                                  | 1.6                                   | 2.1                                   | 0.3                                   | 1.2                                   | 0.1                                   | 34.4                                 | 3.29      | 52.4      | 4.7      |
| KGKRC123 | 36.00     | 37.00   | 7524                                  | 14953                   | 1535                                  | 4722                                  | 319                                   | 52.2                                  | 85.8                                  | 5.9                                   | 15.4                                  | 1.6                                   | 2.5                                   | 0.2                                   | 1.0                                   | 0.1                                   | 32.6                                 | 2.93      | 61.8      | 5.4      |
| KGKRC123 | 37.00     | 38.00   | 3181                                  | 6275                    | 629                                   | 1946                                  | 129                                   | 20.5                                  | 33.5                                  | 2.7                                   | 8.2                                   | 0.9                                   | 1.8                                   | 0.1                                   | 0.8                                   | -0.1                                  | 21.3                                 | 1.22      | 25.3      | 9.3      |
| KGKRC123 | 38.00     | 39.00   | 4745                                  | 9471                    | 978                                   | 3116                                  | 220                                   | 36.2                                  | 58.6                                  | 4.4                                   | 11.0                                  | 1.2                                   | 2.1                                   | 0.2                                   | 1.5                                   | 0.2                                   | 27.8                                 | 1.87      | 40.4      | 3.8      |
| KGKRC123 | 39.00     | 40.00   | 5431                                  | 11070                   | 1140                                  | 3554                                  | 242                                   | 39.5                                  | 65.5                                  | 4.8                                   | 11.8                                  | 1.4                                   | 2.3                                   | 0.3                                   | 1.4                                   | 0.2                                   | 30.6                                 | 2.16      | 53.0      | 2.8      |
| KGKRC123 | 40.00     | 41.00   | 5449                                  | 10702                   | 1078                                  | 3240                                  | 207                                   | 35.0                                  | 55.3                                  | 4.0                                   | 12.2                                  | 1.4                                   | 1.9                                   | 0.2                                   | 1.3                                   | 0.1                                   | 29.3                                 | 2.08      | 34.2      | 5.2      |
| KGKRC123 | 41.00     | 42.00   | 4839                                  | 9244                    | 889                                   | 2606                                  | 154                                   | 25.7                                  | 47.0                                  | 4.5                                   | 12.7                                  | 1.5                                   | 1.9                                   | 0.2                                   | 1.0                                   | 0.1                                   | 29.1                                 | 1.79      | 47.6      | 7.2      |
| KGKRC123 | 42.00     | 43.00   | 6419                                  | 12262                   | 1226                                  | 3685                                  | 240                                   | 40.0                                  | 67.7                                  | 5.2                                   | 13.9                                  | 1.5                                   | 2.6                                   | 0.2                                   | 1.0                                   | 0.1                                   | 31.6                                 | 2.40      | 52.5      | 5.6      |
| KGKRC123 | 43.00     | 44.00   | 7588                                  | 14355                   | 1432                                  | 4233                                  | 255                                   | 40.0                                  | 61.9                                  | 4.2                                   | 10.3                                  | 1.0                                   | 1.8                                   | 0.2                                   | 1.2                                   | 0.1                                   | 24.5                                 | 2.80      | 32.0      | 5.1      |
| KGKRC123 | 44.00     | 45.00   | 9563                                  | 18344                   | 1811                                  | 5419                                  | 332                                   | 52.9                                  | 86.8                                  | 6.2                                   | 16.5                                  | 1.6                                   | 2.1                                   | 0.2                                   | 1.1                                   | 0.1                                   | 33.9                                 | 3.57      | 69.2      | 4.7      |
| KGKRC123 | 45.00     | 46.00   | 6534                                  | 12706                   | 1255                                  | 3690                                  | 206                                   | 32.3                                  | 48.0                                  | 3.2                                   | 9.1                                   | 1.0                                   | 1.8                                   | 0.2                                   | 1.1                                   | 0.1                                   | 23.5                                 | 2.45      | 22.7      | 10.0     |
| KGKRC123 | 46.00     | 47.00   | 5734                                  | 11321                   | 1125                                  | 3201                                  | 205                                   | 32.1                                  | 50.5                                  | 3.4                                   | 9.2                                   | 0.9                                   | 1.5                                   | 0.2                                   | 0.7                                   | 0.1                                   | 20.3                                 | 2.17      | 25.0      | 6.9      |
| KGKRC123 | 47.00     | 48.00   | 10307                                 | 19662                   | 1934                                  | 5590                                  | 381                                   | 59.5                                  | 94.4                                  | 6.0                                   | 14.1                                  | 1.4                                   | 1.9                                   | 0.2                                   | 0.7                                   | 0.1                                   | 27.9                                 | 3.81      | 45.2      | 3.6      |
| KGKRC123 | 48.00     | 49.00   | 4238                                  | 8262                    | 810                                   | 2398                                  | 168                                   | 27.9                                  | 45.9                                  | 3.5                                   | 8.5                                   | 0.9                                   | 1.4                                   | 0.2                                   | 1.1                                   | 0.1                                   | 21.1                                 | 1.60      | 29.9      | 10.4     |
| KGKRC123 | 49.00     | 50.00   | 9759                                  | 18860                   | 1868                                  | 5391                                  | 347                                   | 56.4                                  | 87.9                                  | 6.2                                   | 16.4                                  | 1.5                                   | 1.9                                   | 0.2                                   | 1.0                                   | 0.1                                   | 29.5                                 | 3.64      | 51.0      | 3.5      |
| KGKRC123 | 50.00     | 51.00   | 6245                                  | 12143                   | 1211                                  | 3418                                  | 227                                   | 36.6                                  | 55.3                                  | 3.8                                   | 9.1                                   | 1.0                                   | 1.9                                   | 0.1                                   | 1.1                                   | 0.1                                   | 21.5                                 | 2.34      | 27.8      | 8.5      |
| KGKRC123 | 51.00     | 52.00   | 9849                                  | 19118                   | 1894                                  | 5526                                  | 384                                   | 63.7                                  | 102.9                                 | 6.6                                   | 16.1                                  | 1.3                                   | 2.4                                   | 0.2                                   | 0.8                                   | 0.1                                   | 31.1                                 | 3.70      | 60.5      | 5.1      |
| KGKRC123 | 52.00     | 53.00   | 5646                                  | 11420                   | 1175                                  | 3463                                  | 250                                   | 43.0                                  | 70.8                                  | 5.4                                   | 14.2                                  | 1.5                                   | 2.3                                   | 0.3                                   | 1.5                                   | 0.2                                   | 31.9                                 | 2.21      | 58.8      | 5.9      |
| KGKRC123 | 53.00     | 54.00   | 4247                                  | 8851                    | 909                                   | 2753                                  | 209                                   | 38.9                                  | 69.5                                  | 6.0                                   | 17.5                                  | 1.6                                   | 3.1                                   | 0.3                                   | 1.6                                   | 0.2                                   | 38.9                                 | 1.71      | 72.4      | 6.7      |
| KGKRC123 | 54.00     | 55.00   | 11288                                 | 21583                   | 2110                                  | 6011                                  | 394                                   | 65.9                                  | 104.6                                 | 7.4                                   | 17.3                                  | 1.5                                   | 2.4                                   | 0.2                                   | 1.0                                   | -0.1                                  | 32.4                                 | 4.16      | 65.6      | 1.1      |
| KGKRC123 | 55.00     | 56.00   | 9488                                  | 18538                   | 1826                                  | 5222                                  | 362                                   | 58.5                                  | 94.3                                  | 6.0                                   | 14.6                                  | 1.4                                   | 2.5                                   | 0.2                                   | 0.8                                   | -0.1                                  | 29.5                                 | 3.56      | 52.3      | 2.1      |
| KGKRC123 | 56.00     | 57.00   | 7627                                  | 15126                   | 1551                                  | 4468                                  | 325                                   | 55.8                                  | 88.2                                  | 6.4                                   | 17.8                                  | 1.6                                   | 2.5                                   | 0.2                                   | 1.1                                   | 0.1                                   | 35.6                                 | 2.93      | 60.4      | 1.0      |
| KGKRC123 | 57.00     | 58.00   | 8248                                  | 16171                   | 1627                                  | 4637                                  | 342                                   | 60.1                                  | 95.6                                  | 6.7                                   | 17.1                                  | 1.7                                   | 3.7                                   | 0.3                                   | 1.5                                   | 0.2                                   | 40.1                                 | 3.13      | 60.0      | 0.5      |
| KGKRC123 | 58.00     | 59.00   | 7141                                  | 14509                   | 1501                                  | 4331                                  | 309                                   | 51.0                                  | 86.5                                  | 5.9                                   | 14.9                                  | 1.4                                   | 2.3                                   | 0.2                                   | 1.3                                   | 0.1                                   | 31.5                                 | 2.80      | 51.3      | 0.8      |
| KGKRC123 | 59.00     | 60.00   | 7491                                  | 14638                   | 1477                                  | 4332                                  | 318                                   | 54.8                                  | 96.1                                  | 6.9                                   | 17.8                                  | 2.0                                   | 3.0                                   | 0.3                                   | 1.7                                   | 0.2                                   | 41.1                                 | 2.85      | 72.3      | 0.8      |
| KGKRC123 | 60.00     | 61.00   | 7574                                  | 14788                   | 1509                                  | 4350                                  | 309                                   | 52.3                                  | 79.0                                  | 5.4                                   | 12.9                                  | 1.4                                   | 1.9                                   | 0.2                                   | 1.1                                   | 0.1                                   | 29.0                                 | 2.87      | 47.7      | 2.6      |
| KGKRC123 | 61.00     | 62.00   | 9267                                  | 18472                   | 1919                                  | 5597                                  | 397                                   | 63.2                                  | 101.8                                 | 6.8                                   | 18.0                                  | 1.7                                   | 2.4                                   | 0.2                                   | 1.2                                   | 0.2                                   | 36.6                                 | 3.59      | 61.0      | 1.0      |
| KGKRC123 | 62.00     | 63.00   | 11925                                 | 23764                   | 2454                                  | 7263                                  | 517                                   | 86.2                                  | 133.9                                 | 9.9                                   | 24.7                                  | 2.3                                   | 3.4                                   | 0.2                                   | 1.3                                   | 0.1                                   | 44.5                                 | 4.62      | 110.4     | 0.6      |
| KGKRC123 | 63.00     | 64.00   | 13197                                 | 25517                   | 2558                                  | 7529                                  | 513                                   | 82.7                                  | 125.6                                 | 8.7                                   | 19.2                                  | 2.0                                   | 2.6                                   | 0.3                                   | 1.3                                   | 0.2                                   | 39.8                                 | 4.96      | 74.6      | 1.0      |
| KGKRC123 | 64.00     | 65.00   | 5878                                  | 11291                   | 1120                                  | 3359                                  | 225                                   | 36.2                                  | 56.4                                  | 3.8                                   | 9.9                                   | 1.0                                   | 2.2                                   | 0.1                                   | 0.5                                   | 0.1                                   | 22.4                                 | 2.20      | 26.6      | 7.1      |
| KGKRC123 | 65.00     | 66.00   | 10245                                 | 19494                   | 1961                                  | 5964                                  | 407                                   | 63.6                                  | 108.6                                 | 7.2                                   | 15.2                                  | 1.6                                   | 2.1                                   | 0.2                                   | 1.0                                   | 0.2                                   | 32.4                                 | 3.83      | 51.5      | 3.3      |
| KGKRC123 | 66.00     | 67.00   | 4426                                  | 8977                    | 922                                   | 2906                                  | 239                                   | 39.7                                  | 72.8                                  | 5.1                                   | 14.8                                  | 1.7                                   | 3.8                                   | 0.2                                   | 2.2                                   | 0.2                                   | 42.2                                 | 1.77      | 44.0      | 9.2      |
| KGKRC123 | 67.00     | 68.00   | 4560                                  | 8967                    | 930                                   | 2873                                  | 231                                   | 39.7                                  | 69.7                                  | 5.3                                   | 15.8                                  | 1.8                                   | 3.4                                   | 0.3                                   | 1.4                                   | 0.2                                   | 40.6                                 | 1.77      | 32.2      | 9.1      |
| KGKRC123 | 68.00     | 69.00   | 4161                                  | 8002                    | 807                                   | 2450                                  | 186                                   | 32.7                                  | 63.2                                  | 5.1                                   | 16.1                                  | 2.1                                   | 3.5                                   | 0.5                                   | 1.9                                   | 0.2                                   | 49.0                                 | 1.58      | 28.1      | 10.7     |
| KGKRC123 | 69.00     | 70.00   | 16808                                 | 28432                   | 2635                                  | 7437                                  | 497                                   | 80.8                                  | 141.4                                 | 10.7                                  | 29.7                                  | 3.0                                   | 4.6                                   | 0.2                                   | 1.5                                   | 0.2                                   | 62.2                                 | 5.61      | 76.2      | 2.7      |
| KGKRC123 | 70.00     | 71.00   | 11067                                 | 18591                   | 1713                                  | 5021                                  | 306                                   | 48.1                                  | 84.0                                  | 6.2                                   | 17.9                                  | 2.0                                   | 2.9                                   | 0.2                                   | 1.1                                   | 0.1                                   | 38.4                                 | 3.69      | 34.3      | 1.7      |
| KGKRC123 | 71.00     | 72.00   | 5211                                  | 9734                    | 937                                   | 2722                                  | 184                                   | 29.6                                  | 50.3                                  | 3.7                                   | 9.4                                   | 1.2                                   | 1.8                                   | 0.2                                   | 0.8                                   | 0.2                                   | 24.8                                 | 1.89      | 23.1      | 8.3      |
| KGKRC123 | 72.00     | 73.00   | 7223                                  | 13954                   | 1406                                  | 4055                                  | 259                                   | 41.0                                  | 68.6                                  | 4.6                                   | 12.9                                  | 1.3                                   | 2.4                                   | 0.2                                   | 1.4                                   | 0.1                                   | 30.9                                 | 2.71      | 27.1      | 10.0     |
| KGKRC123 | 73.00     | 74.00   | 8452                                  | 16717                   | 1677                                  | 4993                                  | 322                                   | 48.6                                  | 77.7                                  | 5.2                                   | 12.5                                  | 1.3                                   | 1.7                                   | 0.2                                   | 0.8                                   | 0.1                                   | 25.5                                 | 3.23      | 32.4      | 7.1      |
| KGKRC123 | 74.00     | 75.00   | 6146                                  | 12216                   | 1241                                  | 3719                                  | 251                                   | 38.4                                  | 64.3                                  | 3.9                                   | 9.5                                   | 1.0                                   | 1.8                                   | 0.1                                   | 1.0                                   | -0.1                                  | 23.5                                 | 2.37      | 31.1      | 8.4      |
| KGKRC123 | 75.00     | 76.00   | 7644                                  | 14830                   | 1471                                  | 4325                                  | 264                                   | 41.3                                  | 64.4                                  | 4.4                                   | 9.6                                   | 1.2                                   | 2.3                                   | 0.1                                   | 0.9                                   | 0.1                                   | 25.0                                 | 2.87      | 29.7      | 5.3      |
| KGKRC123 | 76.00     | 77.00   | 7387                                  | 14443                   | 1413                                  | 4065                                  | 256                                   | 38.8                                  | 63.2                                  | 4.5                                   | 11.7                                  | 1.0                                   | 1.7                                   | 0.2                                   | 0.7                                   | 0.1                                   | 27.3                                 | 2.77      | 35.8      | 5.0      |
| KGKRC123 | 77.00     | 78.00   | 10472                                 | 21000                   | 2124                                  | 6335                                  | 392                                   | 60.2                                  | 100.1                                 | 7.1                                   | 18.0                                  | 1.5                                   | 2.1                                   | 0.2                                   | 0.8                                   | 0.1                                   | 33.9                                 | 4.05      | 57.9      | 4.1      |

| Hole ID  | From<br>m | To<br>m | La <sub>2</sub> O <sub>3</sub><br>ppm | CeO <sub>2</sub><br>ppm | Pr <sub>2</sub> O <sub>3</sub><br>ppm | Nd <sub>2</sub> O <sub>3</sub><br>ppm | Sm <sub>2</sub> O <sub>3</sub><br>ppm | Eu <sub>2</sub> O <sub>3</sub><br>ppm | Gd <sub>2</sub> O <sub>3</sub><br>ppm | Tb <sub>2</sub> O <sub>3</sub><br>ppm | Dy <sub>2</sub> O <sub>3</sub><br>ppm | Ho <sub>2</sub> O <sub>3</sub><br>ppm | Er <sub>2</sub> O <sub>3</sub><br>ppm | Tm <sub>2</sub> O <sub>3</sub><br>ppm | Yb <sub>2</sub> O <sub>3</sub><br>ppm | Lu <sub>2</sub> O <sub>3</sub><br>ppm | Y <sub>2</sub> O <sub>3</sub><br>ppm | TREO<br>% | Th<br>ppm | U<br>ppm |
|----------|-----------|---------|---------------------------------------|-------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|--------------------------------------|-----------|-----------|----------|
| KGKRC123 | 78.00     | 79.00   | 6145                                  | 12005                   | 1202                                  | 3531                                  | 227                                   | 35.6                                  | 61.6                                  | 4.2                                   | 11.9                                  | 1.4                                   | 1.7                                   | -0.1                                  | 0.8                                   | 0.1                                   | 27.1                                 | 2.33      | 40.3      | 8.0      |
| KGKRC123 | 79.00     | 80.00   | 5169                                  | 10315                   | 1044                                  | 3163                                  | 217                                   | 33.8                                  | 55.9                                  | 4.0                                   | 10.0                                  | 1.2                                   | 1.7                                   | 0.2                                   | 0.9                                   | 0.2                                   | 22.9                                 | 2.00      | 32.2      | 6.4      |
| KGKRC123 | 80.00     | 81.00   | 10931                                 | 20722                   | 2009                                  | 5772                                  | 361                                   | 57.8                                  | 98.7                                  | 6.8                                   | 16.5                                  | 1.7                                   | 2.3                                   | 0.2                                   | 1.2                                   | 0.1                                   | 33.7                                 | 4.00      | 54.2      | 3.3      |
| KGKRC123 | 81.00     | 82.00   | 5901                                  | 11584                   | 1147                                  | 3279                                  | 208                                   | 32.0                                  | 54.1                                  | 3.4                                   | 7.9                                   | 1.0                                   | 2.1                                   | 0.1                                   | 1.1                                   | 0.1                                   | 20.6                                 | 2.22      | 25.4      | 6.5      |
| KGKRC123 | 82.00     | 83.00   | 9061                                  | 17615                   | 1739                                  | 5106                                  | 314                                   | 46.7                                  | 78.2                                  | 5.2                                   | 12.3                                  | 1.6                                   | 2.7                                   | 0.2                                   | 1.5                                   | 0.2                                   | 32.1                                 | 3.40      | 37.4      | 3.7      |
| KGKRC123 | 83.00     | 84.00   | 11255                                 | 21636                   | 2137                                  | 6185                                  | 347                                   | 53.3                                  | 86.8                                  | 5.9                                   | 13.4                                  | 1.4                                   | 2.3                                   | 0.1                                   | 1.0                                   | 0.1                                   | 30.7                                 | 4.18      | 45.3      | 2.9      |
| KGKRC123 | 84.00     | 85.00   | 8043                                  | 15683                   | 1570                                  | 4574                                  | 284                                   | 43.7                                  | 70.3                                  | 4.7                                   | 10.2                                  | 1.2                                   | 1.8                                   | 0.2                                   | 1.0                                   | 0.2                                   | 25.1                                 | 3.03      | 31.6      | 6.2      |
| KGKRC123 | 85.00     | 86.00   | 7462                                  | 14444                   | 1436                                  | 4163                                  | 269                                   | 42.8                                  | 72.9                                  | 5.4                                   | 16.1                                  | 1.6                                   | 3.4                                   | 0.3                                   | 1.3                                   | 0.3                                   | 42.8                                 | 2.80      | 41.6      | 9.1      |
| KGKRC123 | 86.00     | 87.00   | 6369                                  | 12126                   | 1251                                  | 3695                                  | 282                                   | 49.8                                  | 98.9                                  | 8.1                                   | 23.2                                  | 2.5                                   | 4.6                                   | 0.5                                   | 3.4                                   | 0.5                                   | 61.3                                 | 2.40      | 101.4     | 6.5      |
| KGKRC123 | 87.00     | 88.00   | 4674                                  | 9421                    | 965                                   | 2929                                  | 220                                   | 35.6                                  | 70.1                                  | 6.1                                   | 19.1                                  | 1.6                                   | 2.6                                   | 0.2                                   | 1.0                                   | 0.1                                   | 37.5                                 | 1.84      | 70.0      | 4.5      |
| KGKRC123 | 88.00     | 89.00   | 5979                                  | 12188                   | 1243                                  | 3755                                  | 258                                   | 39.5                                  | 66.0                                  | 4.7                                   | 12.7                                  | 1.0                                   | 2.3                                   | 0.1                                   | 0.9                                   | 0.1                                   | 28.1                                 | 2.36      | 44.8      | 7.1      |
| KGKRC123 | 89.00     | 90.00   | 6597                                  | 13282                   | 1343                                  | 3986                                  | 264                                   | 40.1                                  | 72.2                                  | 4.7                                   | 11.4                                  | 1.3                                   | 2.2                                   | 0.3                                   | 1.0                                   | 0.1                                   | 26.4                                 | 2.56      | 36.7      | 8.3      |
| KGKRC123 | 90.00     | 91.00   | 5232                                  | 10521                   | 1090                                  | 3316                                  | 241                                   | 37.1                                  | 60.5                                  | 4.0                                   | 9.9                                   | 0.9                                   | 1.5                                   | 0.2                                   | 1.0                                   | 0.2                                   | 21.8                                 | 2.05      | 30.3      | 10.0     |
| KGKRC123 | 91.00     | 92.00   | 5456                                  | 10826                   | 1107                                  | 3264                                  | 226                                   | 36.6                                  | 59.8                                  | 4.2                                   | 10.4                                  | 1.2                                   | 1.9                                   | 0.1                                   | 0.9                                   | 0.2                                   | 23.9                                 | 2.10      | 36.3      | 9.5      |
| KGKRC123 | 92.00     | 93.00   | 7941                                  | 16215                   | 1659                                  | 5161                                  | 363                                   | 56.4                                  | 94.0                                  | 6.2                                   | 14.4                                  | 1.4                                   | 2.2                                   | 0.2                                   | 1.1                                   | 0.1                                   | 31.5                                 | 3.15      | 55.4      | 6.6      |
| KGKRC123 | 93.00     | 94.00   | 3543                                  | 7087                    | 716                                   | 2209                                  | 152                                   | 23.9                                  | 42.5                                  | 2.9                                   | 7.2                                   | 0.8                                   | 1.7                                   | 0.1                                   | 0.8                                   | 0.1                                   | 18.7                                 | 1.38      | 23.2      | 10.8     |
| KGKRC123 | 94.00     | 95.00   | 4088                                  | 8442                    | 893                                   | 2773                                  | 206                                   | 32.9                                  | 54.8                                  | 3.5                                   | 9.8                                   | 1.0                                   | 1.5                                   | 0.2                                   | 1.1                                   | 0.1                                   | 21.6                                 | 1.65      | 33.6      | 11.9     |
| KGKRC123 | 95.00     | 96.00   | 7352                                  | 13825                   | 1376                                  | 4065                                  | 289                                   | 47.4                                  | 80.6                                  | 5.8                                   | 15.7                                  | 1.6                                   | 2.6                                   | 0.1                                   | 1.2                                   | -0.1                                  | 34.2                                 | 2.71      | 47.9      | 7.9      |
| KGKRC123 | 96.00     | 97.00   | 3862                                  | 7492                    | 751                                   | 2253                                  | 162                                   | 26.1                                  | 46.4                                  | 3.3                                   | 9.6                                   | 0.9                                   | 1.9                                   | 0.1                                   | 0.9                                   | 0.2                                   | 22.9                                 | 1.46      | 29.2      | 10.7     |
| KGKRC123 | 97.00     | 98.00   | 4052                                  | 7953                    | 804                                   | 2421                                  | 176                                   | 27.9                                  | 48.5                                  | 3.4                                   | 9.1                                   | 1.0                                   | 1.7                                   | 0.2                                   | 1.2                                   | 0.1                                   | 22.4                                 | 1.55      | 25.1      | 9.8      |
| KGKRC123 | 98.00     | 99.00   | 3109                                  | 6216                    | 629                                   | 1887                                  | 137                                   | 22.2                                  | 40.6                                  | 3.1                                   | 9.3                                   | 1.0                                   | 1.7                                   | 0.1                                   | 0.8                                   | 0.2                                   | 24.5                                 | 1.21      | 23.7      | 10.4     |
| KGKRC123 | 99.00     | 100.00  | 3075                                  | 6165                    | 634                                   | 1986                                  | 160                                   | 26.6                                  | 51.5                                  | 4.4                                   | 12.2                                  | 1.5                                   | 2.5                                   | 0.1                                   | 1.1                                   | 0.1                                   | 36.1                                 | 1.22      | 44.6      | 10.5     |
| KGKRC123 | 100.00    | 101.00  | 4814                                  | 9547                    | 981                                   | 2960                                  | 202                                   | 32.7                                  | 55.3                                  | 4.7                                   | 13.4                                  | 1.7                                   | 2.6                                   | 0.2                                   | 1.2                                   | 0.2                                   | 39.4                                 | 1.87      | 26.6      | 5.9      |
| KGKRC123 | 101.00    | 102.00  | 5322                                  | 9264                    | 871                                   | 2442                                  | 160                                   | 24.2                                  | 43.0                                  | 3.5                                   | 8.8                                   | 0.9                                   | 1.9                                   | -0.1                                  | 0.8                                   | 0.1                                   | 26.2                                 | 1.82      | 23.5      | 9.1      |
| KGKRC123 | 102.00    | 103.00  | 3065                                  | 5725                    | 560                                   | 1693                                  | 133                                   | 25.6                                  | 52.1                                  | 4.7                                   | 14.7                                  | 1.7                                   | 2.5                                   | 0.3                                   | 1.7                                   | 0.3                                   | 36.8                                 | 1.13      | 56.7      | 16.6     |
| KGKRC123 | 103.00    | 104.00  | 1737                                  | 3101                    | 292                                   | 889                                   | 70                                    | 13.3                                  | 26.4                                  | 2.2                                   | 8.2                                   | 1.2                                   | 1.8                                   | 0.2                                   | 1.8                                   | 0.2                                   | 26.2                                 | 0.62      | 32.9      | 14.2     |
| KGKRC123 | 104.00    | 105.00  | 2790                                  | 4486                    | 398                                   | 1109                                  | 76                                    | 13.2                                  | 25.4                                  | 2.0                                   | 7.7                                   | 0.9                                   | 2.3                                   | 0.2                                   | 1.0                                   | 0.2                                   | 23.5                                 | 0.89      | 29.0      | 14.4     |
| KGKRC123 | 105.00    | 106.00  | 1522                                  | 2657                    | 252                                   | 736                                   | 56                                    | 10.0                                  | 18.3                                  | 1.4                                   | 5.6                                   | 0.8                                   | 2.1                                   | 0.2                                   | 1.3                                   | 0.3                                   | 22.5                                 | 0.53      | 20.1      | 11.9     |
| KGKRC123 | 106.00    | 107.00  | 6039                                  | 8770                    | 718                                   | 1806                                  | 101                                   | 16.4                                  | 28.6                                  | 2.6                                   | 8.2                                   | 0.9                                   | 1.3                                   | -0.1                                  | 1.0                                   | 0.1                                   | 23.0                                 | 1.75      | 17.4      | 4.4      |
| KGKRC123 | 107.00    | 108.00  | 4445                                  | 6954                    | 613                                   | 1701                                  | 119                                   | 21.1                                  | 40.7                                  | 3.5                                   | 10.3                                  | 1.3                                   | 3.0                                   | 0.2                                   | 2.1                                   | 0.3                                   | 34.0                                 | 1.39      | 30.6      | 13.3     |
| KGKRC123 | 108.00    | 109.00  | 1854                                  | 3317                    | 307                                   | 893                                   | 65                                    | 11.4                                  | 22.6                                  | 2.0                                   | 5.9                                   | 1.0                                   | 2.1                                   | 0.2                                   | 1.2                                   | 0.2                                   | 21.8                                 | 0.65      | 15.3      | 16.3     |
| KGKRC123 | 109.00    | 110.00  | 1919                                  | 3840                    | 390                                   | 1239                                  | 112                                   | 21.1                                  | 43.2                                  | 3.8                                   | 12.9                                  | 1.7                                   | 4.1                                   | 0.3                                   | 2.0                                   | 0.3                                   | 42.3                                 | 0.76      | 17.0      | 16.7     |
| KGKRC123 | 110.00    | 111.00  | 2832                                  | 5335                    | 527                                   | 1563                                  | 132                                   | 25.0                                  | 50.5                                  | 4.1                                   | 16.1                                  | 2.0                                   | 4.4                                   | 0.3                                   | 2.6                                   | 0.3                                   | 47.9                                 | 1.05      | 21.9      | 13.1     |
| KGKRC123 | 111.00    | 112.00  | 1486                                  | 3270                    | 354                                   | 1177                                  | 127                                   | 26.4                                  | 60.0                                  | 5.7                                   | 21.5                                  | 3.6                                   | 7.6                                   | 0.7                                   | 4.7                                   | 0.7                                   | 84.8                                 | 0.66      | 29.6      | 13.5     |
| KGKRC123 | 112.00    | 113.00  | 1775                                  | 3848                    | 420                                   | 1359                                  | 132                                   | 25.0                                  | 53.6                                  | 4.6                                   | 17.7                                  | 2.3                                   | 5.3                                   | 0.6                                   | 3.4                                   | 0.5                                   | 60.5                                 | 0.77      | 30.9      | 15.1     |
| KGKRC123 | 113.00    | 114.00  | 1060                                  | 2336                    | 248                                   | 804                                   | 78                                    | 16.1                                  | 34.4                                  | 3.3                                   | 12.7                                  | 1.7                                   | 4.5                                   | 0.5                                   | 2.8                                   | 0.3                                   | 45.3                                 | 0.46      | 25.0      | 14.7     |
| KGKRC123 | 114.00    | 115.00  | 3210                                  | 7396                    | 811                                   | 2649                                  | 236                                   | 42.5                                  | 78.1                                  | 6.2                                   | 19.5                                  | 2.4                                   | 5.4                                   | 0.6                                   | 3.8                                   | 0.6                                   | 67.2                                 | 1.45      | 61.5      | 10.3     |
| KGKRC123 | 115.00    | 116.00  | 11578                                 | 24132                   | 2489                                  | 7411                                  | 510                                   | 79.1                                  | 129.8                                 | 8.7                                   | 22.8                                  | 2.5                                   | 4.1                                   | 0.3                                   | 1.3                                   | 0.2                                   | 59.8                                 | 4.64      | 63.8      | 13.8     |
| KGKRC123 | 116.00    | 117.00  | 2799                                  | 5906                    | 602                                   | 1800                                  | 140                                   | 24.3                                  | 45.4                                  | 3.8                                   | 12.1                                  | 1.5                                   | 3.1                                   | 0.2                                   | 1.7                                   | 0.3                                   | 37.8                                 | 1.14      | 30.0      | 15.1     |
| KGKRC123 | 117.00    | 118.00  | 1752                                  | 3711                    | 382                                   | 1185                                  | 99                                    | 18.5                                  | 35.3                                  | 3.1                                   | 10.4                                  | 1.4                                   | 2.7                                   | 0.2                                   | 1.8                                   | 0.3                                   | 31.1                                 | 0.72      | 36.7      | 17.6     |
| KGKRC123 | 118.00    | 119.00  | 1491                                  | 2930                    | 290                                   | 866                                   | 67                                    | 12.5                                  | 25.2                                  | 2.1                                   | 6.4                                   | 0.8                                   | 1.8                                   | 0.2                                   | 1.2                                   | 0.2                                   | 22.6                                 | 0.57      | 30.7      | 15.1     |
| KGKRC123 | 119.00    | 120.00  | 4920                                  | 8379                    | 762                                   | 2115                                  | 139                                   | 22.8                                  | 42.1                                  | 3.1                                   | 7.8                                   | 0.9                                   | 1.9                                   | 0.1                                   | 1.2                                   | 0.1                                   | 22.5                                 | 1.64      | 27.6      | 13.8     |
| KGKRC123 | 120.00    | 121.00  | 7348                                  | 11737                   | 1033                                  | 2741                                  | 186                                   | 30.9                                  | 61.9                                  | 5.5                                   | 18.7                                  | 2.6                                   | 5.6                                   | 0.6                                   | 3.7                                   | 0.3                                   | 67.7                                 | 2.32      | 36.0      | 11.3     |
| KGKRC123 | 121.00    | 122.00  | 4076                                  | 7015                    | 648                                   | 1774                                  | 115                                   | 18.4                                  | 30.0                                  | 2.5                                   | 6.2                                   | 0.8                                   | 1.4                                   | 0.1                                   | 1.1                                   | 0.1                                   | 19.2                                 | 1.37      | 17.7      | 8.1      |
| KGKRC123 | 122.00    | 123.00  | 3337                                  | 6828                    | 698                                   | 2047                                  | 148                                   | 23.7                                  | 41.2                                  | 2.8                                   | 7.8                                   | 0.9                                   | 2.2                                   | 0.2                                   | 0.7                                   | 0.2                                   | 20.5                                 | 1.32      | 14.8      | 7.9      |

# LINDIAN

RESOURCES LTD.

| Hole ID  | From<br>m | To<br>m | La <sub>2</sub> O <sub>3</sub><br>ppm | CeO <sub>2</sub><br>ppm | Pr <sub>2</sub> O <sub>3</sub><br>ppm | Nd <sub>2</sub> O <sub>3</sub><br>ppm | Sm <sub>2</sub> O <sub>3</sub><br>ppm | Eu <sub>2</sub> O <sub>3</sub><br>ppm | Gd <sub>2</sub> O <sub>3</sub><br>ppm | Tb <sub>2</sub> O <sub>3</sub><br>ppm | Dy <sub>2</sub> O <sub>3</sub><br>ppm | Ho <sub>2</sub> O <sub>3</sub><br>ppm | Er <sub>2</sub> O <sub>3</sub><br>ppm | Tm <sub>2</sub> O <sub>3</sub><br>ppm | Yb <sub>2</sub> O <sub>3</sub><br>ppm | Lu <sub>2</sub> O <sub>3</sub><br>ppm | Y <sub>2</sub> O <sub>3</sub><br>ppm | TREO<br>% | Th<br>ppm | U<br>ppm |
|----------|-----------|---------|---------------------------------------|-------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|--------------------------------------|-----------|-----------|----------|
| KGKRC123 | 123.00    | 124.00  | 5464                                  | 9884                    | 952                                   | 2659                                  | 191                                   | 31.5                                  | 58.0                                  | 4.4                                   | 13.3                                  | 1.6                                   | 2.7                                   | 0.2                                   | 2.0                                   | 0.2                                   | 35.2                                 | 1.93      | 23.5      | 10.1     |
| KGKRC123 | 124.00    | 125.00  | 938                                   | 2153                    | 256                                   | 926                                   | 124                                   | 29.9                                  | 81.5                                  | 9.6                                   | 43.7                                  | 6.4                                   | 15.3                                  | 1.7                                   | 11.1                                  | 1.6                                   | 183.4                                | 0.48      | 73.5      | 18.9     |
| KGKRC123 | 125.00    | 126.00  | 2998                                  | 5747                    | 578                                   | 1767                                  | 167                                   | 32.3                                  | 70.6                                  | 7.4                                   | 32.1                                  | 4.7                                   | 9.7                                   | 0.9                                   | 6.3                                   | 0.9                                   | 123.7                                | 1.15      | 44.4      | 21.0     |
| KGKRC123 | 126.00    | 127.00  | 2926                                  | 6566                    | 724                                   | 2350                                  | 202                                   | 35.4                                  | 68.2                                  | 5.5                                   | 17.3                                  | 1.8                                   | 4.1                                   | 0.3                                   | 2.1                                   | 0.3                                   | 45.8                                 | 1.29      | 48.6      | 10.7     |
| KGKRC123 | 127.00    | 128.00  | 2817                                  | 6522                    | 746                                   | 2514                                  | 240                                   | 41.5                                  | 76.3                                  | 5.9                                   | 17.9                                  | 2.1                                   | 4.2                                   | 0.5                                   | 2.5                                   | 0.5                                   | 51.3                                 | 1.30      | 37.1      | 7.9      |
| KGKRC123 | 128.00    | 129.00  | 3038                                  | 6780                    | 750                                   | 2414                                  | 205                                   | 35.1                                  | 65.1                                  | 4.7                                   | 14.9                                  | 2.0                                   | 3.7                                   | 0.2                                   | 2.3                                   | 0.3                                   | 45.0                                 | 1.34      | 27.9      | 7.9      |
| KGKRC123 | 129.00    | 130.00  | 2600                                  | 5765                    | 635                                   | 2085                                  | 190                                   | 33.8                                  | 62.3                                  | 4.9                                   | 17.3                                  | 2.3                                   | 5.4                                   | 0.5                                   | 3.6                                   | 0.5                                   | 62.9                                 | 1.15      | 30.6      | 8.1      |
| KGKRC123 | 130.00    | 131.00  | 2691                                  | 6093                    | 677                                   | 2209                                  | 194                                   | 31.3                                  | 55.2                                  | 3.4                                   | 11.1                                  | 1.2                                   | 2.3                                   | 0.2                                   | 1.1                                   | 0.2                                   | 28.1                                 | 1.20      | 23.7      | 7.2      |
| KGKRC123 | 131.00    | 132.00  | 4479                                  | 9502                    | 1031                                  | 3209                                  | 264                                   | 41.9                                  | 69.7                                  | 4.4                                   | 9.9                                   | 1.0                                   | 1.7                                   | 0.1                                   | 1.0                                   | 0.1                                   | 21.3                                 | 1.86      | 32.9      | 7.5      |
| KGKRC123 | 132.00    | 133.00  | 3596                                  | 8284                    | 969                                   | 3215                                  | 309                                   | 51.2                                  | 88.4                                  | 5.7                                   | 13.2                                  | 1.4                                   | 2.2                                   | 0.2                                   | 1.0                                   | 0.1                                   | 29.8                                 | 1.66      | 45.2      | 5.7      |
| KGKRC123 | 133.00    | 134.00  | 4234                                  | 9869                    | 1137                                  | 3713                                  | 320                                   | 50.7                                  | 82.4                                  | 5.1                                   | 12.5                                  | 1.2                                   | 2.2                                   | 0.2                                   | 0.9                                   | 0.1                                   | 25.5                                 | 1.95      | 41.1      | 5.2      |
| KGKRC123 | 134.00    | 135.00  | 4790                                  | 10892                   | 1194                                  | 3836                                  | 310                                   | 48.1                                  | 80.2                                  | 4.8                                   | 11.8                                  | 1.2                                   | 1.9                                   | -0.1                                  | 1.1                                   | 0.1                                   | 23.9                                 | 2.12      | 41.1      | 7.1      |
| KGKRC123 | 135.00    | 136.00  | 2868                                  | 6342                    | 692                                   | 2225                                  | 202                                   | 34.4                                  | 68.0                                  | 5.7                                   | 20.7                                  | 3.0                                   | 6.6                                   | 0.7                                   | 4.2                                   | 0.5                                   | 77.6                                 | 1.26      | 32.2      | 8.8      |
| KGKRC123 | 136.00    | 137.00  | 3877                                  | 8284                    | 882                                   | 2725                                  | 218                                   | 35.9                                  | 61.3                                  | 4.2                                   | 11.6                                  | 1.4                                   | 2.5                                   | 0.2                                   | 1.2                                   | 0.1                                   | 30.6                                 | 1.61      | 28.3      | 8.4      |
| KGKRC123 | 137.00    | 138.00  | 3254                                  | 7482                    | 858                                   | 2775                                  | 248                                   | 40.5                                  | 70.6                                  | 4.6                                   | 12.4                                  | 1.3                                   | 2.4                                   | 0.2                                   | 0.8                                   | 0.1                                   | 28.6                                 | 1.48      | 36.4      | 7.2      |
| KGKRC123 | 138.00    | 139.00  | 3240                                  | 7740                    | 897                                   | 2998                                  | 282                                   | 49.4                                  | 88.1                                  | 5.8                                   | 16.8                                  | 1.7                                   | 3.5                                   | 0.3                                   | 1.2                                   | 0.3                                   | 40.9                                 | 1.54      | 47.8      | 4.6      |
| KGKRC123 | 139.00    | 140.00  | 3133                                  | 7081                    | 806                                   | 2602                                  | 248                                   | 42.6                                  | 79.8                                  | 5.4                                   | 17.5                                  | 1.8                                   | 3.7                                   | 0.3                                   | 1.8                                   | 0.3                                   | 45.3                                 | 1.41      | 46.6      | 6.7      |
| KGKRC123 | 140.00    | 141.00  | 3335                                  | 7379                    | 814                                   | 2604                                  | 249                                   | 45.5                                  | 86.0                                  | 6.5                                   | 20.9                                  | 2.5                                   | 4.4                                   | 0.6                                   | 2.4                                   | 0.5                                   | 62.9                                 | 1.46      | 53.6      | 6.7      |
| KGKRC123 | 141.00    | 142.00  | 2834                                  | 5970                    | 645                                   | 2091                                  | 202                                   | 39.8                                  | 77.4                                  | 6.5                                   | 24.6                                  | 3.0                                   | 6.9                                   | 0.7                                   | 4.4                                   | 0.6                                   | 79.0                                 | 1.20      | 54.5      | 8.3      |
| KGKRC123 | 142.00    | 143.00  | 2932                                  | 6685                    | 764                                   | 2515                                  | 251                                   | 46.0                                  | 96.5                                  | 8.8                                   | 28.4                                  | 2.8                                   | 5.0                                   | 0.6                                   | 3.5                                   | 0.5                                   | 69.2                                 | 1.34      | 87.8      | 10.3     |
| KGKRC123 | 143.00    | 144.00  | 3501                                  | 7587                    | 816                                   | 2642                                  | 240                                   | 42.8                                  | 84.8                                  | 6.5                                   | 21.8                                  | 2.6                                   | 5.7                                   | 0.7                                   | 3.3                                   | 0.6                                   | 70.4                                 | 1.50      | 46.6      | 11.6     |
| KGKRC123 | 144.00    | 145.00  | 3422                                  | 7483                    | 820                                   | 2672                                  | 253                                   | 45.4                                  | 88.6                                  | 6.8                                   | 25.0                                  | 3.1                                   | 7.2                                   | 0.7                                   | 3.6                                   | 0.5                                   | 84.1                                 | 1.49      | 54.0      | 9.1      |
| KGKRC123 | 145.00    | 146.00  | 3622                                  | 8064                    | 916                                   | 2921                                  | 261                                   | 45.6                                  | 83.7                                  | 6.2                                   | 18.8                                  | 2.4                                   | 4.9                                   | 4.2                                   | 2.6                                   | 0.5                                   | 62.1                                 | 1.60      | 48.2      | 7.9      |
| KGKRC123 | 146.00    | 147.00  | 3504                                  | 7996                    | 896                                   | 2884                                  | 265                                   | 46.2                                  | 84.4                                  | 6.2                                   | 19.1                                  | 2.1                                   | 3.9                                   | 0.3                                   | 1.8                                   | 0.2                                   | 47.4                                 | 1.58      | 53.4      | 6.6      |
| KGKRC123 | 147.00    | 148.00  | 3545                                  | 8306                    | 960                                   | 3113                                  | 298                                   | 53.2                                  | 95.1                                  | 7.5                                   | 21.5                                  | 2.8                                   | 4.2                                   | 0.5                                   | 2.4                                   | 0.3                                   | 57.0                                 | 1.65      | 69.8      | 8.7      |
| KGKRC123 | 148.00    | 149.00  | 3938                                  | 8824                    | 983                                   | 3175                                  | 290                                   | 50.7                                  | 93.5                                  | 6.7                                   | 21.2                                  | 2.4                                   | 4.2                                   | 0.3                                   | 3.2                                   | 0.3                                   | 58.8                                 | 1.75      | 51.3      | 8.1      |
| KGKRC123 | 149.00    | 150.00  | 3474                                  | 7854                    | 884                                   | 2846                                  | 260                                   | 45.7                                  | 83.3                                  | 6.1                                   | 18.1                                  | 2.1                                   | 4.0                                   | 0.5                                   | 2.2                                   | 0.3                                   | 49.8                                 | 1.55      | 43.5      | 9.2      |
| KGKRC124 | 0.00      | 1.00    | 13757                                 | 26876                   | 2687                                  | 7889                                  | 551                                   | 89.0                                  | 158.9                                 | 12.7                                  | 38.8                                  | 4.2                                   | 7.0                                   | 0.8                                   | 3.8                                   | 0.6                                   | 104.8                                | 5.22      | 131.0     | 16.7     |
| KGKRC124 | 1.00      | 2.00    | 13776                                 | 25260                   | 2381                                  | 6625                                  | 438                                   | 71.8                                  | 132.7                                 | 10.8                                  | 31.3                                  | 3.6                                   | 6.1                                   | 0.6                                   | 2.9                                   | 0.5                                   | 85.6                                 | 4.88      | 110.3     | 9.2      |
| KGKRC124 | 2.00      | 3.00    | 6651                                  | 11985                   | 1109                                  | 3027                                  | 188                                   | 30.3                                  | 56.6                                  | 4.8                                   | 15.4                                  | 1.8                                   | 3.2                                   | 0.2                                   | 0.9                                   | 0.1                                   | 41.4                                 | 2.31      | 50.6      | 10.6     |
| KGKRC124 | 3.00      | 4.00    | 2554                                  | 5125                    | 513                                   | 1522                                  | 113                                   | 19.2                                  | 37.6                                  | 4.1                                   | 14.2                                  | 1.5                                   | 2.7                                   | 0.1                                   | 1.5                                   | 0.2                                   | 40.6                                 | 0.99      | 61.4      | 22.3     |
| KGKRC124 | 4.00      | 5.00    | 5459                                  | 10957                   | 1109                                  | 3199                                  | 216                                   | 33.7                                  | 59.3                                  | 4.5                                   | 14.4                                  | 1.6                                   | 3.1                                   | 0.2                                   | 2.0                                   | 0.2                                   | 43.1                                 | 2.11      | 46.7      | 20.6     |
| KGKRC124 | 5.00      | 6.00    | 13409                                 | 25208                   | 2432                                  | 7010                                  | 466                                   | 74.1                                  | 126.7                                 | 8.9                                   | 24.0                                  | 2.4                                   | 3.7                                   | 0.3                                   | 2.0                                   | 0.3                                   | 57.8                                 | 4.88      | 112.3     | 4.6      |
| KGKRC124 | 6.00      | 7.00    | 8346                                  | 15608                   | 1543                                  | 4419                                  | 282                                   | 46.1                                  | 81.9                                  | 6.0                                   | 15.4                                  | 1.6                                   | 2.4                                   | 0.2                                   | 1.6                                   | 0.2                                   | 38.5                                 | 3.04      | 103.5     | 3.1      |
| KGKRC124 | 7.00      | 8.00    | 14812                                 | 29740                   | 3145                                  | 9630                                  | 632                                   | 93.4                                  | 159.1                                 | 11.1                                  | 29.3                                  | 2.6                                   | 5.3                                   | 0.5                                   | 2.6                                   | 0.3                                   | 72.3                                 | 5.83      | 126.9     | 4.2      |
| KGKRC124 | 8.00      | 9.00    | 2230                                  | 4561                    | 483                                   | 1476                                  | 112                                   | 18.5                                  | 32.0                                  | 2.6                                   | 8.6                                   | 0.9                                   | 1.9                                   | 0.2                                   | 1.2                                   | 0.1                                   | 24.6                                 | 0.90      | 36.1      | 9.2      |
| KGKRC124 | 9.00      | 10.00   | 10253                                 | 18099                   | 1707                                  | 4868                                  | 282                                   | 44.8                                  | 75.4                                  | 5.8                                   | 15.3                                  | 1.5                                   | 2.7                                   | 0.2                                   | 1.7                                   | 0.2                                   | 38.6                                 | 3.54      | 68.5      | 8.8      |
| KGKRC124 | 10.00     | 11.00   | 13526                                 | 24319                   | 2356                                  | 6821                                  | 411                                   | 63.5                                  | 109.1                                 | 8.6                                   | 21.8                                  | 2.3                                   | 3.2                                   | 0.2                                   | 1.8                                   | 0.1                                   | 49.9                                 | 4.77      | 88.4      | 2.0      |
| KGKRC124 | 11.00     | 12.00   | 17533                                 | 33581                   | 3483                                  | 10516                                 | 672                                   | 100.6                                 | 164.8                                 | 12.1                                  | 32.4                                  | 3.2                                   | 5.4                                   | 0.3                                   | 2.0                                   | 0.2                                   | 74.5                                 | 6.62      | 106.3     | 2.3      |
| KGKRC124 | 12.00     | 13.00   | 9531                                  | 17926                   | 1758                                  | 5222                                  | 307                                   | 46.2                                  | 79.1                                  | 6.1                                   | 17.3                                  | 2.0                                   | 3.3                                   | 0.2                                   | 1.5                                   | 0.2                                   | 45.3                                 | 3.49      | 54.9      | 3.0      |
| KGKRC124 | 13.00     | 14.00   | 5713                                  | 10510                   | 1035                                  | 2931                                  | 177                                   | 28.4                                  | 49.9                                  | 4.4                                   | 13.0                                  | 1.5                                   | 2.9                                   | 0.1                                   | 1.5                                   | 0.2                                   | 36.3                                 | 2.05      | 44.1      | 4.0      |
| KGKRC124 | 14.00     | 15.00   | 7430                                  | 13874                   | 1373                                  | 3915                                  | 237                                   | 36.7                                  | 68.2                                  | 6.4                                   | 17.3                                  | 1.8                                   | 2.9                                   | 0.2                                   | 1.3                                   | 0.2                                   | 42.3                                 | 2.70      | 67.4      | 2.8      |
| KGKRC124 | 15.00     | 16.00   | 17646                                 | 32932                   | 3313                                  | 9713                                  | 608                                   | 100.4                                 | 186.4                                 | 14.2                                  | 40.2                                  | 3.8                                   | 5.8                                   | 0.5                                   | 3.6                                   | 0.5                                   | 93.5                                 | 6.47      | 186.7     | 11.8     |
| KGKRC124 | 16.00     | 17.00   | 9507                                  | 18640                   | 1930                                  | 5854                                  | 379                                   | 62.9                                  | 117.9                                 | 11.2                                  | 37.9                                  | 4.4                                   | 7.3                                   | 0.6                                   | 3.7                                   | 0.6                                   | 104.8                                | 3.67      | 130.1     | 10.1     |
| KGKRC124 | 17.00     | 18.00   | 10541                                 | 20598                   | 2082                                  | 6234                                  | 357                                   | 53.7                                  | 86.1                                  | 6.2                                   | 18.0                                  | 1.7                                   | 3.5                                   | 0.2                                   | 1.2                                   | 0.2                                   | 43.3                                 | 4.00      | 48.4      | 8.8      |

| Hole ID  | From<br>m | To<br>m | La <sub>2</sub> O <sub>3</sub><br>ppm | CeO <sub>2</sub><br>ppm | Pr <sub>2</sub> O <sub>3</sub><br>ppm | Nd <sub>2</sub> O <sub>3</sub><br>ppm | Sm <sub>2</sub> O <sub>3</sub><br>ppm | Eu <sub>2</sub> O <sub>3</sub><br>ppm | Gd <sub>2</sub> O <sub>3</sub><br>ppm | Tb <sub>2</sub> O <sub>3</sub><br>ppm | Dy <sub>2</sub> O <sub>3</sub><br>ppm | Ho <sub>2</sub> O <sub>3</sub><br>ppm | Er <sub>2</sub> O <sub>3</sub><br>ppm | Tm <sub>2</sub> O <sub>3</sub><br>ppm | Yb <sub>2</sub> O <sub>3</sub><br>ppm | Lu <sub>2</sub> O <sub>3</sub><br>ppm | Y <sub>2</sub> O <sub>3</sub><br>ppm | TREO<br>% | Th<br>ppm | U<br>ppm |
|----------|-----------|---------|---------------------------------------|-------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|--------------------------------------|-----------|-----------|----------|
| KGKRC124 | 18.00     | 19.00   | 5885                                  | 10763                   | 1076                                  | 3072                                  | 190                                   | 30.1                                  | 56.8                                  | 5.2                                   | 15.5                                  | 1.7                                   | 2.5                                   | 0.2                                   | 1.2                                   | 0.1                                   | 42.9                                 | 2.11      | 57.7      | 10.6     |
| KGKRC124 | 19.00     | 20.00   | 9787                                  | 17981                   | 1755                                  | 5228                                  | 308                                   | 45.3                                  | 75.2                                  | 5.3                                   | 15.0                                  | 1.7                                   | 2.6                                   | 0.2                                   | 1.3                                   | 0.2                                   | 41.1                                 | 3.52      | 47.6      | 20.3     |
| KGKRC124 | 20.00     | 21.00   | 10269                                 | 17892                   | 1733                                  | 4876                                  | 291                                   | 46.2                                  | 77.6                                  | 6.4                                   | 19.7                                  | 2.2                                   | 3.8                                   | 0.2                                   | 1.9                                   | 0.2                                   | 53.6                                 | 3.53      | 63.7      | 5.3      |
| KGKRC124 | 21.00     | 22.00   | 7159                                  | 12944                   | 1245                                  | 3601                                  | 226                                   | 35.0                                  | 60.8                                  | 4.9                                   | 14.7                                  | 1.6                                   | 2.6                                   | 0.2                                   | 1.3                                   | 0.2                                   | 39.6                                 | 2.53      | 44.5      | 4.1      |
| KGKRC124 | 22.00     | 23.00   | 4227                                  | 8069                    | 806                                   | 2349                                  | 144                                   | 22.7                                  | 38.6                                  | 2.8                                   | 8.3                                   | 1.0                                   | 1.3                                   | 0.1                                   | 0.7                                   | -0.1                                  | 21.8                                 | 1.57      | 24.4      | 7.2      |
| KGKRC124 | 23.00     | 24.00   | 5511                                  | 10633                   | 1091                                  | 3196                                  | 204                                   | 30.8                                  | 55.1                                  | 4.1                                   | 11.5                                  | 1.2                                   | 1.7                                   | -0.1                                  | 0.8                                   | -0.1                                  | 29.2                                 | 2.08      | 40.4      | 5.4      |
| KGKRC124 | 24.00     | 25.00   | 6210                                  | 12374                   | 1295                                  | 3908                                  | 252                                   | 38.2                                  | 65.3                                  | 5.2                                   | 15.5                                  | 1.5                                   | 2.2                                   | 0.1                                   | 1.2                                   | 0.1                                   | 32.9                                 | 2.42      | 51.0      | 6.8      |
| KGKRC124 | 25.00     | 26.00   | 4455                                  | 8922                    | 948                                   | 2723                                  | 173                                   | 25.1                                  | 36.5                                  | 2.5                                   | 6.1                                   | 0.7                                   | 1.0                                   | 0.1                                   | 0.7                                   | -0.1                                  | 14.1                                 | 1.73      | 16.0      | 9.4      |
| KGKRC124 | 26.00     | 27.00   | 5102                                  | 9776                    | 998                                   | 2864                                  | 189                                   | 31.5                                  | 56.5                                  | 5.4                                   | 16.9                                  | 1.7                                   | 2.6                                   | 0.3                                   | 1.2                                   | 0.1                                   | 42.2                                 | 1.91      | 61.3      | 6.5      |
| KGKRC124 | 27.00     | 28.00   | 10577                                 | 18331                   | 1734                                  | 4767                                  | 286                                   | 45.5                                  | 77.0                                  | 6.1                                   | 16.9                                  | 1.8                                   | 2.7                                   | 0.2                                   | 1.2                                   | 0.2                                   | 46.4                                 | 3.59      | 58.0      | 5.9      |
| KGKRC124 | 28.00     | 29.00   | 10738                                 | 19078                   | 1821                                  | 4951                                  | 309                                   | 52.8                                  | 94.0                                  | 7.9                                   | 22.0                                  | 2.2                                   | 4.2                                   | 0.5                                   | 1.3                                   | 0.1                                   | 58.9                                 | 3.71      | 61.7      | 2.3      |
| KGKRC124 | 29.00     | 30.00   | NS                                    | NS                      | NS                                    | NS                                    | NS                                    | NS                                    | NS                                    | NS                                    | NS                                    | NS                                    | NS                                    | NS                                    | NS                                    | NS                                    | NS                                   | NS        | NS        | NS       |
| KGKRC124 | 30.00     | 31.00   | NS                                    | NS                      | NS                                    | NS                                    | NS                                    | NS                                    | NS                                    | NS                                    | NS                                    | NS                                    | NS                                    | NS                                    | NS                                    | NS                                    | NS                                   | NS        | NS        | NS       |
| KGKRC124 | 31.00     | 32.00   | NS                                    | NS                      | NS                                    | NS                                    | NS                                    | NS                                    | NS                                    | NS                                    | NS                                    | NS                                    | NS                                    | NS                                    | NS                                    | NS                                    | NS                                   | NS        | NS        | NS       |
| KGKRC124 | 32.00     | 33.00   | NS                                    | NS                      | NS                                    | NS                                    | NS                                    | NS                                    | NS                                    | NS                                    | NS                                    | NS                                    | NS                                    | NS                                    | NS                                    | NS                                    | NS                                   | NS        | NS        | NS       |
| KGKRC124 | 33.00     | 34.00   | 8547                                  | 17451                   | 1839                                  | 5471                                  | 403                                   | 68.7                                  | 126.4                                 | 10.7                                  | 31.9                                  | 3.4                                   | 5.7                                   | 0.6                                   | 2.3                                   | 0.3                                   | 95.4                                 | 3.41      | 127.0     | 2.0      |
| KGKRC124 | 34.00     | 35.00   | 8318                                  | 16003                   | 1682                                  | 4766                                  | 298                                   | 48.8                                  | 86.7                                  | 7.5                                   | 24.1                                  | 2.8                                   | 6.0                                   | 0.6                                   | 2.7                                   | 0.5                                   | 85.5                                 | 3.13      | 76.8      | 3.8      |
| KGKRC124 | 35.00     | 36.00   | 5321                                  | 10205                   | 1029                                  | 2906                                  | 185                                   | 31.2                                  | 60.7                                  | 5.7                                   | 17.0                                  | 2.0                                   | 3.4                                   | 0.3                                   | 2.5                                   | 0.3                                   | 56.4                                 | 1.98      | 62.1      | 8.0      |
| KGKRC124 | 36.00     | 37.00   | 5198                                  | 10245                   | 1062                                  | 3113                                  | 216                                   | 37.2                                  | 66.6                                  | 5.5                                   | 17.6                                  | 2.0                                   | 3.1                                   | 0.3                                   | 2.1                                   | 0.2                                   | 48.8                                 | 2.00      | 59.7      | 4.5      |
| KGKRC124 | 37.00     | 38.00   | 5082                                  | 9805                    | 1003                                  | 2842                                  | 199                                   | 34.5                                  | 61.2                                  | 5.9                                   | 17.9                                  | 1.6                                   | 2.5                                   | 0.2                                   | 0.6                                   | 0.1                                   | 38.6                                 | 1.91      | 58.1      | 4.6      |
| KGKRC124 | 38.00     | 39.00   | 8557                                  | 15818                   | 1587                                  | 4444                                  | 298                                   | 49.4                                  | 90.9                                  | 7.7                                   | 21.7                                  | 2.1                                   | 3.1                                   | 0.2                                   | 1.2                                   | 0.1                                   | 51.6                                 | 3.09      | 84.8      | 4.4      |
| KGKRC124 | 39.00     | 40.00   | 5171                                  | 11464                   | 1317                                  | 4070                                  | 346                                   | 59.1                                  | 102.0                                 | 8.0                                   | 22.2                                  | 2.2                                   | 3.1                                   | 0.3                                   | 1.4                                   | 0.2                                   | 53.3                                 | 2.26      | 95.2      | 2.5      |
| KGKRC124 | 40.00     | 41.00   | 3734                                  | 8462                    | 956                                   | 2994                                  | 244                                   | 41.5                                  | 74.4                                  | 5.2                                   | 13.7                                  | 1.4                                   | 2.2                                   | 0.2                                   | 0.9                                   | 0.2                                   | 38.1                                 | 1.66      | 70.9      | 2.0      |
| KGKRC124 | 41.00     | 42.00   | 10314                                 | 18604                   | 1831                                  | 5122                                  | 327                                   | 55.6                                  | 98.8                                  | 8.6                                   | 22.4                                  | 2.3                                   | 4.1                                   | 0.3                                   | 2.4                                   | 0.2                                   | 69.0                                 | 3.65      | 80.5      | 2.4      |
| KGKRC124 | 42.00     | 43.00   | 10981                                 | 20169                   | 2001                                  | 5622                                  | 363                                   | 60.4                                  | 105.7                                 | 9.2                                   | 25.8                                  | 2.6                                   | 4.9                                   | 0.5                                   | 2.2                                   | 0.3                                   | 77.1                                 | 3.94      | 94.9      | 1.8      |
| KGKRC124 | 43.00     | 44.00   | NS                                    | NS                      | NS                                    | NS                                    | NS                                    | NS                                    | NS                                    | NS                                    | NS                                    | NS                                    | NS                                    | NS                                    | NS                                    | NS                                    | NS                                   | NS        | NS        | NS       |
| KGKRC124 | 44.00     | 45.00   | 13348                                 | 24673                   | 2407                                  | 6770                                  | 439                                   | 74.2                                  | 132.3                                 | 11.3                                  | 32.0                                  | 3.3                                   | 5.6                                   | 0.6                                   | 2.6                                   | 0.2                                   | 89.5                                 | 4.80      | 108.6     | 4.4      |
| KGKRC124 | 45.00     | 46.00   | 10564                                 | 19082                   | 1836                                  | 5089                                  | 333                                   | 55.6                                  | 99.8                                  | 8.5                                   | 25.5                                  | 2.6                                   | 4.9                                   | 0.5                                   | 2.5                                   | 0.2                                   | 82.4                                 | 3.72      | 92.2      | 1.8      |
| KGKRC124 | 46.00     | 47.00   | 10092                                 | 19126                   | 1892                                  | 5337                                  | 320                                   | 53.0                                  | 92.4                                  | 8.8                                   | 25.8                                  | 2.8                                   | 5.6                                   | 0.5                                   | 2.7                                   | 0.3                                   | 82.4                                 | 3.70      | 88.4      | 2.7      |
| KGKRC124 | 47.00     | 48.00   | 9982                                  | 18835                   | 1903                                  | 5398                                  | 346                                   | 53.2                                  | 84.4                                  | 6.1                                   | 15.6                                  | 1.6                                   | 3.9                                   | 0.5                                   | 2.8                                   | 0.3                                   | 48.0                                 | 3.67      | 43.8      | 3.3      |
| KGKRC124 | 48.00     | 49.00   | 8547                                  | 16626                   | 1669                                  | 4768                                  | 298                                   | 47.9                                  | 83.5                                  | 7.1                                   | 20.7                                  | 2.3                                   | 5.0                                   | 0.6                                   | 3.6                                   | 0.5                                   | 76.1                                 | 3.22      | 66.4      | 2.8      |
| KGKRC124 | 49.00     | 50.00   | 8766                                  | 16708                   | 1747                                  | 5047                                  | 323                                   | 51.4                                  | 90.6                                  | 7.5                                   | 21.5                                  | 2.5                                   | 5.3                                   | 0.6                                   | 3.4                                   | 0.5                                   | 82.4                                 | 3.29      | 76.1      | 2.6      |
| KGKRC124 | 50.00     | 51.00   | 11686                                 | 21172                   | 2110                                  | 5851                                  | 367                                   | 57.2                                  | 96.2                                  | 8.1                                   | 26.1                                  | 3.3                                   | 7.2                                   | 0.8                                   | 5.0                                   | 0.5                                   | 113.0                                | 4.15      | 68.0      | 4.4      |
| KGKRC124 | 51.00     | 52.00   | 15302                                 | 28071                   | 2789                                  | 7910                                  | 507                                   | 79.6                                  | 128.7                                 | 9.9                                   | 25.0                                  | 3.0                                   | 5.2                                   | 0.5                                   | 2.1                                   | 0.2                                   | 82.0                                 | 5.49      | 94.0      | 3.8      |
| KGKRC124 | 52.00     | 53.00   | 3235                                  | 6188                    | 627                                   | 1763                                  | 122                                   | 21.3                                  | 44.6                                  | 5.2                                   | 17.6                                  | 1.6                                   | 2.4                                   | 0.2                                   | 1.0                                   | 0.1                                   | 42.7                                 | 1.21      | 70.1      | 3.4      |
| KGKRC124 | 53.00     | 54.00   | 5765                                  | 11269                   | 1162                                  | 3300                                  | 214                                   | 35.2                                  | 64.6                                  | 6.0                                   | 18.1                                  | 1.6                                   | 2.7                                   | 0.2                                   | 1.8                                   | 0.2                                   | 47.2                                 | 2.19      | 60.5      | 2.7      |
| KGKRC124 | 54.00     | 55.00   | 8857                                  | 17012                   | 1748                                  | 4996                                  | 325                                   | 53.2                                  | 87.1                                  | 7.7                                   | 21.2                                  | 2.3                                   | 4.7                                   | 0.5                                   | 2.6                                   | 0.2                                   | 61.1                                 | 3.32      | 74.5      | 3.0      |
| KGKRC124 | 55.00     | 56.00   | 11015                                 | 21002                   | 2097                                  | 5920                                  | 370                                   | 58.4                                  | 102.2                                 | 7.7                                   | 22.2                                  | 2.5                                   | 4.8                                   | 0.6                                   | 2.7                                   | 0.3                                   | 79.9                                 | 4.07      | 75.1      | 2.6      |
| KGKRC124 | 56.00     | 57.00   | 6185                                  | 12247                   | 1278                                  | 3681                                  | 238                                   | 36.6                                  | 60.5                                  | 4.7                                   | 14.4                                  | 1.6                                   | 3.1                                   | 0.3                                   | 1.6                                   | 0.2                                   | 44.2                                 | 2.38      | 38.0      | 7.1      |
| KGKRC124 | 57.00     | 58.00   | 3831                                  | 7536                    | 772                                   | 2242                                  | 147                                   | 24.4                                  | 38.1                                  | 3.1                                   | 9.3                                   | 1.2                                   | 2.2                                   | 0.2                                   | 1.2                                   | 0.2                                   | 29.2                                 | 1.46      | 23.3      | 8.2      |
| KGKRC124 | 58.00     | 59.00   | 5210                                  | 10487                   | 1124                                  | 3227                                  | 215                                   | 32.7                                  | 53.1                                  | 3.8                                   | 9.9                                   | 1.2                                   | 2.3                                   | 0.3                                   | 1.3                                   | 0.2                                   | 32.4                                 | 2.04      | 29.3      | 4.8      |
| KGKRC124 | 59.00     | 60.00   | 7548                                  | 15192                   | 1584                                  | 4587                                  | 285                                   | 43.1                                  | 71.0                                  | 5.7                                   | 13.8                                  | 1.4                                   | 2.7                                   | 0.3                                   | 1.2                                   | 0.2                                   | 36.6                                 | 2.94      | 50.5      | 2.3      |
| KGKRC124 | 60.00     | 61.00   | 5736                                  | 11559                   | 1225                                  | 3594                                  | 238                                   | 35.3                                  | 53.8                                  | 3.8                                   | 9.6                                   | 1.0                                   | 1.7                                   | 0.1                                   | 1.1                                   | -0.1                                  | 22.7                                 | 2.25      | 29.7      | 4.1      |
| KGKRC124 | 61.00     | 62.00   | 6429                                  | 12854                   | 1312                                  | 3729                                  | 238                                   | 38.9                                  | 66.2                                  | 6.1                                   | 16.6                                  | 1.7                                   | 2.9                                   | 0.3                                   | 1.8                                   | 0.1                                   | 41.4                                 | 2.47      | 68.4      | 3.1      |
| KGKRC124 | 62.00     | 63.00   | 10903                                 | 22092                   | 2305                                  | 6596                                  | 422                                   | 66.2                                  | 113.6                                 | 7.7                                   | 20.3                                  | 2.2                                   | 4.0                                   | 0.3                                   | 2.9                                   | 0.3                                   | 64.9                                 | 4.26      | 69.7      | 2.2      |

| Hole ID  | From<br>m | To<br>m | La <sub>2</sub> O <sub>3</sub><br>ppm | CeO <sub>2</sub><br>ppm | Pr <sub>2</sub> O <sub>3</sub><br>ppm | Nd <sub>2</sub> O <sub>3</sub><br>ppm | Sm <sub>2</sub> O <sub>3</sub><br>ppm | Eu <sub>2</sub> O <sub>3</sub><br>ppm | Gd <sub>2</sub> O <sub>3</sub><br>ppm | Tb <sub>2</sub> O <sub>3</sub><br>ppm | Dy <sub>2</sub> O <sub>3</sub><br>ppm | Ho <sub>2</sub> O <sub>3</sub><br>ppm | Er <sub>2</sub> O <sub>3</sub><br>ppm | Tm <sub>2</sub> O <sub>3</sub><br>ppm | Yb <sub>2</sub> O <sub>3</sub><br>ppm | Lu <sub>2</sub> O <sub>3</sub><br>ppm | Y <sub>2</sub> O <sub>3</sub><br>ppm | TREO<br>% | Th<br>ppm | U<br>ppm |
|----------|-----------|---------|---------------------------------------|-------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|--------------------------------------|-----------|-----------|----------|
| KGKRC124 | 63.00     | 64.00   | 8065                                  | 16767                   | 1768                                  | 5284                                  | 359                                   | 56.7                                  | 91.5                                  | 6.6                                   | 16.0                                  | 2.0                                   | 3.2                                   | 0.3                                   | 1.9                                   | 0.3                                   | 50.0                                 | 3.25      | 58.3      | 2.9      |
| KGKRC124 | 64.00     | 65.00   | 5189                                  | 10765                   | 1134                                  | 3371                                  | 245                                   | 38.9                                  | 61.7                                  | 4.4                                   | 12.5                                  | 1.5                                   | 3.1                                   | 0.5                                   | 1.9                                   | 0.3                                   | 44.8                                 | 2.09      | 36.5      | 7.2      |
| KGKRC124 | 65.00     | 66.00   | 2769                                  | 5553                    | 581                                   | 1702                                  | 123                                   | 20.0                                  | 36.5                                  | 3.1                                   | 9.3                                   | 0.9                                   | 1.3                                   | 0.1                                   | 1.1                                   | -0.1                                  | 23.2                                 | 1.08      | 25.5      | 11.9     |
| KGKRC124 | 66.00     | 67.00   | 5486                                  | 10610                   | 1087                                  | 3098                                  | 206                                   | 32.8                                  | 54.8                                  | 4.1                                   | 10.3                                  | 1.0                                   | 1.8                                   | 0.2                                   | 1.4                                   | 0.1                                   | 29.1                                 | 2.06      | 33.9      | 9.7      |
| KGKRC124 | 67.00     | 68.00   | 5415                                  | 10752                   | 1081                                  | 3033                                  | 191                                   | 31.2                                  | 54.1                                  | 4.6                                   | 11.9                                  | 1.3                                   | 1.9                                   | 0.2                                   | 0.9                                   | 0.2                                   | 33.0                                 | 2.06      | 43.1      | 8.3      |
| KGKRC124 | 68.00     | 69.00   | 4198                                  | 8403                    | 875                                   | 2486                                  | 173                                   | 29.6                                  | 51.2                                  | 4.2                                   | 11.6                                  | 1.0                                   | 2.2                                   | 0.2                                   | 1.2                                   | 0.2                                   | 33.8                                 | 1.63      | 40.6      | 6.2      |
| KGKRC124 | 69.00     | 70.00   | 4713                                  | 9257                    | 982                                   | 2823                                  | 209                                   | 35.8                                  | 61.1                                  | 4.8                                   | 12.3                                  | 1.3                                   | 1.9                                   | 0.2                                   | 1.2                                   | 0.2                                   | 32.3                                 | 1.81      | 52.9      | 7.2      |
| KGKRC124 | 70.00     | 71.00   | 3206                                  | 6414                    | 669                                   | 1977                                  | 153                                   | 27.2                                  | 49.8                                  | 4.7                                   | 14.6                                  | 1.6                                   | 3.3                                   | 0.5                                   | 2.5                                   | 0.2                                   | 46.4                                 | 1.26      | 46.2      | 9.5      |
| KGKRC124 | 71.00     | 72.00   | 7507                                  | 14205                   | 1456                                  | 4225                                  | 296                                   | 48.4                                  | 80.8                                  | 5.5                                   | 14.2                                  | 1.4                                   | 2.5                                   | 0.2                                   | 1.6                                   | 0.2                                   | 37.8                                 | 2.79      | 45.0      | 4.8      |
| KGKRC124 | 72.00     | 73.00   | 6597                                  | 12510                   | 1303                                  | 3749                                  | 263                                   | 43.1                                  | 72.2                                  | 5.4                                   | 15.3                                  | 1.6                                   | 2.9                                   | 0.3                                   | 2.0                                   | 0.3                                   | 51.1                                 | 2.46      | 46.3      | 4.4      |
| KGKRC124 | 73.00     | 74.00   | 6619                                  | 12650                   | 1320                                  | 3844                                  | 273                                   | 43.8                                  | 71.8                                  | 4.9                                   | 12.2                                  | 1.2                                   | 2.1                                   | 0.2                                   | 1.1                                   | 0.2                                   | 29.7                                 | 2.49      | 35.0      | 5.7      |
| KGKRC124 | 74.00     | 75.00   | 5563                                  | 10372                   | 1081                                  | 3107                                  | 223                                   | 37.4                                  | 58.6                                  | 4.6                                   | 12.1                                  | 1.2                                   | 2.4                                   | 0.3                                   | 1.4                                   | 0.2                                   | 35.7                                 | 2.05      | 37.7      | 6.3      |
| KGKRC124 | 75.00     | 76.00   | 2371                                  | 4676                    | 479                                   | 1405                                  | 102                                   | 17.5                                  | 29.2                                  | 2.8                                   | 10.7                                  | 1.0                                   | 2.2                                   | 0.1                                   | 1.8                                   | 0.2                                   | 35.3                                 | 0.91      | 26.5      | 9.1      |
| KGKRC124 | 76.00     | 77.00   | 7823                                  | 15618                   | 1615                                  | 4642                                  | 321                                   | 56.9                                  | 103.8                                 | 9.8                                   | 28.0                                  | 3.3                                   | 7.0                                   | 0.6                                   | 2.9                                   | 0.5                                   | 102.6                                | 3.03      | 113.6     | 2.8      |
| KGKRC124 | 77.00     | 78.00   | 4901                                  | 9623                    | 1010                                  | 2915                                  | 207                                   | 33.8                                  | 56.8                                  | 4.7                                   | 13.9                                  | 1.4                                   | 2.7                                   | 0.3                                   | 1.0                                   | 0.2                                   | 38.4                                 | 1.88      | 41.9      | 11.7     |
| KGKRC124 | 78.00     | 79.00   | 10702                                 | 19578                   | 1965                                  | 5502                                  | 363                                   | 60.3                                  | 95.9                                  | 6.9                                   | 18.6                                  | 2.2                                   | 4.1                                   | 0.5                                   | 2.1                                   | 0.2                                   | 59.2                                 | 3.84      | 45.5      | 3.4      |
| KGKRC124 | 79.00     | 80.00   | 14247                                 | 26616                   | 2693                                  | 7727                                  | 544                                   | 91.0                                  | 149.6                                 | 10.5                                  | 24.5                                  | 2.2                                   | 3.8                                   | 0.5                                   | 1.7                                   | 0.2                                   | 60.6                                 | 5.22      | 110.1     | 1.0      |
| KGKRC124 | 80.00     | 81.00   | 9680                                  | 19679                   | 2222                                  | 7012                                  | 549                                   | 94.7                                  | 180.9                                 | 16.1                                  | 39.4                                  | 3.1                                   | 4.7                                   | 0.3                                   | 1.9                                   | 0.2                                   | 79.6                                 | 3.96      | 292.4     | 1.9      |
| KGKRC124 | 81.00     | 82.00   | 10553                                 | 19578                   | 1970                                  | 5631                                  | 407                                   | 70.1                                  | 124.5                                 | 10.4                                  | 30.9                                  | 3.7                                   | 6.1                                   | 0.6                                   | 3.9                                   | 0.5                                   | 103.6                                | 3.85      | 102.1     | 1.5      |
| KGKRC124 | 82.00     | 83.00   | 16028                                 | 29360                   | 2887                                  | 8200                                  | 535                                   | 88.6                                  | 148.7                                 | 10.9                                  | 29.6                                  | 3.4                                   | 5.6                                   | 0.5                                   | 3.4                                   | 0.5                                   | 90.0                                 | 5.74      | 88.6      | 1.1      |
| KGKRC124 | 83.00     | 84.00   | 12686                                 | 23241                   | 2297                                  | 6577                                  | 443                                   | 76.9                                  | 132.4                                 | 10.4                                  | 27.4                                  | 2.8                                   | 4.9                                   | 0.6                                   | 1.5                                   | 0.2                                   | 78.0                                 | 4.56      | 91.1      | 1.2      |
| KGKRC124 | 84.00     | 85.00   | 7830                                  | 15706                   | 1644                                  | 4623                                  | 319                                   | 55.8                                  | 97.1                                  | 7.8                                   | 21.4                                  | 2.4                                   | 4.9                                   | 0.6                                   | 2.6                                   | 0.3                                   | 69.2                                 | 3.04      | 95.4      | 1.0      |
| KGKRC124 | 85.00     | 86.00   | 8545                                  | 17393                   | 1858                                  | 5531                                  | 431                                   | 72.7                                  | 132.2                                 | 10.0                                  | 31.0                                  | 3.0                                   | 6.0                                   | 0.6                                   | 2.8                                   | 0.3                                   | 89.7                                 | 3.41      | 111.9     | 1.2      |
| KGKRC124 | 86.00     | 87.00   | 10117                                 | 19123                   | 1937                                  | 5568                                  | 393                                   | 65.5                                  | 116.0                                 | 8.8                                   | 25.3                                  | 2.4                                   | 4.5                                   | 0.5                                   | 2.7                                   | 0.3                                   | 63.4                                 | 3.74      | 86.6      | 1.2      |
| KGKRC124 | 87.00     | 88.00   | 7195                                  | 13810                   | 1414                                  | 3985                                  | 306                                   | 52.1                                  | 93.3                                  | 7.9                                   | 20.3                                  | 2.0                                   | 4.1                                   | 0.3                                   | 2.4                                   | 0.3                                   | 54.0                                 | 2.69      | 82.9      | 1.0      |
| KGKRC124 | 88.00     | 89.00   | 14252                                 | 26416                   | 2622                                  | 7475                                  | 492                                   | 81.2                                  | 140.1                                 | 10.5                                  | 25.1                                  | 2.6                                   | 3.9                                   | 0.5                                   | 2.1                                   | 0.2                                   | 64.3                                 | 5.16      | 89.2      | 1.7      |
| KGKRC124 | 89.00     | 90.00   | 11436                                 | 21194                   | 2118                                  | 6024                                  | 423                                   | 72.8                                  | 124.4                                 | 9.6                                   | 27.3                                  | 2.8                                   | 4.6                                   | 0.3                                   | 2.3                                   | 0.3                                   | 69.7                                 | 4.15      | 81.0      | 1.4      |
| KGKRC124 | 90.00     | 91.00   | 8917                                  | 17618                   | 1825                                  | 5365                                  | 388                                   | 68.9                                  | 116.2                                 | 8.8                                   | 22.5                                  | 2.2                                   | 3.3                                   | 0.2                                   | 1.3                                   | 0.2                                   | 53.3                                 | 3.44      | 101.1     | 1.2      |
| KGKRC124 | 91.00     | 92.00   | 7449                                  | 13669                   | 1381                                  | 3873                                  | 294                                   | 52.2                                  | 96.0                                  | 7.2                                   | 17.5                                  | 1.8                                   | 3.1                                   | 0.3                                   | 1.1                                   | 0.1                                   | 44.8                                 | 2.69      | 83.3      | 2.0      |
| KGKRC124 | 92.00     | 93.00   | 7150                                  | 14974                   | 1637                                  | 5129                                  | 424                                   | 73.3                                  | 128.5                                 | 9.1                                   | 23.9                                  | 2.3                                   | 4.4                                   | 0.3                                   | 1.9                                   | 0.2                                   | 61.1                                 | 2.96      | 95.6      | 5.0      |
| KGKRC124 | 93.00     | 94.00   | 3848                                  | 9507                    | 1155                                  | 3816                                  | 361                                   | 62.3                                  | 104.9                                 | 7.2                                   | 19.2                                  | 1.7                                   | 3.2                                   | 0.3                                   | 1.8                                   | 0.2                                   | 48.5                                 | 1.89      | 90.7      | 3.3      |
| KGKRC124 | 94.00     | 95.00   | 2939                                  | 5643                    | 579                                   | 1700                                  | 135                                   | 24.8                                  | 51.1                                  | 4.7                                   | 15.5                                  | 1.6                                   | 2.5                                   | 0.3                                   | 1.4                                   | 0.2                                   | 38.5                                 | 1.11      | 55.3      | 7.9      |
| KGKRC124 | 95.00     | 96.00   | 4207                                  | 8899                    | 977                                   | 2997                                  | 229                                   | 40.8                                  | 73.8                                  | 6.0                                   | 16.9                                  | 1.6                                   | 2.5                                   | 0.2                                   | 1.3                                   | 0.2                                   | 39.6                                 | 1.75      | 57.4      | 6.3      |
| KGKRC124 | 96.00     | 97.00   | 3520                                  | 7288                    | 780                                   | 2309                                  | 169                                   | 29.0                                  | 50.1                                  | 3.8                                   | 10.7                                  | 1.0                                   | 2.1                                   | 0.2                                   | 1.4                                   | 0.1                                   | 26.8                                 | 1.42      | 31.2      | 9.7      |
| KGKRC124 | 97.00     | 98.00   | 2461                                  | 5292                    | 592                                   | 1811                                  | 156                                   | 28.1                                  | 50.1                                  | 4.0                                   | 11.5                                  | 1.2                                   | 2.4                                   | 0.3                                   | 1.5                                   | 0.2                                   | 31.6                                 | 1.04      | 38.5      | 8.9      |
| KGKRC124 | 98.00     | 99.00   | 3125                                  | 6650                    | 726                                   | 2251                                  | 186                                   | 31.4                                  | 57.7                                  | 4.5                                   | 13.3                                  | 1.3                                   | 1.9                                   | 0.2                                   | 2.0                                   | 0.1                                   | 32.9                                 | 1.31      | 51.8      | 6.1      |
| KGKRC124 | 99.00     | 100.00  | 4093                                  | 8107                    | 828                                   | 2416                                  | 181                                   | 32.1                                  | 56.3                                  | 4.9                                   | 13.5                                  | 1.3                                   | 1.9                                   | 0.2                                   | 1.3                                   | 0.1                                   | 34.4                                 | 1.58      | 47.2      | 7.3      |
| KGKRC124 | 100.00    | 101.00  | 3657                                  | 7358                    | 772                                   | 2210                                  | 160                                   | 29.0                                  | 49.1                                  | 4.7                                   | 13.2                                  | 1.3                                   | 2.3                                   | 0.2                                   | 1.5                                   | 0.2                                   | 34.5                                 | 1.43      | 46.3      | 8.5      |
| KGKRC124 | 101.00    | 102.00  | 3118                                  | 6400                    | 680                                   | 2027                                  | 167                                   | 33.1                                  | 60.2                                  | 5.7                                   | 17.9                                  | 1.8                                   | 3.3                                   | 0.5                                   | 2.1                                   | 0.3                                   | 52.6                                 | 1.26      | 54.6      | 9.5      |
| KGKRC124 | 102.00    | 103.00  | 3033                                  | 6072                    | 627                                   | 1874                                  | 163                                   | 34.4                                  | 74.6                                  | 7.3                                   | 21.6                                  | 2.0                                   | 3.9                                   | 0.3                                   | 2.2                                   | 0.3                                   | 56.0                                 | 1.20      | 118.0     | 8.4      |
| KGKRC124 | 103.00    | 104.00  | 3240                                  | 6762                    | 719                                   | 2200                                  | 178                                   | 32.5                                  | 66.1                                  | 6.5                                   | 19.5                                  | 2.0                                   | 3.8                                   | 0.6                                   | 2.9                                   | 0.3                                   | 54.4                                 | 1.33      | 81.4      | 7.9      |
| KGKRC124 | 104.00    | 105.00  | 2207                                  | 4750                    | 526                                   | 1651                                  | 127                                   | 23.2                                  | 39.8                                  | 3.7                                   | 10.4                                  | 1.2                                   | 2.5                                   | 0.2                                   | 1.7                                   | 0.2                                   | 30.4                                 | 0.94      | 39.6      | 8.9      |
| KGKRC124 | 105.00    | 106.00  | 2628                                  | 5444                    | 579                                   | 1714                                  | 125                                   | 23.3                                  | 43.2                                  | 4.5                                   | 14.4                                  | 1.6                                   | 2.5                                   | 0.2                                   | 1.1                                   | 0.1                                   | 34.9                                 | 1.06      | 46.7      | 6.1      |
| KGKRC124 | 106.00    | 107.00  | 3277                                  | 6853                    | 722                                   | 2168                                  | 159                                   | 26.6                                  | 43.3                                  | 3.7                                   | 10.6                                  | 0.9                                   | 2.3                                   | 0.2                                   | 1.0                                   | -0.1                                  | 25.7                                 | 1.33      | 28.3      | 6.4      |
| KGKRC124 | 107.00    | 108.00  | 4679                                  | 9651                    | 1041                                  | 3028                                  | 213                                   | 34.5                                  | 57.3                                  | 4.5                                   | 12.1                                  | 1.3                                   | 1.9                                   | -0.1                                  | 0.7                                   | -0.1                                  | 27.6                                 | 1.88      | 42.0      | 6.3      |

# LINDIAN

RESOURCES LTD.

| Hole ID  | From<br>m | To<br>m | La <sub>2</sub> O <sub>3</sub><br>ppm | CeO <sub>2</sub><br>ppm | Pr <sub>2</sub> O <sub>3</sub><br>ppm | Nd <sub>2</sub> O <sub>3</sub><br>ppm | Sm <sub>2</sub> O <sub>3</sub><br>ppm | Eu <sub>2</sub> O <sub>3</sub><br>ppm | Gd <sub>2</sub> O <sub>3</sub><br>ppm | Tb <sub>2</sub> O <sub>3</sub><br>ppm | Dy <sub>2</sub> O <sub>3</sub><br>ppm | Ho <sub>2</sub> O <sub>3</sub><br>ppm | Er <sub>2</sub> O <sub>3</sub><br>ppm | Tm <sub>2</sub> O <sub>3</sub><br>ppm | Yb <sub>2</sub> O <sub>3</sub><br>ppm | Lu <sub>2</sub> O <sub>3</sub><br>ppm | Y <sub>2</sub> O <sub>3</sub><br>ppm | TREO<br>% | Th<br>ppm | U<br>ppm |
|----------|-----------|---------|---------------------------------------|-------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|--------------------------------------|-----------|-----------|----------|
| KGKRC124 | 108.00    | 109.00  | 1882                                  | 4208                    | 471                                   | 1482                                  | 111                                   | 17.7                                  | 27.4                                  | 1.9                                   | 6.8                                   | 0.6                                   | 1.4                                   | 0.1                                   | 0.9                                   | -0.1                                  | 17.5                                 | 0.82      | 14.0      | 7.6      |
| KGKRC124 | 109.00    | 110.00  | 6539                                  | 14547                   | 1615                                  | 5010                                  | 376                                   | 63.6                                  | 100.1                                 | 7.7                                   | 21.1                                  | 2.2                                   | 3.2                                   | 0.2                                   | 1.9                                   | 0.2                                   | 49.2                                 | 2.83      | 77.6      | 3.4      |
| KGKRC124 | 110.00    | 111.00  | 10300                                 | 20058                   | 2104                                  | 6186                                  | 447                                   | 73.9                                  | 120.3                                 | 9.2                                   | 23.5                                  | 2.3                                   | 4.5                                   | 0.3                                   | 2.2                                   | 0.3                                   | 57.0                                 | 3.94      | 90.2      | 3.9      |
| KGKRC124 | 111.00    | 112.00  | 1844                                  | 4163                    | 468                                   | 1491                                  | 127                                   | 21.8                                  | 41.2                                  | 3.7                                   | 11.0                                  | 1.0                                   | 2.1                                   | 0.1                                   | 1.1                                   | 0.1                                   | 27.9                                 | 0.82      | 39.9      | 8.5      |
| KGKRC124 | 112.00    | 113.00  | 4569                                  | 9561                    | 1040                                  | 3004                                  | 197                                   | 32.7                                  | 53.1                                  | 4.0                                   | 11.7                                  | 1.2                                   | 2.1                                   | 0.2                                   | 1.2                                   | 0.1                                   | 29.5                                 | 1.85      | 32.6      | 5.3      |
| KGKRC124 | 113.00    | 114.00  | 8000                                  | 16220                   | 1679                                  | 4725                                  | 302                                   | 47.8                                  | 76.4                                  | 6.0                                   | 15.5                                  | 1.5                                   | 2.1                                   | 0.2                                   | 1.1                                   | 0.1                                   | 37.1                                 | 3.11      | 47.1      | 3.1      |
| KGKRC124 | 114.00    | 115.00  | 4371                                  | 8675                    | 890                                   | 2536                                  | 166                                   | 27.6                                  | 47.3                                  | 3.8                                   | 10.4                                  | 1.0                                   | 1.8                                   | 0.1                                   | 1.0                                   | -0.1                                  | 27.8                                 | 1.68      | 33.6      | 4.8      |
| KGKRC124 | 115.00    | 116.00  | 4176                                  | 8532                    | 892                                   | 2582                                  | 169                                   | 26.8                                  | 42.1                                  | 3.2                                   | 9.9                                   | 1.0                                   | 1.6                                   | -0.1                                  | 0.9                                   | 0.1                                   | 23.2                                 | 1.65      | 24.1      | 5.6      |
| KGKRC124 | 116.00    | 117.00  | 4047                                  | 8227                    | 840                                   | 2450                                  | 169                                   | 26.6                                  | 44.6                                  | 3.1                                   | 9.0                                   | 1.0                                   | 1.6                                   | 0.1                                   | 0.8                                   | 0.1                                   | 25.8                                 | 1.58      | 25.5      | 6.4      |
| KGKRC124 | 117.00    | 118.00  | 5625                                  | 11108                   | 1150                                  | 3285                                  | 212                                   | 33.7                                  | 58.0                                  | 4.5                                   | 12.7                                  | 1.3                                   | 2.3                                   | 0.2                                   | 1.8                                   | 0.1                                   | 30.2                                 | 2.15      | 38.5      | 3.1      |
| KGKRC124 | 118.00    | 119.00  | 4374                                  | 8957                    | 921                                   | 2665                                  | 162                                   | 26.1                                  | 43.8                                  | 3.5                                   | 8.8                                   | 0.9                                   | 1.3                                   | 0.1                                   | 0.9                                   | -0.1                                  | 20.5                                 | 1.72      | 31.0      | 1.6      |
| KGKRC124 | 119.00    | 120.00  | 3441                                  | 7189                    | 760                                   | 2275                                  | 150                                   | 24.0                                  | 42.4                                  | 3.4                                   | 9.5                                   | 0.9                                   | 1.6                                   | 0.2                                   | 1.0                                   | 0.1                                   | 20.6                                 | 1.39      | 35.3      | 5.7      |
| KGKRC124 | 120.00    | 121.00  | 4301                                  | 8682                    | 902                                   | 2589                                  | 160                                   | 25.9                                  | 43.1                                  | 3.3                                   | 7.5                                   | 0.9                                   | 1.3                                   | 0.1                                   | 0.9                                   | -0.1                                  | 19.9                                 | 1.67      | 29.4      | 5.1      |
| KGKRC124 | 121.00    | 122.00  | 7022                                  | 13989                   | 1456                                  | 4161                                  | 250                                   | 39.4                                  | 64.2                                  | 4.9                                   | 10.7                                  | 1.2                                   | 1.5                                   | 0.2                                   | 0.8                                   | 0.2                                   | 26.5                                 | 2.70      | 44.5      | 5.0      |
| KGKRC124 | 122.00    | 123.00  | 6833                                  | 13828                   | 1457                                  | 4329                                  | 276                                   | 44.0                                  | 68.3                                  | 5.2                                   | 11.1                                  | 1.2                                   | 1.8                                   | 0.2                                   | 1.0                                   | 0.1                                   | 26.0                                 | 2.69      | 45.0      | 7.0      |
| KGKRC124 | 123.00    | 124.00  | 5021                                  | 10181                   | 1085                                  | 3216                                  | 212                                   | 32.9                                  | 55.7                                  | 4.4                                   | 9.6                                   | 1.2                                   | 1.8                                   | 0.2                                   | 1.2                                   | -0.1                                  | 24.4                                 | 1.98      | 32.9      | 6.7      |
| KGKRC124 | 124.00    | 125.00  | 2119                                  | 4432                    | 474                                   | 1452                                  | 102                                   | 17.8                                  | 30.9                                  | 2.8                                   | 7.0                                   | 0.9                                   | 1.1                                   | 0.1                                   | 1.2                                   | 0.1                                   | 19.9                                 | 0.87      | 29.3      | 11.2     |
| KGKRC124 | 125.00    | 126.00  | 2850                                  | 5842                    | 609                                   | 1831                                  | 124                                   | 20.3                                  | 32.8                                  | 2.7                                   | 6.7                                   | 0.8                                   | 1.1                                   | 0.2                                   | 0.7                                   | 0.1                                   | 19.2                                 | 1.13      | 19.1      | 9.2      |
| KGKRC124 | 126.00    | 127.00  | 4996                                  | 9981                    | 1034                                  | 2976                                  | 179                                   | 28.3                                  | 43.8                                  | 3.5                                   | 9.3                                   | 0.9                                   | 1.6                                   | 0.1                                   | 1.0                                   | 0.1                                   | 23.0                                 | 1.93      | 27.0      | 6.2      |
| KGKRC124 | 127.00    | 128.00  | 3736                                  | 7854                    | 823                                   | 2494                                  | 163                                   | 25.6                                  | 41.9                                  | 3.3                                   | 8.6                                   | 0.9                                   | 1.8                                   | 0.1                                   | 0.8                                   | 0.1                                   | 21.6                                 | 1.52      | 28.1      | 7.0      |
| KGKRC124 | 128.00    | 129.00  | 2366                                  | 4929                    | 520                                   | 1573                                  | 102                                   | 16.4                                  | 27.5                                  | 2.0                                   | 5.3                                   | 0.7                                   | 1.4                                   | 0.2                                   | 0.7                                   | 0.1                                   | 16.5                                 | 0.96      | 14.3      | 10.5     |
| KGKRC124 | 129.00    | 130.00  | 1894                                  | 4056                    | 433                                   | 1298                                  | 85                                    | 13.8                                  | 23.6                                  | 1.8                                   | 5.2                                   | 0.7                                   | 1.4                                   | 0.2                                   | 0.7                                   | 0.1                                   | 15.0                                 | 0.78      | 13.6      | 9.7      |
| KGKRC124 | 130.00    | 131.00  | 6957                                  | 13322                   | 1341                                  | 3789                                  | 218                                   | 34.5                                  | 54.5                                  | 4.4                                   | 9.4                                   | 0.8                                   | 1.6                                   | 0.1                                   | 0.9                                   | -0.1                                  | 22.2                                 | 2.58      | 30.7      | 2.8      |
| KGKRC124 | 131.00    | 132.00  | 9920                                  | 20012                   | 1965                                  | 5480                                  | 322                                   | 50.7                                  | 75.3                                  | 6.0                                   | 13.5                                  | 1.5                                   | 2.4                                   | 0.2                                   | 0.8                                   | -0.1                                  | 33.8                                 | 3.79      | 52.6      | 2.2      |
| KGKRC124 | 132.00    | 133.00  | 2834                                  | 6094                    | 624                                   | 1869                                  | 126                                   | 19.7                                  | 31.1                                  | 2.4                                   | 7.5                                   | 0.9                                   | 1.4                                   | 0.1                                   | 1.0                                   | -0.1                                  | 20.3                                 | 1.16      | 18.5      | 8.5      |
| KGKRC124 | 133.00    | 134.00  | 4465                                  | 9019                    | 886                                   | 2478                                  | 151                                   | 22.9                                  | 37.9                                  | 2.9                                   | 8.5                                   | 0.9                                   | 1.5                                   | 0.1                                   | 1.0                                   | -0.1                                  | 20.8                                 | 1.71      | 24.9      | 4.9      |
| KGKRC124 | 134.00    | 135.00  | 7888                                  | 15190                   | 1443                                  | 4031                                  | 234                                   | 36.2                                  | 59.5                                  | 4.5                                   | 11.6                                  | 1.3                                   | 2.1                                   | 0.2                                   | 1.0                                   | 0.1                                   | 30.6                                 | 2.89      | 43.8      | 3.9      |
| KGKRC124 | 135.00    | 136.00  | 3643                                  | 7563                    | 752                                   | 2174                                  | 134                                   | 20.2                                  | 31.6                                  | 2.6                                   | 6.3                                   | 0.8                                   | 1.1                                   | 0.1                                   | 0.9                                   | -0.1                                  | 18.5                                 | 1.43      | 20.3      | 7.2      |
| KGKRC124 | 136.00    | 137.00  | 5063                                  | 10731                   | 1103                                  | 3184                                  | 204                                   | 31.7                                  | 48.7                                  | 3.5                                   | 9.2                                   | 1.0                                   | 1.8                                   | 0.1                                   | 0.9                                   | -0.1                                  | 23.1                                 | 2.04      | 28.4      | 6.0      |
| KGKRC124 | 137.00    | 138.00  | 3245                                  | 7735                    | 869                                   | 2758                                  | 210                                   | 36.0                                  | 59.4                                  | 4.4                                   | 11.5                                  | 1.2                                   | 2.3                                   | 0.3                                   | 1.0                                   | 0.1                                   | 29.0                                 | 1.50      | 41.4      | 5.1      |
| KGKRC124 | 138.00    | 139.00  | 4392                                  | 9533                    | 1003                                  | 3051                                  | 216                                   | 34.6                                  | 52.1                                  | 4.1                                   | 12.2                                  | 1.3                                   | 2.2                                   | 0.2                                   | 1.3                                   | 0.1                                   | 30.0                                 | 1.83      | 39.2      | 5.7      |
| KGKRC124 | 139.00    | 140.00  | 3515                                  | 7637                    | 799                                   | 2407                                  | 159                                   | 23.6                                  | 36.3                                  | 2.5                                   | 7.7                                   | 0.8                                   | 1.4                                   | 0.1                                   | 1.4                                   | -0.1                                  | 18.5                                 | 1.46      | 19.0      | 7.1      |
| KGKRC124 | 140.00    | 141.00  | 5440                                  | 11074                   | 1123                                  | 3261                                  | 202                                   | 30.7                                  | 46.3                                  | 3.2                                   | 8.6                                   | 1.0                                   | 1.7                                   | 0.1                                   | 0.9                                   | -0.1                                  | 20.5                                 | 2.12      | 23.7      | 5.8      |
| KGKRC124 | 141.00    | 142.00  | 3625                                  | 7525                    | 731                                   | 2170                                  | 139                                   | 21.3                                  | 35.5                                  | 2.9                                   | 8.5                                   | 0.9                                   | 1.8                                   | 0.2                                   | 1.4                                   | 0.1                                   | 25.5                                 | 1.43      | 25.7      | 7.2      |
| KGKRC124 | 142.00    | 143.00  | 5581                                  | 9703                    | 884                                   | 2372                                  | 139                                   | 22.2                                  | 38.0                                  | 3.8                                   | 11.8                                  | 1.3                                   | 1.8                                   | 0.2                                   | 0.9                                   | -0.1                                  | 30.5                                 | 1.88      | 34.8      | 4.9      |
| KGKRC124 | 143.00    | 144.00  | 7582                                  | 15085                   | 1524                                  | 4368                                  | 281                                   | 42.8                                  | 65.3                                  | 4.5                                   | 11.4                                  | 1.2                                   | 1.9                                   | 0.2                                   | 1.2                                   | 0.1                                   | 25.3                                 | 2.90      | 36.5      | 4.2      |
| KGKRC124 | 144.00    | 145.00  | 8074                                  | 14486                   | 1358                                  | 3683                                  | 208                                   | 30.8                                  | 50.5                                  | 4.2                                   | 10.3                                  | 1.3                                   | 1.9                                   | 0.2                                   | 1.0                                   | -0.1                                  | 27.3                                 | 2.79      | 30.5      | 4.2      |
| KGKRC124 | 145.00    | 146.00  | 2916                                  | 6152                    | 635                                   | 1932                                  | 133                                   | 21.5                                  | 39.4                                  | 3.4                                   | 9.1                                   | 1.0                                   | 1.6                                   | 0.2                                   | 1.2                                   | -0.1                                  | 25.4                                 | 1.19      | 38.7      | 7.0      |
| KGKRC124 | 146.00    | 147.00  | 2982                                  | 5561                    | 528                                   | 1495                                  | 101                                   | 16.8                                  | 28.9                                  | 2.4                                   | 6.8                                   | 0.8                                   | 1.6                                   | 0.2                                   | 1.2                                   | 0.1                                   | 21.6                                 | 1.07      | 11.8      | 8.4      |
| KGKRC124 | 147.00    | 148.00  | 6473                                  | 11277                   | 1044                                  | 2789                                  | 162                                   | 25.6                                  | 41.9                                  | 3.5                                   | 10.8                                  | 1.2                                   | 1.8                                   | 0.2                                   | 1.7                                   | 0.1                                   | 30.0                                 | 2.19      | 28.4      | 5.7      |
| KGKRC124 | 148.00    | 149.00  | 9678                                  | 17118                   | 1615                                  | 4444                                  | 257                                   | 38.8                                  | 61.9                                  | 4.8                                   | 13.3                                  | 1.4                                   | 1.9                                   | 0.2                                   | 0.7                                   | -0.1                                  | 30.5                                 | 3.33      | 40.6      | 4.2      |
| KGKRC124 | 149.00    | 150.00  | 6284                                  | 11242                   | 1065                                  | 2923                                  | 192                                   | 30.8                                  | 53.2                                  | 4.5                                   | 14.6                                  | 2.1                                   | 4.1                                   | 0.5                                   | 2.5                                   | 0.3                                   | 52.6                                 | 2.19      | 22.0      | 6.4      |
| KGKRC125 | 0.00      | 1.00    | 10602                                 | 21012                   | 2119                                  | 6427                                  | 453                                   | 74.3                                  | 121.7                                 | 9.1                                   | 25.7                                  | 3.1                                   | 5.6                                   | 0.6                                   | 3.3                                   | 0.5                                   | 69.7                                 | 4.09      | 59.9      | 6.5      |
| KGKRC125 | 1.00      | 2.00    | 14888                                 | 29084                   | 2919                                  | 8474                                  | 568                                   | 87.8                                  | 135.0                                 | 10.1                                  | 24.7                                  | 2.9                                   | 4.8                                   | 0.5                                   | 2.2                                   | 0.3                                   | 59.2                                 | 5.63      | 73.1      | 4.3      |
| KGKRC125 | 2.00      | 3.00    | 13528                                 | 26704                   | 2701                                  | 8106                                  | 543                                   | 85.8                                  | 133.0                                 | 9.3                                   | 24.0                                  | 2.5                                   | 3.9                                   | 0.3                                   | 3.0                                   | 0.3                                   | 53.8                                 | 5.19      | 71.8      | 2.8      |

# LINDIAN

RESOURCES LTD.

| Hole ID  | From<br>m | To<br>m | La <sub>2</sub> O <sub>3</sub><br>ppm | CeO <sub>2</sub><br>ppm | Pr <sub>2</sub> O <sub>3</sub><br>ppm | Nd <sub>2</sub> O <sub>3</sub><br>ppm | Sm <sub>2</sub> O <sub>3</sub><br>ppm | Eu <sub>2</sub> O <sub>3</sub><br>ppm | Gd <sub>2</sub> O <sub>3</sub><br>ppm | Tb <sub>2</sub> O <sub>3</sub><br>ppm | Dy <sub>2</sub> O <sub>3</sub><br>ppm | Ho <sub>2</sub> O <sub>3</sub><br>ppm | Er <sub>2</sub> O <sub>3</sub><br>ppm | Tm <sub>2</sub> O <sub>3</sub><br>ppm | Yb <sub>2</sub> O <sub>3</sub><br>ppm | Lu <sub>2</sub> O <sub>3</sub><br>ppm | Y <sub>2</sub> O <sub>3</sub><br>ppm | TREO<br>% | Th<br>ppm | U<br>ppm |
|----------|-----------|---------|---------------------------------------|-------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|--------------------------------------|-----------|-----------|----------|
| KGKRC125 | 3.00      | 4.00    | 7749                                  | 15209                   | 1503                                  | 4355                                  | 295                                   | 46.3                                  | 72.6                                  | 4.9                                   | 14.6                                  | 1.4                                   | 3.0                                   | 0.3                                   | 2.2                                   | 0.2                                   | 36.7                                 | 2.93      | 35.9      | 2.9      |
| KGKRC125 | 4.00      | 5.00    | 4999                                  | 9863                    | 992                                   | 2891                                  | 184                                   | 26.8                                  | 43.3                                  | 2.9                                   | 8.0                                   | 0.9                                   | 1.5                                   | 0.1                                   | 0.4                                   | -0.1                                  | 18.7                                 | 1.90      | 22.3      | 2.8      |
| KGKRC125 | 5.00      | 6.00    | 8466                                  | 15974                   | 1550                                  | 4299                                  | 280                                   | 43.7                                  | 68.7                                  | 4.7                                   | 12.3                                  | 1.4                                   | 2.2                                   | 0.3                                   | 1.3                                   | 0.2                                   | 29.0                                 | 3.07      | 36.6      | 1.2      |
| KGKRC125 | 6.00      | 7.00    | 5645                                  | 11293                   | 1134                                  | 3263                                  | 217                                   | 35.3                                  | 57.7                                  | 4.0                                   | 10.8                                  | 1.3                                   | 2.5                                   | 0.3                                   | 1.1                                   | 0.2                                   | 29.2                                 | 2.17      | 28.2      | 0.8      |
| KGKRC125 | 7.00      | 8.00    | 4331                                  | 8925                    | 930                                   | 2777                                  | 194                                   | 30.6                                  | 48.1                                  | 3.7                                   | 10.4                                  | 0.9                                   | 2.2                                   | 0.2                                   | 1.0                                   | 0.1                                   | 22.4                                 | 1.73      | 37.0      | 1.7      |
| KGKRC125 | 8.00      | 9.00    | 6791                                  | 14563                   | 1531                                  | 4677                                  | 317                                   | 47.6                                  | 70.1                                  | 4.4                                   | 10.4                                  | 1.2                                   | 2.4                                   | 0.2                                   | 1.3                                   | 0.1                                   | 26.5                                 | 2.80      | 33.9      | 2.8      |
| KGKRC125 | 9.00      | 10.00   | 6834                                  | 14373                   | 1552                                  | 4648                                  | 321                                   | 47.8                                  | 70.1                                  | 4.9                                   | 11.9                                  | 1.0                                   | 2.2                                   | 0.2                                   | 1.6                                   | 0.1                                   | 28.1                                 | 2.79      | 40.3      | 2.8      |
| KGKRC125 | 10.00     | 11.00   | 4841                                  | 9739                    | 991                                   | 2855                                  | 175                                   | 24.7                                  | 37.1                                  | 2.7                                   | 7.1                                   | 0.8                                   | 1.3                                   | 0.1                                   | 1.2                                   | 0.1                                   | 20.3                                 | 1.87      | 19.7      | 2.7      |
| KGKRC125 | 11.00     | 12.00   | 5985                                  | 12290                   | 1271                                  | 3799                                  | 257                                   | 40.8                                  | 57.6                                  | 4.1                                   | 11.1                                  | 1.0                                   | 1.9                                   | 0.1                                   | 1.1                                   | 0.1                                   | 24.9                                 | 2.37      | 34.2      | 2.6      |
| KGKRC125 | 12.00     | 13.00   | 4411                                  | 9586                    | 1045                                  | 3189                                  | 216                                   | 32.2                                  | 47.2                                  | 2.7                                   | 7.5                                   | 0.8                                   | 1.1                                   | 0.1                                   | 0.8                                   | -0.1                                  | 17.7                                 | 1.86      | 19.1      | 1.4      |
| KGKRC125 | 13.00     | 14.00   | 8496                                  | 17499                   | 1808                                  | 5343                                  | 339                                   | 49.0                                  | 71.3                                  | 4.5                                   | 10.7                                  | 1.0                                   | 1.9                                   | 0.2                                   | 0.8                                   | -0.1                                  | 22.7                                 | 3.36      | 31.5      | 1.5      |
| KGKRC125 | 14.00     | 15.00   | 6414                                  | 13405                   | 1410                                  | 4160                                  | 276                                   | 40.6                                  | 59.9                                  | 4.1                                   | 9.4                                   | 1.0                                   | 1.7                                   | 0.2                                   | 0.9                                   | 0.1                                   | 22.0                                 | 2.58      | 29.7      | 0.8      |
| KGKRC125 | 15.00     | 16.00   | 5469                                  | 11266                   | 1160                                  | 3439                                  | 230                                   | 34.6                                  | 51.2                                  | 3.3                                   | 8.3                                   | 1.0                                   | 1.4                                   | 0.1                                   | 1.3                                   | 0.1                                   | 20.2                                 | 2.17      | 23.9      | 1.5      |
| KGKRC125 | 16.00     | 17.00   | 4742                                  | 9580                    | 973                                   | 2830                                  | 180                                   | 27.0                                  | 40.0                                  | 2.8                                   | 6.8                                   | 0.8                                   | 1.5                                   | -0.1                                  | 0.9                                   | -0.1                                  | 17.3                                 | 1.84      | 17.6      | 2.3      |
| KGKRC125 | 17.00     | 18.00   | 2807                                  | 5758                    | 576                                   | 1703                                  | 106                                   | 16.0                                  | 23.9                                  | 1.9                                   | 4.8                                   | 0.6                                   | 1.5                                   | 0.2                                   | 1.4                                   | -0.1                                  | 13.0                                 | 1.10      | 13.3      | 2.9      |
| KGKRC125 | 18.00     | 19.00   | 6115                                  | 13094                   | 1407                                  | 4343                                  | 299                                   | 44.9                                  | 65.3                                  | 4.1                                   | 9.9                                   | 0.9                                   | 1.5                                   | 0.2                                   | 0.8                                   | -0.1                                  | 20.1                                 | 2.54      | 28.9      | 2.2      |
| KGKRC125 | 19.00     | 20.00   | 3494                                  | 8084                    | 916                                   | 2971                                  | 262                                   | 46.2                                  | 78.4                                  | 6.0                                   | 18.0                                  | 2.0                                   | 3.4                                   | 0.3                                   | 2.2                                   | 0.2                                   | 45.5                                 | 1.59      | 54.4      | 6.6      |
| KGKRC125 | 20.00     | 21.00   | 5992                                  | 13249                   | 1435                                  | 4390                                  | 308                                   | 45.3                                  | 66.0                                  | 4.0                                   | 9.1                                   | 0.9                                   | 1.4                                   | -0.1                                  | 0.9                                   | -0.1                                  | 18.4                                 | 2.55      | 30.0      | 2.9      |
| KGKRC125 | 21.00     | 22.00   | 9668                                  | 19284                   | 1913                                  | 5655                                  | 387                                   | 65.5                                  | 106.4                                 | 7.9                                   | 24.5                                  | 2.4                                   | 3.9                                   | 0.5                                   | 2.8                                   | 0.2                                   | 60.7                                 | 3.72      | 83.9      | 1.4      |
| KGKRC125 | 22.00     | 23.00   | 10134                                 | 19258                   | 1850                                  | 5246                                  | 313                                   | 46.2                                  | 66.7                                  | 4.5                                   | 10.3                                  | 1.0                                   | 2.1                                   | 0.1                                   | 1.1                                   | -0.1                                  | 24.3                                 | 3.70      | 34.5      | 1.0      |
| KGKRC125 | 23.00     | 24.00   | 7743                                  | 15053                   | 1443                                  | 4055                                  | 250                                   | 39.0                                  | 58.5                                  | 4.1                                   | 10.8                                  | 1.2                                   | 1.8                                   | 0.2                                   | 1.1                                   | -0.1                                  | 25.3                                 | 2.87      | 31.5      | 1.3      |
| KGKRC125 | 24.00     | 25.00   | 5409                                  | 10435                   | 1157                                  | 3378                                  | 214                                   | 31.8                                  | 45.3                                  | 3.3                                   | 8.4                                   | 0.8                                   | 1.5                                   | 0.1                                   | 1.0                                   | -0.1                                  | 19.2                                 | 2.07      | 19.3      | 0.9      |
| KGKRC125 | 25.00     | 26.00   | 8105                                  | 16656                   | 1684                                  | 4856                                  | 297                                   | 43.1                                  | 61.7                                  | 4.4                                   | 10.8                                  | 1.4                                   | 2.1                                   | 0.3                                   | 1.1                                   | 0.1                                   | 28.2                                 | 3.17      | 30.5      | 1.4      |
| KGKRC125 | 26.00     | 27.00   | 5712                                  | 11144                   | 1088                                  | 3075                                  | 186                                   | 28.0                                  | 40.7                                  | 3.3                                   | 8.4                                   | 0.9                                   | 1.6                                   | 0.2                                   | 1.1                                   | -0.1                                  | 21.0                                 | 2.13      | 20.4      | 1.0      |
| KGKRC125 | 27.00     | 28.00   | 2068                                  | 4468                    | 470                                   | 1418                                  | 94                                    | 14.0                                  | 22.6                                  | 1.8                                   | 6.3                                   | 0.9                                   | 2.2                                   | 0.2                                   | 1.8                                   | 0.1                                   | 25.9                                 | 0.86      | 8.6       | 1.5      |
| KGKRC125 | 28.00     | 29.00   | 6099                                  | 12650                   | 1287                                  | 3801                                  | 267                                   | 41.5                                  | 62.5                                  | 4.1                                   | 11.0                                  | 1.0                                   | 1.7                                   | 0.1                                   | 0.8                                   | -0.1                                  | 23.4                                 | 2.43      | 33.2      | 3.6      |
| KGKRC125 | 29.00     | 30.00   | 1846                                  | 4086                    | 462                                   | 1554                                  | 175                                   | 36.6                                  | 74.6                                  | 7.7                                   | 32.1                                  | 4.5                                   | 10.0                                  | 1.1                                   | 5.9                                   | 0.8                                   | 121.8                                | 0.84      | 49.9      | 7.5      |
| KGKRC125 | 30.00     | 31.00   | 2848                                  | 5855                    | 621                                   | 2007                                  | 203                                   | 43.0                                  | 89.5                                  | 9.8                                   | 43.2                                  | 6.1                                   | 12.8                                  | 1.5                                   | 8.1                                   | 0.9                                   | 159.4                                | 1.19      | 69.0      | 10.5     |
| KGKRC125 | 31.00     | 32.00   | 8995                                  | 17914                   | 1805                                  | 5409                                  | 369                                   | 58.5                                  | 85.7                                  | 6.4                                   | 19.2                                  | 2.3                                   | 4.4                                   | 0.5                                   | 2.6                                   | 0.3                                   | 52.5                                 | 3.47      | 48.3      | 5.1      |
| KGKRC125 | 32.00     | 33.00   | 5920                                  | 12386                   | 1271                                  | 3865                                  | 268                                   | 42.4                                  | 61.8                                  | 4.5                                   | 10.1                                  | 1.0                                   | 2.4                                   | 0.2                                   | 1.2                                   | 0.1                                   | 23.0                                 | 2.39      | 34.1      | 4.0      |
| KGKRC125 | 33.00     | 34.00   | 5335                                  | 11793                   | 1274                                  | 3973                                  | 295                                   | 46.4                                  | 72.1                                  | 5.4                                   | 15.3                                  | 1.6                                   | 2.7                                   | 0.3                                   | 2.2                                   | 0.3                                   | 34.9                                 | 2.29      | 68.4      | 3.0      |
| KGKRC125 | 34.00     | 35.00   | 4621                                  | 10183                   | 1093                                  | 3417                                  | 239                                   | 35.1                                  | 50.0                                  | 3.4                                   | 9.3                                   | 0.8                                   | 1.6                                   | 0.2                                   | 1.0                                   | 0.1                                   | 20.8                                 | 1.97      | 25.6      | 2.6      |
| KGKRC125 | 35.00     | 36.00   | 5599                                  | 12107                   | 1293                                  | 3927                                  | 266                                   | 39.6                                  | 59.9                                  | 4.0                                   | 9.9                                   | 0.9                                   | 1.9                                   | 0.1                                   | 1.4                                   | -0.1                                  | 23.6                                 | 2.33      | 32.8      | 2.3      |
| KGKRC125 | 36.00     | 37.00   | 4668                                  | 10348                   | 1105                                  | 3338                                  | 226                                   | 32.5                                  | 51.2                                  | 3.5                                   | 10.4                                  | 1.0                                   | 2.2                                   | 0.2                                   | 1.0                                   | 0.2                                   | 23.2                                 | 1.98      | 31.6      | 2.1      |
| KGKRC125 | 37.00     | 38.00   | 4877                                  | 10311                   | 1084                                  | 3264                                  | 227                                   | 35.3                                  | 55.2                                  | 4.2                                   | 11.4                                  | 1.3                                   | 2.3                                   | 0.3                                   | 1.0                                   | 0.2                                   | 28.3                                 | 1.99      | 48.4      | 2.9      |
| KGKRC125 | 38.00     | 39.00   | 3713                                  | 7699                    | 793                                   | 2354                                  | 168                                   | 27.2                                  | 43.5                                  | 3.9                                   | 11.6                                  | 1.3                                   | 2.1                                   | 0.3                                   | 1.7                                   | 0.2                                   | 28.2                                 | 1.48      | 47.6      | 1.9      |
| KGKRC125 | 39.00     | 40.00   | 7519                                  | 14053                   | 1361                                  | 3805                                  | 253                                   | 41.9                                  | 67.3                                  | 5.1                                   | 13.5                                  | 1.4                                   | 3.0                                   | 0.2                                   | 1.5                                   | 0.2                                   | 32.1                                 | 2.72      | 47.0      | 1.4      |
| KGKRC125 | 40.00     | 41.00   | 3447                                  | 7143                    | 722                                   | 2108                                  | 135                                   | 20.4                                  | 30.5                                  | 2.2                                   | 6.3                                   | 0.7                                   | 1.4                                   | 0.1                                   | 0.9                                   | -0.1                                  | 16.1                                 | 1.36      | 15.0      | 1.2      |
| KGKRC125 | 41.00     | 42.00   | 8338                                  | 16759                   | 1705                                  | 5139                                  | 343                                   | 52.8                                  | 79.9                                  | 5.7                                   | 14.8                                  | 1.5                                   | 1.9                                   | 0.1                                   | 1.0                                   | 0.1                                   | 28.6                                 | 3.25      | 46.6      | 4.5      |
| KGKRC125 | 42.00     | 43.00   | 4385                                  | 9421                    | 996                                   | 2997                                  | 199                                   | 29.1                                  | 45.9                                  | 3.1                                   | 7.9                                   | 0.8                                   | 1.6                                   | 0.2                                   | 0.8                                   | -0.1                                  | 20.2                                 | 1.81      | 23.1      | 3.4      |
| KGKRC125 | 43.00     | 44.00   | 5724                                  | 12020                   | 1285                                  | 3843                                  | 259                                   | 39.6                                  | 56.8                                  | 3.8                                   | 9.5                                   | 0.8                                   | 1.7                                   | 0.2                                   | 0.9                                   | -0.1                                  | 19.6                                 | 2.33      | 25.6      | 2.8      |
| KGKRC125 | 44.00     | 45.00   | 4874                                  | 10305                   | 1109                                  | 3417                                  | 248                                   | 36.4                                  | 52.7                                  | 3.5                                   | 7.7                                   | 0.8                                   | 1.4                                   | 0.1                                   | 0.6                                   | -0.1                                  | 18.4                                 | 2.01      | 25.0      | 4.2      |
| KGKRC125 | 45.00     | 46.00   | 4542                                  | 9324                    | 996                                   | 3085                                  | 225                                   | 32.0                                  | 46.2                                  | 3.1                                   | 8.0                                   | 0.8                                   | 1.4                                   | 0.2                                   | 0.8                                   | -0.1                                  | 17.8                                 | 1.83      | 22.8      | 4.6      |
| KGKRC125 | 46.00     | 47.00   | 4178                                  | 8423                    | 861                                   | 2588                                  | 176                                   | 27.2                                  | 39.8                                  | 3.1                                   | 7.7                                   | 0.9                                   | 1.5                                   | 0.2                                   | 1.0                                   | 0.1                                   | 18.7                                 | 1.63      | 21.1      | 4.3      |
| KGKRC125 | 47.00     | 48.00   | 5631                                  | 11697                   | 1232                                  | 3722                                  | 265                                   | 41.6                                  | 62.0                                  | 4.4                                   | 12.2                                  | 1.5                                   | 2.7                                   | 0.3                                   | 1.6                                   | 0.2                                   | 33.3                                 | 2.27      | 38.4      | 4.9      |

# LINDIAN

RESOURCES LTD.

| Hole ID  | From<br>m | To<br>m | La <sub>2</sub> O <sub>3</sub><br>ppm | CeO <sub>2</sub><br>ppm | Pr <sub>2</sub> O <sub>3</sub><br>ppm | Nd <sub>2</sub> O <sub>3</sub><br>ppm | Sm <sub>2</sub> O <sub>3</sub><br>ppm | Eu <sub>2</sub> O <sub>3</sub><br>ppm | Gd <sub>2</sub> O <sub>3</sub><br>ppm | Tb <sub>2</sub> O <sub>3</sub><br>ppm | Dy <sub>2</sub> O <sub>3</sub><br>ppm | Ho <sub>2</sub> O <sub>3</sub><br>ppm | Er <sub>2</sub> O <sub>3</sub><br>ppm | Tm <sub>2</sub> O <sub>3</sub><br>ppm | Yb <sub>2</sub> O <sub>3</sub><br>ppm | Lu <sub>2</sub> O <sub>3</sub><br>ppm | Y <sub>2</sub> O <sub>3</sub><br>ppm | TREO<br>% | Th<br>ppm | U<br>ppm |
|----------|-----------|---------|---------------------------------------|-------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|--------------------------------------|-----------|-----------|----------|
| KGKRC125 | 48.00     | 49.00   | 8826                                  | 18626                   | 1948                                  | 6022                                  | 420                                   | 61.8                                  | 91.7                                  | 5.9                                   | 14.2                                  | 1.3                                   | 2.3                                   | 0.3                                   | 0.9                                   | -0.1                                  | 30.1                                 | 3.61      | 45.7      | 2.8      |
| KGKRC125 | 49.00     | 50.00   | 5962                                  | 12713                   | 1327                                  | 4011                                  | 261                                   | 38.4                                  | 58.2                                  | 3.7                                   | 9.2                                   | 0.9                                   | 1.6                                   | 0.1                                   | 0.5                                   | -0.1                                  | 19.4                                 | 2.44      | 28.1      | 4.4      |
| KGKRC125 | 50.00     | 51.00   | 4944                                  | 10139                   | 1047                                  | 3088                                  | 210                                   | 32.3                                  | 49.9                                  | 3.5                                   | 9.4                                   | 1.0                                   | 1.6                                   | 0.2                                   | 1.3                                   | -0.1                                  | 22.2                                 | 1.95      | 25.4      | 1.7      |
| KGKRC125 | 51.00     | 52.00   | 5449                                  | 10398                   | 1025                                  | 2943                                  | 199                                   | 31.2                                  | 48.9                                  | 3.3                                   | 9.2                                   | 0.9                                   | 1.7                                   | 0.2                                   | 1.2                                   | 0.1                                   | 22.5                                 | 2.01      | 26.5      | 3.5      |
| KGKRC125 | 52.00     | 53.00   | 5618                                  | 11774                   | 1220                                  | 3602                                  | 239                                   | 36.4                                  | 51.2                                  | 3.5                                   | 8.3                                   | 1.0                                   | 1.7                                   | 0.1                                   | 1.4                                   | 0.1                                   | 19.1                                 | 2.26      | 27.3      | 4.3      |
| KGKRC125 | 53.00     | 54.00   | 7076                                  | 14721                   | 1480                                  | 4137                                  | 248                                   | 36.9                                  | 54.0                                  | 3.7                                   | 8.6                                   | 0.7                                   | 1.4                                   | 0.1                                   | 0.8                                   | -0.1                                  | 16.6                                 | 2.78      | 30.6      | 1.4      |
| KGKRC125 | 54.00     | 55.00   | 14935                                 | 31702                   | 3175                                  | 9225                                  | 559                                   | 80.0                                  | 115.7                                 | 8.0                                   | 18.1                                  | 1.5                                   | 2.2                                   | 0.1                                   | 1.0                                   | -0.1                                  | 33.3                                 | 5.99      | 69.2      | 1.2      |
| KGKRC125 | 55.00     | 56.00   | 14484                                 | 30069                   | 3122                                  | 9147                                  | 576                                   | 84.9                                  | 119.7                                 | 7.7                                   | 17.6                                  | 1.5                                   | 1.9                                   | 0.2                                   | 1.3                                   | 0.1                                   | 33.8                                 | 5.77      | 64.4      | 2.3      |
| KGKRC125 | 56.00     | 57.00   | 5907                                  | 11735                   | 1191                                  | 3546                                  | 234                                   | 37.2                                  | 54.2                                  | 3.7                                   | 10.9                                  | 1.0                                   | 1.6                                   | 0.2                                   | 1.1                                   | -0.1                                  | 21.6                                 | 2.27      | 27.2      | 1.7      |
| KGKRC125 | 57.00     | 58.00   | 6835                                  | 14866                   | 1570                                  | 4741                                  | 335                                   | 51.4                                  | 80.8                                  | 5.5                                   | 14.8                                  | 1.3                                   | 2.3                                   | 0.2                                   | 0.9                                   | -0.1                                  | 29.8                                 | 2.85      | 51.9      | 2.7      |
| KGKRC125 | 58.00     | 59.00   | 4494                                  | 9560                    | 1002                                  | 3042                                  | 215                                   | 32.9                                  | 48.5                                  | 3.5                                   | 9.6                                   | 1.2                                   | 1.8                                   | 0.2                                   | 1.2                                   | 0.1                                   | 24.1                                 | 1.84      | 32.1      | 4.8      |
| KGKRC125 | 59.00     | 60.00   | 5344                                  | 10944                   | 1137                                  | 3360                                  | 223                                   | 35.2                                  | 54.7                                  | 4.2                                   | 13.1                                  | 1.4                                   | 2.4                                   | 0.2                                   | 1.0                                   | -0.1                                  | 31.4                                 | 2.12      | 34.8      | 3.8      |
| KGKRC125 | 60.00     | 61.00   | 15263                                 | 26065                   | 2368                                  | 6495                                  | 402                                   | 66.8                                  | 113.7                                 | 10.2                                  | 30.4                                  | 3.4                                   | 4.7                                   | 0.3                                   | 1.5                                   | 0.1                                   | 71.5                                 | 5.09      | 106.5     | 1.5      |
| KGKRC125 | 61.00     | 62.00   | 10977                                 | 19335                   | 1767                                  | 4662                                  | 297                                   | 49.6                                  | 82.9                                  | 7.5                                   | 24.3                                  | 2.8                                   | 4.6                                   | 0.3                                   | 2.4                                   | 0.2                                   | 65.4                                 | 3.73      | 70.9      | 1.9      |
| KGKRC125 | 62.00     | 63.00   | 8485                                  | 15103                   | 1416                                  | 3829                                  | 258                                   | 43.3                                  | 74.4                                  | 6.8                                   | 21.5                                  | 2.5                                   | 4.0                                   | 0.3                                   | 2.1                                   | 0.2                                   | 60.3                                 | 2.93      | 55.7      | 3.6      |
| KGKRC125 | 63.00     | 64.00   | 2280                                  | 5201                    | 582                                   | 1892                                  | 176                                   | 33.2                                  | 64.8                                  | 6.1                                   | 24.9                                  | 3.6                                   | 8.5                                   | 0.9                                   | 6.3                                   | 0.7                                   | 102.7                                | 1.04      | 42.7      | 7.2      |
| KGKRC125 | 64.00     | 65.00   | 1352                                  | 2895                    | 310                                   | 1037                                  | 123                                   | 27.3                                  | 59.8                                  | 6.5                                   | 30.0                                  | 4.6                                   | 11.0                                  | 1.1                                   | 6.2                                   | 0.8                                   | 125.1                                | 0.60      | 41.9      | 12.9     |
| KGKRC125 | 65.00     | 66.00   | 1899                                  | 3743                    | 380                                   | 1207                                  | 128                                   | 27.9                                  | 60.1                                  | 6.6                                   | 26.9                                  | 3.7                                   | 8.4                                   | 1.0                                   | 5.1                                   | 0.7                                   | 102.6                                | 0.76      | 55.7      | 13.3     |
| KGKRC125 | 66.00     | 67.00   | 1375                                  | 3303                    | 398                                   | 1387                                  | 165                                   | 34.5                                  | 74.9                                  | 7.8                                   | 32.1                                  | 4.6                                   | 10.8                                  | 1.4                                   | 9.2                                   | 0.9                                   | 130.9                                | 0.69      | 80.8      | 11.5     |
| KGKRC125 | 67.00     | 68.00   | 3177                                  | 6246                    | 623                                   | 1903                                  | 175                                   | 34.4                                  | 63.5                                  | 6.1                                   | 24.0                                  | 3.6                                   | 7.3                                   | 0.8                                   | 4.7                                   | 0.6                                   | 92.2                                 | 1.24      | 57.2      | 11.7     |
| KGKRC125 | 68.00     | 69.00   | 907                                   | 1983                    | 225                                   | 792                                   | 108                                   | 25.0                                  | 57.0                                  | 6.8                                   | 30.6                                  | 4.5                                   | 10.2                                  | 1.1                                   | 6.7                                   | 0.8                                   | 125.3                                | 0.43      | 42.9      | 7.5      |
| KGKRC125 | 69.00     | 70.00   | 768                                   | 1718                    | 194                                   | 697                                   | 98                                    | 24.2                                  | 51.4                                  | 6.1                                   | 27.5                                  | 4.6                                   | 9.4                                   | 1.3                                   | 6.1                                   | 0.7                                   | 116.1                                | 0.37      | 32.9      | 5.9      |
| KGKRC125 | 70.00     | 71.00   | 786                                   | 1745                    | 197                                   | 700                                   | 100                                   | 24.0                                  | 54.6                                  | 6.2                                   | 27.4                                  | 4.2                                   | 10.6                                  | 1.1                                   | 6.5                                   | 0.7                                   | 117.5                                | 0.38      | 30.1      | 5.2      |
| KGKRC125 | 71.00     | 72.00   | 1231                                  | 2754                    | 313                                   | 1072                                  | 139                                   | 32.4                                  | 68.1                                  | 7.9                                   | 34.8                                  | 4.9                                   | 11.8                                  | 1.5                                   | 8.1                                   | 1.0                                   | 151.5                                | 0.58      | 55.6      | 19.7     |
| KGKRC125 | 72.00     | 73.00   | 3952                                  | 7476                    | 717                                   | 2054                                  | 157                                   | 28.3                                  | 51.4                                  | 4.5                                   | 15.4                                  | 2.0                                   | 4.2                                   | 0.6                                   | 2.9                                   | 0.3                                   | 56.5                                 | 1.45      | 45.1      | 27.0     |
| KGKRC125 | 73.00     | 74.00   | 7964                                  | 14822                   | 1419                                  | 3943                                  | 258                                   | 42.4                                  | 69.6                                  | 5.2                                   | 14.8                                  | 1.7                                   | 3.0                                   | 0.2                                   | 1.9                                   | 0.2                                   | 42.3                                 | 2.86      | 47.6      | 28.7     |
| KGKRC125 | 74.00     | 75.00   | 6874                                  | 13168                   | 1259                                  | 3590                                  | 252                                   | 41.8                                  | 67.4                                  | 5.1                                   | 15.5                                  | 1.8                                   | 3.5                                   | 0.5                                   | 3.3                                   | 0.3                                   | 42.9                                 | 2.53      | 45.9      | 16.9     |
| KGKRC125 | 75.00     | 76.00   | 3949                                  | 8031                    | 811                                   | 2498                                  | 199                                   | 33.9                                  | 55.8                                  | 4.0                                   | 12.1                                  | 1.4                                   | 2.6                                   | 0.2                                   | 1.4                                   | 0.1                                   | 29.3                                 | 1.56      | 34.8      | 17.1     |
| KGKRC125 | 76.00     | 77.00   | 2820                                  | 5835                    | 607                                   | 1946                                  | 182                                   | 33.0                                  | 55.0                                  | 4.4                                   | 12.7                                  | 1.6                                   | 3.0                                   | 0.5                                   | 2.8                                   | 0.3                                   | 40.0                                 | 1.15      | 40.0      | 16.6     |
| KGKRC125 | 77.00     | 78.00   | 5049                                  | 10057                   | 1015                                  | 3123                                  | 276                                   | 48.8                                  | 83.8                                  | 6.1                                   | 17.0                                  | 1.7                                   | 2.9                                   | 0.2                                   | 1.8                                   | 0.2                                   | 38.6                                 | 1.97      | 46.3      | 15.0     |
| KGKRC125 | 78.00     | 79.00   | 6478                                  | 11965                   | 1151                                  | 3217                                  | 248                                   | 42.3                                  | 68.0                                  | 5.2                                   | 14.4                                  | 1.6                                   | 2.9                                   | 0.3                                   | 1.7                                   | 0.1                                   | 35.1                                 | 2.32      | 44.5      | 18.4     |
| KGKRC125 | 79.00     | 80.00   | 1959                                  | 4339                    | 496                                   | 1787                                  | 262                                   | 57.4                                  | 99.3                                  | 7.4                                   | 20.3                                  | 1.8                                   | 3.8                                   | 0.3                                   | 1.8                                   | 0.3                                   | 46.1                                 | 0.91      | 61.3      | 10.1     |
| KGKRC125 | 80.00     | 81.00   | 2682                                  | 5701                    | 601                                   | 1967                                  | 198                                   | 36.5                                  | 60.8                                  | 4.8                                   | 13.8                                  | 1.7                                   | 2.7                                   | 0.5                                   | 2.0                                   | 0.2                                   | 37.0                                 | 1.13      | 36.7      | 11.4     |
| KGKRC125 | 81.00     | 82.00   | 2444                                  | 5151                    | 551                                   | 1782                                  | 177                                   | 34.5                                  | 61.4                                  | 4.8                                   | 14.6                                  | 2.0                                   | 3.7                                   | 0.6                                   | 4.3                                   | 0.3                                   | 50.2                                 | 1.03      | 49.7      | 11.5     |
| KGKRC125 | 82.00     | 83.00   | 2355                                  | 5016                    | 533                                   | 1685                                  | 153                                   | 27.1                                  | 47.2                                  | 3.4                                   | 11.1                                  | 1.3                                   | 3.1                                   | 0.3                                   | 2.1                                   | 0.3                                   | 34.0                                 | 0.99      | 34.1      | 11.8     |
| KGKRC125 | 83.00     | 84.00   | 2499                                  | 5191                    | 530                                   | 1573                                  | 112                                   | 17.5                                  | 27.7                                  | 2.2                                   | 6.2                                   | 0.9                                   | 1.8                                   | 0.1                                   | 1.0                                   | 0.1                                   | 18.7                                 | 1.00      | 19.7      | 20.9     |
| KGKRC125 | 84.00     | 85.00   | 2547                                  | 5931                    | 663                                   | 2214                                  | 216                                   | 40.5                                  | 68.0                                  | 5.4                                   | 16.8                                  | 2.0                                   | 4.5                                   | 0.6                                   | 4.1                                   | 0.6                                   | 52.1                                 | 1.18      | 46.0      | 21.0     |
| KGKRC125 | 85.00     | 86.00   | 1571                                  | 3748                    | 434                                   | 1523                                  | 170                                   | 34.2                                  | 63.3                                  | 5.7                                   | 26.5                                  | 4.0                                   | 11.0                                  | 1.6                                   | 8.9                                   | 1.3                                   | 126.1                                | 0.77      | 45.0      | 18.6     |
| KGKRC125 | 86.00     | 87.00   | 4563                                  | 9946                    | 1101                                  | 3472                                  | 329                                   | 62.3                                  | 119.8                                 | 12.9                                  | 59.6                                  | 10.5                                  | 27.3                                  | 4.0                                   | 27.7                                  | 4.2                                   | 321.4                                | 2.01      | 88.5      | 20.1     |
| KGKRC125 | 87.00     | 88.00   | 1423                                  | 3574                    | 426                                   | 1546                                  | 189                                   | 39.1                                  | 72.7                                  | 6.0                                   | 22.0                                  | 3.2                                   | 7.2                                   | 0.9                                   | 5.7                                   | 0.8                                   | 79.9                                 | 0.74      | 40.0      | 16.4     |
| KGKRC125 | 88.00     | 89.00   | 969                                   | 2281                    | 268                                   | 999                                   | 163                                   | 39.5                                  | 87.6                                  | 9.2                                   | 39.8                                  | 6.8                                   | 15.2                                  | 1.9                                   | 13.6                                  | 1.7                                   | 185.0                                | 0.51      | 66.1      | 17.6     |
| KGKRC125 | 89.00     | 90.00   | 996                                   | 2484                    | 305                                   | 1177                                  | 191                                   | 46.3                                  | 102.1                                 | 10.4                                  | 41.6                                  | 6.9                                   | 14.8                                  | 1.7                                   | 10.8                                  | 1.4                                   | 193.4                                | 0.56      | 62.3      | 14.4     |
| KGKRC125 | 90.00     | 91.00   | 999                                   | 2465                    | 299                                   | 1112                                  | 175                                   | 44.2                                  | 100.2                                 | 13.6                                  | 68.9                                  | 11.8                                  | 28.0                                  | 3.1                                   | 16.1                                  | 1.9                                   | 343.3                                | 0.57      | 62.5      | 15.5     |
| KGKRC125 | 91.00     | 92.00   | 1386                                  | 3358                    | 420                                   | 1475                                  | 161                                   | 31.4                                  | 54.1                                  | 4.5                                   | 16.2                                  | 2.1                                   | 4.6                                   | 0.5                                   | 3.6                                   | 0.5                                   | 60.6                                 | 0.70      | 44.5      | 8.7      |
| KGKRC125 | 92.00     | 93.00   | 2543                                  | 5680                    | 680                                   | 2279                                  | 240                                   | 47.8                                  | 85.2                                  | 7.8                                   | 27.7                                  | 3.6                                   | 7.0                                   | 0.7                                   | 5.6                                   | 0.8                                   | 91.7                                 | 1.17      | 45.7      | 13.1     |

| Hole ID  | From<br>m | To<br>m | La <sub>2</sub> O <sub>3</sub><br>ppm | CeO <sub>2</sub><br>ppm | Pr <sub>2</sub> O <sub>3</sub><br>ppm | Nd <sub>2</sub> O <sub>3</sub><br>ppm | Sm <sub>2</sub> O <sub>3</sub><br>ppm | Eu <sub>2</sub> O <sub>3</sub><br>ppm | Gd <sub>2</sub> O <sub>3</sub><br>ppm | Tb <sub>2</sub> O <sub>3</sub><br>ppm | Dy <sub>2</sub> O <sub>3</sub><br>ppm | Ho <sub>2</sub> O <sub>3</sub><br>ppm | Er <sub>2</sub> O <sub>3</sub><br>ppm | Tm <sub>2</sub> O <sub>3</sub><br>ppm | Yb <sub>2</sub> O <sub>3</sub><br>ppm | Lu <sub>2</sub> O <sub>3</sub><br>ppm | Y <sub>2</sub> O <sub>3</sub><br>ppm | TREO<br>% | Th<br>ppm | U<br>ppm |
|----------|-----------|---------|---------------------------------------|-------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|--------------------------------------|-----------|-----------|----------|
| KGKRC125 | 93.00     | 94.00   | 1312                                  | 3230                    | 437                                   | 1612                                  | 242                                   | 53.5                                  | 103.6                                 | 9.9                                   | 35.9                                  | 5.5                                   | 11.0                                  | 1.1                                   | 8.0                                   | 1.0                                   | 149.0                                | 0.72      | 69.9      | 15.6     |
| KGKRC125 | 94.00     | 95.00   | 1016                                  | 2678                    | 365                                   | 1438                                  | 224                                   | 53.2                                  | 109.8                                 | 11.3                                  | 45.7                                  | 6.4                                   | 13.7                                  | 1.5                                   | 8.1                                   | 1.1                                   | 186.4                                | 0.62      | 54.6      | 14.9     |
| KGKRC125 | 95.00     | 96.00   | 1138                                  | 2899                    | 393                                   | 1477                                  | 237                                   | 55.6                                  | 111.9                                 | 11.5                                  | 45.9                                  | 6.9                                   | 13.3                                  | 1.5                                   | 8.2                                   | 1.0                                   | 188.0                                | 0.66      | 49.7      | 13.7     |
| KGKRC125 | 96.00     | 97.00   | 989                                   | 2412                    | 316                                   | 1181                                  | 198                                   | 50.3                                  | 110.8                                 | 11.5                                  | 43.2                                  | 6.0                                   | 12.0                                  | 1.5                                   | 8.4                                   | 1.3                                   | 174.9                                | 0.55      | 50.9      | 11.6     |
| KGKRC125 | 97.00     | 98.00   | 1975                                  | 4463                    | 532                                   | 1819                                  | 221                                   | 49.0                                  | 100.2                                 | 9.2                                   | 36.0                                  | 5.0                                   | 11.1                                  | 1.1                                   | 7.3                                   | 1.0                                   | 144.9                                | 0.94      | 43.5      | 13.2     |
| KGKRC125 | 98.00     | 99.00   | 1991                                  | 4767                    | 606                                   | 2066                                  | 215                                   | 39.1                                  | 66.6                                  | 4.7                                   | 12.5                                  | 1.6                                   | 3.0                                   | 0.2                                   | 2.3                                   | 0.3                                   | 34.2                                 | 0.98      | 46.8      | 19.3     |
| KGKRC125 | 99.00     | 100.00  | 9584                                  | 22572                   | 2773                                  | 9170                                  | 910                                   | 164.0                                 | 282.8                                 | 18.5                                  | 47.1                                  | 5.0                                   | 7.1                                   | 0.6                                   | 3.4                                   | 0.5                                   | 102.7                                | 4.56      | 167.1     | 26.2     |
| KGKRC125 | 100.00    | 101.00  | NS                                    | NS                      | NS                                    | NS                                    | NS                                    | NS                                    | NS                                    | NS                                    | NS                                    | NS                                    | NS                                    | NS                                    | NS                                    | NS                                    | NS                                   | NS        | NS        | NS       |
| KGKRC125 | 101.00    | 102.00  | 2201                                  | 5079                    | 617                                   | 2143                                  | 269                                   | 57.1                                  | 109.7                                 | 9.5                                   | 35.5                                  | 4.8                                   | 10.8                                  | 1.4                                   | 6.1                                   | 0.8                                   | 136.3                                | 1.07      | 44.8      | 18.2     |
| KGKRC125 | 102.00    | 103.00  | 1170                                  | 2727                    | 348                                   | 1270                                  | 180                                   | 41.8                                  | 83.8                                  | 8.1                                   | 31.1                                  | 4.4                                   | 9.2                                   | 0.9                                   | 5.0                                   | 0.7                                   | 118.9                                | 0.60      | 29.3      | 17.5     |
| KGKRC125 | 103.00    | 104.00  | 1682                                  | 3476                    | 397                                   | 1309                                  | 168                                   | 39.0                                  | 91.0                                  | 10.1                                  | 46.1                                  | 7.0                                   | 16.0                                  | 1.8                                   | 10.0                                  | 1.5                                   | 192.8                                | 0.74      | 33.3      | 20.9     |
| KGKRC125 | 104.00    | 105.00  | 2641                                  | 5331                    | 582                                   | 1797                                  | 169                                   | 36.1                                  | 69.3                                  | 6.6                                   | 26.6                                  | 3.7                                   | 8.1                                   | 0.8                                   | 5.9                                   | 1.0                                   | 111.6                                | 1.08      | 35.4      | 15.8     |
| KGKRC125 | 105.00    | 106.00  | 1108                                  | 2372                    | 284                                   | 993                                   | 131                                   | 30.5                                  | 65.7                                  | 8.0                                   | 33.6                                  | 5.6                                   | 12.7                                  | 1.6                                   | 9.8                                   | 1.4                                   | 160.8                                | 0.52      | 28.7      | 16.5     |
| KGKRC125 | 106.00    | 107.00  | 836                                   | 1958                    | 252                                   | 923                                   | 147                                   | 37.6                                  | 85.9                                  | 10.4                                  | 47.7                                  | 7.7                                   | 17.6                                  | 1.9                                   | 9.0                                   | 1.5                                   | 223.3                                | 0.46      | 36.6      | 11.3     |
| KGKRC125 | 107.00    | 108.00  | 2697                                  | 4961                    | 530                                   | 1639                                  | 184                                   | 41.5                                  | 86.2                                  | 9.5                                   | 44.1                                  | 6.8                                   | 14.2                                  | 2.1                                   | 10.5                                  | 1.3                                   | 183.4                                | 1.04      | 30.3      | 10.7     |
| KGKRC125 | 108.00    | 109.00  | 6548                                  | 11739                   | 1205                                  | 3450                                  | 268                                   | 48.8                                  | 82.1                                  | 6.2                                   | 18.1                                  | 2.2                                   | 3.9                                   | 0.5                                   | 2.1                                   | 0.2                                   | 52.1                                 | 2.34      | 41.7      | 9.6      |
| KGKRC125 | 109.00    | 110.00  | 4554                                  | 8474                    | 871                                   | 2470                                  | 183                                   | 30.9                                  | 50.7                                  | 3.9                                   | 10.8                                  | 1.5                                   | 2.5                                   | 0.2                                   | 1.4                                   | 0.3                                   | 32.8                                 | 1.67      | 28.3      | 12.5     |
| KGKRC125 | 110.00    | 111.00  | 6104                                  | 11347                   | 1166                                  | 3328                                  | 241                                   | 41.8                                  | 69.2                                  | 4.8                                   | 14.1                                  | 1.5                                   | 2.6                                   | 0.2                                   | 1.4                                   | 0.2                                   | 32.6                                 | 2.24      | 35.9      | 9.5      |
| KGKRC125 | 111.00    | 112.00  | 6362                                  | 11682                   | 1189                                  | 3457                                  | 263                                   | 46.9                                  | 80.9                                  | 5.9                                   | 14.8                                  | 1.5                                   | 2.4                                   | 0.2                                   | 1.7                                   | 0.2                                   | 37.1                                 | 2.31      | 38.4      | 11.6     |
| KGKRC125 | 112.00    | 113.00  | 1974                                  | 4415                    | 524                                   | 1704                                  | 168                                   | 30.8                                  | 54.4                                  | 3.9                                   | 13.2                                  | 1.4                                   | 3.2                                   | 0.3                                   | 2.0                                   | 0.3                                   | 37.6                                 | 0.89      | 27.5      | 10.0     |
| KGKRC125 | 113.00    | 114.00  | 1698                                  | 3745                    | 449                                   | 1511                                  | 175                                   | 35.9                                  | 73.5                                  | 7.2                                   | 31.6                                  | 4.7                                   | 12.6                                  | 1.4                                   | 9.5                                   | 1.3                                   | 144.1                                | 0.79      | 34.4      | 11.1     |
| KGKRC125 | 114.00    | 115.00  | 1427                                  | 2987                    | 349                                   | 1151                                  | 146                                   | 31.8                                  | 69.2                                  | 7.4                                   | 32.3                                  | 5.2                                   | 12.7                                  | 1.4                                   | 10.2                                  | 1.4                                   | 155.1                                | 0.64      | 32.1      | 14.9     |
| KGKRC125 | 115.00    | 116.00  | 964                                   | 2160                    | 274                                   | 967                                   | 147                                   | 37.2                                  | 91.3                                  | 11.1                                  | 54.6                                  | 9.2                                   | 22.1                                  | 2.7                                   | 19.5                                  | 3.0                                   | 287.8                                | 0.50      | 63.4      | 14.9     |
| KGKRC125 | 116.00    | 117.00  | 1770                                  | 3517                    | 401                                   | 1300                                  | 144                                   | 31.2                                  | 64.7                                  | 6.2                                   | 25.9                                  | 4.0                                   | 9.0                                   | 1.4                                   | 8.6                                   | 1.3                                   | 122.6                                | 0.74      | 35.2      | 12.6     |
| KGKRC125 | 117.00    | 118.00  | 5915                                  | 10164                   | 1033                                  | 2926                                  | 225                                   | 40.3                                  | 72.6                                  | 5.3                                   | 15.3                                  | 1.5                                   | 3.1                                   | 0.2                                   | 1.4                                   | 0.2                                   | 39.8                                 | 2.04      | 39.4      | 9.9      |
| KGKRC125 | 118.00    | 119.00  | 2952                                  | 5725                    | 613                                   | 1829                                  | 163                                   | 29.3                                  | 51.6                                  | 4.1                                   | 11.0                                  | 1.4                                   | 2.4                                   | 0.2                                   | 1.9                                   | 0.2                                   | 31.5                                 | 1.14      | 31.5      | 14.7     |
| KGKRC125 | 119.00    | 120.00  | 3040                                  | 5949                    | 649                                   | 1970                                  | 174                                   | 32.1                                  | 55.8                                  | 3.9                                   | 12.2                                  | 1.4                                   | 2.7                                   | 0.1                                   | 1.5                                   | 0.1                                   | 34.8                                 | 1.19      | 36.2      | 14.0     |
| KGKRC125 | 120.00    | 121.00  | 1345                                  | 2647                    | 303                                   | 1003                                  | 130                                   | 31.4                                  | 75.1                                  | 8.9                                   | 44.3                                  | 7.1                                   | 15.9                                  | 2.1                                   | 13.2                                  | 1.9                                   | 210.2                                | 0.58      | 46.5      | 19.7     |
| KGKRC125 | 121.00    | 122.00  | 1015                                  | 2083                    | 247                                   | 845                                   | 127                                   | 30.9                                  | 79.1                                  | 9.9                                   | 48.9                                  | 7.9                                   | 18.4                                  | 2.2                                   | 13.5                                  | 1.9                                   | 236.1                                | 0.48      | 42.1      | 16.2     |
| KGKRC125 | 122.00    | 123.00  | 5290                                  | 10221                   | 1112                                  | 3345                                  | 287                                   | 54.7                                  | 100.2                                 | 8.4                                   | 26.5                                  | 3.2                                   | 6.3                                   | 0.7                                   | 4.8                                   | 0.6                                   | 86.1                                 | 2.05      | 54.8      | 11.3     |
| KGKRC125 | 123.00    | 124.00  | 1205                                  | 2545                    | 303                                   | 1046                                  | 144                                   | 35.0                                  | 78.4                                  | 8.1                                   | 38.5                                  | 5.6                                   | 13.2                                  | 1.5                                   | 9.8                                   | 1.3                                   | 169.4                                | 0.56      | 28.5      | 14.0     |
| KGKRC125 | 124.00    | 125.00  | 949                                   | 1927                    | 231                                   | 789                                   | 118                                   | 30.1                                  | 71.3                                  | 8.0                                   | 37.6                                  | 6.1                                   | 13.3                                  | 1.5                                   | 10.2                                  | 1.4                                   | 163.8                                | 0.44      | 32.7      | 12.0     |
| KGKRC125 | 125.00    | 126.00  | 3144                                  | 6240                    | 687                                   | 2109                                  | 201                                   | 38.8                                  | 79.2                                  | 6.8                                   | 26.3                                  | 3.8                                   | 8.1                                   | 1.0                                   | 5.7                                   | 1.0                                   | 110.6                                | 1.27      | 49.9      | 11.8     |
| KGKRC125 | 126.00    | 127.00  | 5059                                  | 10003                   | 1069                                  | 3171                                  | 240                                   | 41.3                                  | 68.6                                  | 4.9                                   | 14.4                                  | 1.4                                   | 2.4                                   | 0.2                                   | 1.1                                   | 0.1                                   | 35.7                                 | 1.97      | 42.2      | 8.6      |
| KGKRC125 | 127.00    | 128.00  | 5135                                  | 10118                   | 1076                                  | 3182                                  | 249                                   | 43.0                                  | 70.3                                  | 5.4                                   | 14.4                                  | 1.6                                   | 2.6                                   | 0.2                                   | 1.3                                   | 0.2                                   | 35.9                                 | 1.99      | 43.5      | 9.9      |
| KGKRC125 | 128.00    | 129.00  | 4940                                  | 9349                    | 979                                   | 2847                                  | 228                                   | 40.6                                  | 70.8                                  | 5.5                                   | 17.6                                  | 1.7                                   | 3.2                                   | 0.3                                   | 1.9                                   | 0.2                                   | 43.6                                 | 1.85      | 44.9      | 7.1      |
| KGKRC125 | 129.00    | 130.00  | 4697                                  | 9179                    | 965                                   | 2821                                  | 211                                   | 36.9                                  | 65.3                                  | 5.2                                   | 15.7                                  | 2.2                                   | 3.5                                   | 0.3                                   | 2.3                                   | 0.2                                   | 47.5                                 | 1.81      | 39.7      | 7.7      |
| KGKRC125 | 130.00    | 131.00  | 6997                                  | 13727                   | 1452                                  | 4215                                  | 320                                   | 58.0                                  | 97.8                                  | 7.5                                   | 24.5                                  | 2.9                                   | 5.0                                   | 0.5                                   | 2.3                                   | 0.5                                   | 67.2                                 | 2.70      | 67.1      | 8.0      |
| KGKRC125 | 131.00    | 132.00  | 7222                                  | 14180                   | 1496                                  | 4357                                  | 329                                   | 56.0                                  | 94.6                                  | 6.6                                   | 18.6                                  | 1.6                                   | 2.9                                   | 0.2                                   | 1.0                                   | 0.1                                   | 40.6                                 | 2.78      | 60.8      | 7.2      |
| KGKRC125 | 132.00    | 133.00  | 4242                                  | 8482                    | 916                                   | 2628                                  | 199                                   | 35.1                                  | 57.9                                  | 3.8                                   | 10.4                                  | 1.2                                   | 1.9                                   | 0.1                                   | 1.1                                   | 0.1                                   | 26.0                                 | 1.66      | 35.9      | 7.0      |
| KGKRC125 | 133.00    | 134.00  | 9990                                  | 18848                   | 1966                                  | 5705                                  | 439                                   | 76.5                                  | 131.1                                 | 9.1                                   | 23.5                                  | 2.3                                   | 3.5                                   | 0.2                                   | 1.6                                   | 0.1                                   | 48.0                                 | 3.72      | 84.8      | 6.9      |
| KGKRC125 | 134.00    | 135.00  | 9101                                  | 17381                   | 1818                                  | 5234                                  | 391                                   | 66.8                                  | 112.2                                 | 8.1                                   | 21.6                                  | 2.2                                   | 3.3                                   | 0.2                                   | 1.3                                   | 0.2                                   | 48.5                                 | 3.42      | 64.7      | 7.8      |
| KGKRC125 | 135.00    | 136.00  | 8937                                  | 17019                   | 1813                                  | 5268                                  | 413                                   | 73.4                                  | 124.8                                 | 9.4                                   | 30.5                                  | 3.4                                   | 7.3                                   | 0.6                                   | 3.9                                   | 0.6                                   | 88.9                                 | 3.38      | 70.0      | 12.9     |
| KGKRC125 | 136.00    | 137.00  | 3863                                  | 7121                    | 765                                   | 2381                                  | 279                                   | 61.6                                  | 135.9                                 | 13.6                                  | 57.4                                  | 8.0                                   | 17.3                                  | 1.6                                   | 10.8                                  | 1.4                                   | 235.8                                | 1.50      | 48.7      | 12.1     |
| KGKRC125 | 137.00    | 138.00  | 1559                                  | 3086                    | 366                                   | 1272                                  | 206                                   | 54.1                                  | 128.3                                 | 16.4                                  | 74.7                                  | 11.9                                  | 27.3                                  | 3.4                                   | 20.8                                  | 3.0                                   | 352.7                                | 0.72      | 92.3      | 13.0     |

# LINDIAN

RESOURCES LTD.

| Hole ID  | From<br>m | To<br>m | La <sub>2</sub> O <sub>3</sub><br>ppm | CeO <sub>2</sub><br>ppm | Pr <sub>2</sub> O <sub>3</sub><br>ppm | Nd <sub>2</sub> O <sub>3</sub><br>ppm | Sm <sub>2</sub> O <sub>3</sub><br>ppm | Eu <sub>2</sub> O <sub>3</sub><br>ppm | Gd <sub>2</sub> O <sub>3</sub><br>ppm | Tb <sub>2</sub> O <sub>3</sub><br>ppm | Dy <sub>2</sub> O <sub>3</sub><br>ppm | Ho <sub>2</sub> O <sub>3</sub><br>ppm | Er <sub>2</sub> O <sub>3</sub><br>ppm | Tm <sub>2</sub> O <sub>3</sub><br>ppm | Yb <sub>2</sub> O <sub>3</sub><br>ppm | Lu <sub>2</sub> O <sub>3</sub><br>ppm | Y <sub>2</sub> O <sub>3</sub><br>ppm | TREO<br>% | Th<br>ppm | U<br>ppm |
|----------|-----------|---------|---------------------------------------|-------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|--------------------------------------|-----------|-----------|----------|
| KGKRC125 | 138.00    | 139.00  | 3150                                  | 7603                    | 894                                   | 2893                                  | 267                                   | 49.3                                  | 88.6                                  | 6.8                                   | 22.4                                  | 2.6                                   | 5.7                                   | 0.6                                   | 4.5                                   | 0.7                                   | 74.7                                 | 1.51      | 77.7      | 13.4     |
| KGKRC125 | 139.00    | 140.00  | 2342                                  | 5420                    | 647                                   | 2122                                  | 225                                   | 45.0                                  | 85.7                                  | 7.7                                   | 28.8                                  | 3.8                                   | 8.5                                   | 0.9                                   | 6.5                                   | 1.0                                   | 106.5                                | 1.11      | 56.9      | 11.3     |
| KGKRC125 | 140.00    | 141.00  | 1194                                  | 2672                    | 325                                   | 1103                                  | 134                                   | 28.6                                  | 62.4                                  | 6.4                                   | 26.5                                  | 4.1                                   | 10.8                                  | 1.7                                   | 11.4                                  | 1.8                                   | 125.0                                | 0.57      | 60.9      | 12.4     |
| KGKRC125 | 141.00    | 142.00  | 3867                                  | 8183                    | 916                                   | 2810                                  | 257                                   | 47.4                                  | 91.4                                  | 8.5                                   | 33.2                                  | 4.6                                   | 10.6                                  | 1.4                                   | 9.6                                   | 1.5                                   | 130.8                                | 1.64      | 72.1      | 17.3     |
| KGKRC125 | 142.00    | 143.00  | 1722                                  | 3347                    | 361                                   | 1146                                  | 141                                   | 35.6                                  | 77.3                                  | 7.8                                   | 32.8                                  | 4.9                                   | 13.2                                  | 1.7                                   | 11.9                                  | 1.7                                   | 151.6                                | 0.71      | 82.2      | 10.6     |
| KGKRC125 | 143.00    | 144.00  | 3336                                  | 6337                    | 660                                   | 1909                                  | 161                                   | 31.4                                  | 60.6                                  | 5.8                                   | 20.5                                  | 3.1                                   | 6.1                                   | 0.8                                   | 4.7                                   | 0.6                                   | 72.4                                 | 1.26      | 37.8      | 11.3     |
| KGKRC125 | 144.00    | 145.00  | 9193                                  | 14106                   | 1234                                  | 3129                                  | 214                                   | 40.6                                  | 78.1                                  | 8.1                                   | 28.6                                  | 4.1                                   | 10.4                                  | 0.9                                   | 6.9                                   | 0.8                                   | 113.9                                | 2.82      | 43.4      | 11.8     |
| KGKRC125 | 145.00    | 146.00  | 6318                                  | 10603                   | 985                                   | 2565                                  | 162                                   | 29.5                                  | 55.1                                  | 5.1                                   | 18.8                                  | 2.5                                   | 5.6                                   | 0.7                                   | 5.1                                   | 0.6                                   | 72.6                                 | 2.08      | 25.1      | 8.9      |
| KGKRC125 | 146.00    | 147.00  | 1154                                  | 2141                    | 220                                   | 650                                   | 65                                    | 14.8                                  | 32.4                                  | 3.4                                   | 14.2                                  | 2.3                                   | 5.5                                   | 0.7                                   | 4.0                                   | 0.6                                   | 61.3                                 | 0.44      | 15.9      | 11.1     |
| KGKRC125 | 147.00    | 148.00  | 1024                                  | 2119                    | 247                                   | 838                                   | 122                                   | 30.7                                  | 70.8                                  | 8.0                                   | 35.6                                  | 5.7                                   | 12.5                                  | 1.4                                   | 8.6                                   | 1.3                                   | 146.9                                | 0.47      | 15.5      | 9.1      |
| KGKRC125 | 148.00    | 149.00  | 893                                   | 1772                    | 200                                   | 684                                   | 106                                   | 27.4                                  | 66.1                                  | 7.8                                   | 38.2                                  | 6.1                                   | 15.7                                  | 1.9                                   | 11.8                                  | 1.7                                   | 185.0                                | 0.40      | 14.3      | 8.6      |
| KGKRC125 | 149.00    | 150.00  | 3621                                  | 7802                    | 878                                   | 2736                                  | 266                                   | 51.1                                  | 96.8                                  | 7.7                                   | 27.7                                  | 3.6                                   | 7.9                                   | 1.0                                   | 6.4                                   | 0.8                                   | 102.0                                | 1.56      | 57.4      | 9.9      |

## JORC Code, 2012 Edition – Table 1 report

### Section 1 Sampling Techniques and Data

(Criteria in this section apply to all succeeding sections.)

| Criteria              | JORC Code explanation                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Commentary                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|-----------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Sampling techniques   | <ul style="list-style-type: none"> <li>Nature and quality of sampling (e.g. cut channels, random chips, or specific specialised industry standard measurement tools appropriate to the minerals under investigation, such as down hole gamma sondes, or handheld XRF instruments, etc). These examples should not be taken as limiting the broad meaning of sampling.</li> <li>Include reference to measures taken to ensure sample representivity and the appropriate calibration of any measurement tools or systems used.</li> <li>Aspects of the determination of mineralisation that are Material to the Public Report.</li> <li>In cases where 'industry standard' work has been done this would be relatively simple (e.g. 'reverse circulation drilling was used to obtain 1 m samples from which 3 kg was pulverised to produce a 30 g charge for fire assay'). In other cases, more explanation may be required, such as where there is coarse gold that has inherent sampling problems. Unusual commodities or mineralisation types (e.g. submarine nodules) may warrant disclosure of detailed information.</li> </ul> | <p><b>Reverse Circulation Drilling</b></p> <p>Reverse circulation drilling sampled on 1 metre intervals.</p> <p>Riffle split sample mass averaging 1.5kg crushed, pulverized using standard laboratory procedures with subsample assayed using appropriate methods for rare earth element total digestion and analysis.</p> <p><b>Diamond Core Drilling</b></p> <p>Drill core was collected from a core barrel and placed in appropriately marked core trays. Down hole core run depths were measured and marked with core blocks. Core was measured for core loss and core photography and geological logging completed.</p> <p>Sample lengths were determined by geological boundaries with a maximum sample length of 1 metre and minimum of 0.2 metre applied.</p> <p>Core was cut using a core saw and sampled on site at Kangankunde.</p> <p>Core was initially cut in half then one half was further cut in half to give quarter core.</p> <p>Quarter core was submitted to ALS for chemical analysis using industry standard sample preparation and analytical techniques.</p> |
| Drilling techniques   | <ul style="list-style-type: none"> <li>Drill type (e.g. core, reverse circulation, open-hole hammer, rotary air blast, auger, Bangka, sonic, etc) and details (e.g. core diameter, triple or standard tube, depth of diamond tails, face-sampling bit or other type, whether core is oriented and if so, by what method, etc).</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | <p><b>Reverse Circulation Drilling</b></p> <p>Standard reverse circulation drilling using 5 ¼ inch face sampling hammer.</p> <p><b>Diamond Core Drilling</b></p> <p>Core size was HQ triple tube with a nominal diameter of 61.1mm.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Drill sample recovery | <ul style="list-style-type: none"> <li>Method of recording and assessing core and chip sample recoveries and results assessed.</li> <li>Measures taken to maximise sample recovery and ensure representative nature of the samples.</li> <li>Whether a relationship exists between sample recovery and grade and whether</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | <p><b>Reverse Circulation Drilling</b></p> <p>Samples collected on a 1 drilled metre interval. Rock cuttings collected in large plastic bags marked with hole ID and interval from-to via a standard sample collection cyclone.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |

| Criteria                                       | JORC Code explanation                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Commentary                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                                | <i>sample bias may have occurred due to preferential loss/gain of fine/coarse material.</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | <p>All 1 metre interval bags are weighed in the field after removal from the sample collection cyclone. Collected sample mass is measured on a tared digital scale and recorded in drill hole data files.</p> <p>Sample recovery is maximized by:</p> <ul style="list-style-type: none"> <li>Installing PVC collar pipe in the upper fractured rock zone of the hole to a depth where air loss is minimised and sample return is consistent.</li> <li>Sample cyclone is sealed to plastic sample collection bags do not leak</li> </ul> <p>Sample return was variable with:</p> <ul style="list-style-type: none"> <li>Occasional natural voids of up to 7 metres having &lt;10%, often 0% return</li> <li>Intervals of rock fracturing and loss of air circulation having recoveries averaging 30-60%</li> <li>Competent rock proved good sample recovery averaging &gt;90%</li> </ul> <p>No relationship exists between sample recovery and grade.</p> <p><b>Diamond Core Drilling</b></p> <p>Core recovery was calculated by measuring actual core length versus drillers core run lengths. Core recovery ranged from 0% in instances where voids or structures caused complete core loss to 100% and averaged 92%.</p> <ul style="list-style-type: none"> <li>No relationship exists between core recovery and grade.</li> </ul> |
| Logging                                        | <ul style="list-style-type: none"> <li><i>Whether core and chip samples have been geologically and geotechnically logged to a level of detail to support appropriate Mineral Resource estimation, mining studies and metallurgical studies.</i></li> <li><i>Whether logging is qualitative or quantitative in nature. Core (or costean, channel, etc) photography.</i></li> <li><i>The total length and percentage of the relevant intersections logged.</i></li> </ul>                                                                                                                                                                                                                                                                                                                  | <p>All RC chips and core has been geologically logged by the onsite geologist and chip and core trays retained and photographed</p> <p>Logging is qualitative with fields including shade, colour, weathering, grainsize, texture, lithology, veining, mineralisation and alteration.</p> <p>Additional non-geological qualitative logging includes comments for sample recovery, moisture, and hardness for each logged interval.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Sub-sampling techniques and sample preparation | <ul style="list-style-type: none"> <li><i>If core, whether cut or sawn and whether quarter, half or all core taken.</i></li> <li><i>If non-core, whether riffled, tube sampled, rotary split, etc and whether sampled wet or dry.</i></li> <li><i>For all sample types, the nature, quality and appropriateness of the sample preparation technique.</i></li> <li><i>Quality control procedures adopted for all sub-sampling stages to maximise representivity of samples.</i></li> <li><i>Measures taken to ensure that the sampling is representative of the in situ material collected, including for instance results for field duplicate/second-half sampling.</i></li> <li><i>Whether sample sizes are appropriate to the grain size of the material being sampled.</i></li> </ul> | <p><b>Reverse Circulation Drilling</b></p> <p>Plastic sample collection bags have been split using a 2-tier riffle splitter to achieve a ¼ sub sample of the original mass.</p> <p>This split is then halved in a single tier splitter to give 2 equal samples of approximately 1kg to 2kg in mass. These are denoted split A and split B</p> <p>Each interval is provided with a unique sample number which is written on the subsample bags and corresponding numbered sample tickets are placed within the sub sample bags and stapled into the rolled top of each bag.</p> <p>Both split A and split B samples are weighed with mass recorded in the drill hole file for database upload.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |

| Criteria                                   | JORC Code explanation                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Commentary                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                    |                        |                          |                         |                          |                                |                                         |                  |                     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |   |   |    |    |    |       |     |       |     |      |
|--------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------|------------------------|--------------------------|-------------------------|--------------------------|--------------------------------|-----------------------------------------|------------------|---------------------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|---|---|----|----|----|-------|-----|-------|-----|------|
|                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | <p>Split A samples are dispatched for laboratory analysis. Split B samples are retained in storage at Kangankunde for future reference as required.</p> <p>Sample weights were recorded prior to sample dispatch. Sample mass is considered appropriate for the grain size of the material being sampled.</p> <p><b>Diamond Core Drilling</b></p> <p>Samples were collected from core trays by hand and placed in individually numbered bags. These bags were dispatched to the assay laboratory for analysis with no further field preparation.</p> <p>Sample weights were recorded prior to sample dispatch. Sample mass is considered appropriate for the grain size of the material being sampled.</p> <p>Field duplicate sampling was conducted at a ratio of 1:20 samples. Duplicates were created by lengthways halving the ¼ core primary sample into 2 identical portions. Duplicate samples were allocated separate sample numbers and submitted with the same analytical batch as the primary sample.</p>                                                                                                                                                                                                                                                                                                                                                                                                          |                    |                        |                          |                         |                          |                                |                                         |                  |                     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |   |   |    |    |    |       |     |       |     |      |
| Quality of assay data and laboratory tests | <ul style="list-style-type: none"><li><i>The nature, quality and appropriateness of the assaying and laboratory procedures used and whether the technique is considered partial or total.</i></li><li><i>For geophysical tools, spectrometers, handheld XRF instruments, etc, the parameters used in determining the analysis including instrument make and model, reading times, calibrations factors applied and their derivation, etc.</i></li><li><i>Nature of quality control procedures adopted (e.g. standards, blanks, duplicates, external laboratory checks) and whether acceptable levels of accuracy (i.e. lack of bias) and precision have been established.</i></li></ul> | <p><b>Assay and Laboratory Procedures – All Samples</b></p> <p>Samples were dispatched by air freight direct to Intertek laboratory Johannesburg South Africa for sample preparation.</p> <table border="1"><tr><td><b>Description</b></td></tr><tr><td>Received sample weight</td></tr><tr><td>Sample Login w/o Barcode</td></tr><tr><td>High temperature drying</td></tr><tr><td>Fine crushing – 70% &lt;2mm</td></tr><tr><td>Split sample – Riffle splitter</td></tr><tr><td>Pulverise 250g to 85% passing 75 micron</td></tr><tr><td>Crushing QC Test</td></tr><tr><td>Pulverising QC test</td></tr></table> <p>Following sample preparation, a 30 gram pulverized subsample is shipped by airfreight to Intertek Perth for analysis</p> <p>The assay technique used for REE was Lithium Borate Fusion ICP-MS (lab code CP MS-OES (FB6/OM)). This is a recognised industry standard analysis technique for REE suite and associated elements. Elements analysed at ppm levels:</p> <table border="1"><tr><td>Ba</td><td>Cd</td><td>Ce</td><td>Dy</td><td>Er</td><td>Eu</td><td>Ga</td><td>Gd</td></tr><tr><td>Ho</td><td>La</td><td>Lu</td><td>Nb</td><td>Nd</td><td>Pr</td><td>Rb</td><td>Sc</td></tr><tr><td>Sm</td><td>Sr</td><td>Ta</td><td>Tb</td><td>Th</td><td>Tm</td><td>U</td><td>Y</td></tr><tr><td>Yb</td><td>Zn</td><td>Zr</td><td>Al2O3</td><td>CaO</td><td>Fe2O3</td><td>MnO</td><td>P2O5</td></tr></table> | <b>Description</b> | Received sample weight | Sample Login w/o Barcode | High temperature drying | Fine crushing – 70% <2mm | Split sample – Riffle splitter | Pulverise 250g to 85% passing 75 micron | Crushing QC Test | Pulverising QC test | Ba | Cd | Ce | Dy | Er | Eu | Ga | Gd | Ho | La | Lu | Nb | Nd | Pr | Rb | Sc | Sm | Sr | Ta | Tb | Th | Tm | U | Y | Yb | Zn | Zr | Al2O3 | CaO | Fe2O3 | MnO | P2O5 |
| <b>Description</b>                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                    |                        |                          |                         |                          |                                |                                         |                  |                     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |   |   |    |    |    |       |     |       |     |      |
| Received sample weight                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                    |                        |                          |                         |                          |                                |                                         |                  |                     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |   |   |    |    |    |       |     |       |     |      |
| Sample Login w/o Barcode                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                    |                        |                          |                         |                          |                                |                                         |                  |                     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |   |   |    |    |    |       |     |       |     |      |
| High temperature drying                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                    |                        |                          |                         |                          |                                |                                         |                  |                     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |   |   |    |    |    |       |     |       |     |      |
| Fine crushing – 70% <2mm                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                    |                        |                          |                         |                          |                                |                                         |                  |                     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |   |   |    |    |    |       |     |       |     |      |
| Split sample – Riffle splitter             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                    |                        |                          |                         |                          |                                |                                         |                  |                     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |   |   |    |    |    |       |     |       |     |      |
| Pulverise 250g to 85% passing 75 micron    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                    |                        |                          |                         |                          |                                |                                         |                  |                     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |   |   |    |    |    |       |     |       |     |      |
| Crushing QC Test                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                    |                        |                          |                         |                          |                                |                                         |                  |                     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |   |   |    |    |    |       |     |       |     |      |
| Pulverising QC test                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                    |                        |                          |                         |                          |                                |                                         |                  |                     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |   |   |    |    |    |       |     |       |     |      |
| Ba                                         | Cd                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Ce                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Dy                 | Er                     | Eu                       | Ga                      | Gd                       |                                |                                         |                  |                     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |   |   |    |    |    |       |     |       |     |      |
| Ho                                         | La                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Lu                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Nb                 | Nd                     | Pr                       | Rb                      | Sc                       |                                |                                         |                  |                     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |   |   |    |    |    |       |     |       |     |      |
| Sm                                         | Sr                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Ta                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Tb                 | Th                     | Tm                       | U                       | Y                        |                                |                                         |                  |                     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |   |   |    |    |    |       |     |       |     |      |
| Yb                                         | Zn                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Zr                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Al2O3              | CaO                    | Fe2O3                    | MnO                     | P2O5                     |                                |                                         |                  |                     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |   |   |    |    |    |       |     |       |     |      |

| Criteria                              | JORC Code explanation                                                                                                                                                                                                                                                                                                                                                                                | Commentary                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |      |  |  |  |  |  |  |  |
|---------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|--|--|--|--|--|--|--|
|                                       |                                                                                                                                                                                                                                                                                                                                                                                                      | <table><tr><td>SiO2</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr></table> <p>The sample preparation and assay techniques used are industry standard and provide a total analysis.</p> <p>All laboratories used are ISO 17025 accredited.</p> <p><b>QAQC</b></p> <p><b>Analytical Standards</b><br/>CRM AMIS0356 and OREAS006 were included in sample batches at a ratio of 1:20 to drill samples submitted. This is an acceptable ratio.</p> <p>The assay results for the standards were consistent with the certified levels of accuracy and precision and no bias is evident.</p> <p><b>Blanks</b><br/>A blank sourced from local barren rock was included in sample batches at a ratio of 1:20 to drill samples submitted for analysis. This is an acceptable ratio.</p> <p>No laboratory contamination or bias is evident from results for the blank samples.</p> <p><b>Duplicates</b><br/>Field duplicate sampling was conducted at a ratio of 1:20 samples. Duplicates were created by replicating the sampling process from the primary sample. Duplicate samples were allocated separate sample numbers and submitted with the same analytical batch as the primary sample. Variability between duplicate results is considered acceptable and no sampling bias is evident.</p> <p><b>Alternative Analysis Technique</b><br/>No alternative analytical method analysis has been undertaken.</p> | SiO2 |  |  |  |  |  |  |  |
| SiO2                                  |                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |      |  |  |  |  |  |  |  |
| Verification of sampling and assaying | <ul style="list-style-type: none"><li><i>The verification of significant intersections by either independent or alternative company personnel.</i></li><li><i>The use of twinned holes.</i></li><li><i>Documentation of primary data, data entry procedures, data verification, data storage (physical and electronic) protocols.</i></li><li><i>Discuss any adjustment to assay data.</i></li></ul> | <p>No independent verification of significant intersection undertaken.</p> <p>Sampling protocols for sampling and QAQC were documented and held on site by the responsible geologist. No procedures for data storage and management have been compiled yet.</p> <p>Data collected in the field by hand and entered into Excel spreadsheet. Data are then compiled with assay results compiled and stored in a secure database managed by Geobase Australia a professional provider of database services. Data verification is conducted on data entry including hole depths, sample intervals and sample numbers. Sample numbers from assay data are verified prior to entry into the database.</p> <p>Assay data was received in digital format from the laboratory and merged with the sampling data in the database.</p> <p>Data validation of assay data and sampling data have been conducted to ensure data entry is correct.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |      |  |  |  |  |  |  |  |

| Criteria                | JORC Code explanation                                                                                                                                                                                                                                                         | Commentary                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |             |                   |            |    |        |                  |    |        |                                |    |        |                                |    |        |                                |    |        |                                |    |        |                                |    |        |                                |    |        |                                |    |        |                                |    |        |                                 |    |        |                                |    |        |                                |    |        |                                |   |        |                               |    |        |                                |
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|                         |                                                                                                                                                                                                                                                                               | <p>All assay data received from the laboratory in element form is unadjusted for data entry.</p> <p>Conversion of elemental analysis (REE) to stoichiometric oxide (REO) was undertaken by spreadsheet using defined conversion factors.(Source:<a href="https://www.jcu.edu.au/advanced-analytical-centre/services-and-resources/resources-and-extras/element-to-stoichiometric-oxide-conversion-factors">https://www.jcu.edu.au/advanced-analytical-centre/services-and-resources/resources-and-extras/element-to-stoichiometric-oxide-conversion-factors</a>)</p> <table border="1"> <thead> <tr> <th>Element ppm</th><th>Conversion Factor</th><th>Oxide Form</th></tr> </thead> <tbody> <tr><td>Ce</td><td>1.2284</td><td>CeO<sub>2</sub></td></tr> <tr><td>Dy</td><td>1.1477</td><td>Dy<sub>2</sub>O<sub>3</sub></td></tr> <tr><td>Er</td><td>1.1435</td><td>Er<sub>2</sub>O<sub>3</sub></td></tr> <tr><td>Eu</td><td>1.1579</td><td>Eu<sub>2</sub>O<sub>3</sub></td></tr> <tr><td>Gd</td><td>1.1526</td><td>Gd<sub>2</sub>O<sub>3</sub></td></tr> <tr><td>Ho</td><td>1.1455</td><td>Ho<sub>2</sub>O<sub>3</sub></td></tr> <tr><td>La</td><td>1.1728</td><td>La<sub>2</sub>O<sub>3</sub></td></tr> <tr><td>Lu</td><td>1.1371</td><td>Lu<sub>2</sub>O<sub>3</sub></td></tr> <tr><td>Nd</td><td>1.1664</td><td>Nd<sub>2</sub>O<sub>3</sub></td></tr> <tr><td>Pr</td><td>1.2082</td><td>Pr<sub>6</sub>O<sub>11</sub></td></tr> <tr><td>Sm</td><td>1.1596</td><td>Sm<sub>2</sub>O<sub>3</sub></td></tr> <tr><td>Tb</td><td>1.1762</td><td>Tb<sub>4</sub>O<sub>7</sub></td></tr> <tr><td>Tm</td><td>1.1421</td><td>Tm<sub>2</sub>O<sub>3</sub></td></tr> <tr><td>Y</td><td>1.2699</td><td>Y<sub>2</sub>O<sub>3</sub></td></tr> <tr><td>Yb</td><td>1.1387</td><td>Yb<sub>2</sub>O<sub>3</sub></td></tr> </tbody> </table> <p>Rare earth oxide is the industry accepted form for reporting rare earths. The following calculations are used for compiling REO into their reporting and evaluation groups:</p> <p>Note that Y<sub>2</sub>O<sub>3</sub> is included in the TREO calculation.</p> <p>TREO (Total Rare Earth Oxide) = La<sub>2</sub>O<sub>3</sub> + CeO<sub>2</sub> + Pr<sub>6</sub>O<sub>11</sub> + Nd<sub>2</sub>O<sub>3</sub> + Sm<sub>2</sub>O<sub>3</sub> + Eu<sub>2</sub>O<sub>3</sub> + Gd<sub>2</sub>O<sub>3</sub> + Tb<sub>4</sub>O<sub>7</sub> + Dy<sub>2</sub>O<sub>3</sub> + Ho<sub>2</sub>O<sub>3</sub> + Er<sub>2</sub>O<sub>3</sub> + Tm<sub>2</sub>O<sub>3</sub> + Yb<sub>2</sub>O<sub>3</sub> + Y<sub>2</sub>O<sub>3</sub> + Lu<sub>2</sub>O<sub>3</sub>.</p> <p>HREO (Heavy Rare Earth Oxide) = Sm<sub>2</sub>O<sub>3</sub> + Eu<sub>2</sub>O<sub>3</sub> + Gd<sub>2</sub>O<sub>3</sub> + Tb<sub>4</sub>O<sub>7</sub> + Dy<sub>2</sub>O<sub>3</sub> + Ho<sub>2</sub>O<sub>3</sub> + Er<sub>2</sub>O<sub>3</sub> + Tm<sub>2</sub>O<sub>3</sub> + Yb<sub>2</sub>O<sub>3</sub> + Y<sub>2</sub>O<sub>3</sub> + Lu<sub>2</sub>O<sub>3</sub></p> <p>LREO (Light Rare Earth Oxide) = La<sub>2</sub>O<sub>3</sub> + CeO<sub>2</sub> + Pr<sub>6</sub>O<sub>11</sub> + Nd<sub>2</sub>O<sub>3</sub></p> <p>NdPrO% = Nd<sub>2</sub>O<sub>3</sub> + Pr<sub>6</sub>O<sub>11</sub></p> <p>NdPrO% of TREO= NdPrO%/TREO x 100</p> | Element ppm | Conversion Factor | Oxide Form | Ce | 1.2284 | CeO <sub>2</sub> | Dy | 1.1477 | Dy <sub>2</sub> O <sub>3</sub> | Er | 1.1435 | Er <sub>2</sub> O <sub>3</sub> | Eu | 1.1579 | Eu <sub>2</sub> O <sub>3</sub> | Gd | 1.1526 | Gd <sub>2</sub> O <sub>3</sub> | Ho | 1.1455 | Ho <sub>2</sub> O <sub>3</sub> | La | 1.1728 | La <sub>2</sub> O <sub>3</sub> | Lu | 1.1371 | Lu <sub>2</sub> O <sub>3</sub> | Nd | 1.1664 | Nd <sub>2</sub> O <sub>3</sub> | Pr | 1.2082 | Pr <sub>6</sub> O <sub>11</sub> | Sm | 1.1596 | Sm <sub>2</sub> O <sub>3</sub> | Tb | 1.1762 | Tb <sub>4</sub> O <sub>7</sub> | Tm | 1.1421 | Tm <sub>2</sub> O <sub>3</sub> | Y | 1.2699 | Y <sub>2</sub> O <sub>3</sub> | Yb | 1.1387 | Yb <sub>2</sub> O <sub>3</sub> |
| Element ppm             | Conversion Factor                                                                                                                                                                                                                                                             | Oxide Form                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |             |                   |            |    |        |                  |    |        |                                |    |        |                                |    |        |                                |    |        |                                |    |        |                                |    |        |                                |    |        |                                |    |        |                                |    |        |                                 |    |        |                                |    |        |                                |    |        |                                |   |        |                               |    |        |                                |
| Ce                      | 1.2284                                                                                                                                                                                                                                                                        | CeO <sub>2</sub>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |             |                   |            |    |        |                  |    |        |                                |    |        |                                |    |        |                                |    |        |                                |    |        |                                |    |        |                                |    |        |                                |    |        |                                |    |        |                                 |    |        |                                |    |        |                                |    |        |                                |   |        |                               |    |        |                                |
| Dy                      | 1.1477                                                                                                                                                                                                                                                                        | Dy <sub>2</sub> O <sub>3</sub>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |             |                   |            |    |        |                  |    |        |                                |    |        |                                |    |        |                                |    |        |                                |    |        |                                |    |        |                                |    |        |                                |    |        |                                |    |        |                                 |    |        |                                |    |        |                                |    |        |                                |   |        |                               |    |        |                                |
| Er                      | 1.1435                                                                                                                                                                                                                                                                        | Er <sub>2</sub> O <sub>3</sub>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |             |                   |            |    |        |                  |    |        |                                |    |        |                                |    |        |                                |    |        |                                |    |        |                                |    |        |                                |    |        |                                |    |        |                                |    |        |                                 |    |        |                                |    |        |                                |    |        |                                |   |        |                               |    |        |                                |
| Eu                      | 1.1579                                                                                                                                                                                                                                                                        | Eu <sub>2</sub> O <sub>3</sub>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |             |                   |            |    |        |                  |    |        |                                |    |        |                                |    |        |                                |    |        |                                |    |        |                                |    |        |                                |    |        |                                |    |        |                                |    |        |                                 |    |        |                                |    |        |                                |    |        |                                |   |        |                               |    |        |                                |
| Gd                      | 1.1526                                                                                                                                                                                                                                                                        | Gd <sub>2</sub> O <sub>3</sub>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |             |                   |            |    |        |                  |    |        |                                |    |        |                                |    |        |                                |    |        |                                |    |        |                                |    |        |                                |    |        |                                |    |        |                                |    |        |                                 |    |        |                                |    |        |                                |    |        |                                |   |        |                               |    |        |                                |
| Ho                      | 1.1455                                                                                                                                                                                                                                                                        | Ho <sub>2</sub> O <sub>3</sub>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |             |                   |            |    |        |                  |    |        |                                |    |        |                                |    |        |                                |    |        |                                |    |        |                                |    |        |                                |    |        |                                |    |        |                                |    |        |                                 |    |        |                                |    |        |                                |    |        |                                |   |        |                               |    |        |                                |
| La                      | 1.1728                                                                                                                                                                                                                                                                        | La <sub>2</sub> O <sub>3</sub>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |             |                   |            |    |        |                  |    |        |                                |    |        |                                |    |        |                                |    |        |                                |    |        |                                |    |        |                                |    |        |                                |    |        |                                |    |        |                                 |    |        |                                |    |        |                                |    |        |                                |   |        |                               |    |        |                                |
| Lu                      | 1.1371                                                                                                                                                                                                                                                                        | Lu <sub>2</sub> O <sub>3</sub>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |             |                   |            |    |        |                  |    |        |                                |    |        |                                |    |        |                                |    |        |                                |    |        |                                |    |        |                                |    |        |                                |    |        |                                |    |        |                                 |    |        |                                |    |        |                                |    |        |                                |   |        |                               |    |        |                                |
| Nd                      | 1.1664                                                                                                                                                                                                                                                                        | Nd <sub>2</sub> O <sub>3</sub>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |             |                   |            |    |        |                  |    |        |                                |    |        |                                |    |        |                                |    |        |                                |    |        |                                |    |        |                                |    |        |                                |    |        |                                |    |        |                                 |    |        |                                |    |        |                                |    |        |                                |   |        |                               |    |        |                                |
| Pr                      | 1.2082                                                                                                                                                                                                                                                                        | Pr <sub>6</sub> O <sub>11</sub>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |             |                   |            |    |        |                  |    |        |                                |    |        |                                |    |        |                                |    |        |                                |    |        |                                |    |        |                                |    |        |                                |    |        |                                |    |        |                                 |    |        |                                |    |        |                                |    |        |                                |   |        |                               |    |        |                                |
| Sm                      | 1.1596                                                                                                                                                                                                                                                                        | Sm <sub>2</sub> O <sub>3</sub>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |             |                   |            |    |        |                  |    |        |                                |    |        |                                |    |        |                                |    |        |                                |    |        |                                |    |        |                                |    |        |                                |    |        |                                |    |        |                                 |    |        |                                |    |        |                                |    |        |                                |   |        |                               |    |        |                                |
| Tb                      | 1.1762                                                                                                                                                                                                                                                                        | Tb <sub>4</sub> O <sub>7</sub>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |             |                   |            |    |        |                  |    |        |                                |    |        |                                |    |        |                                |    |        |                                |    |        |                                |    |        |                                |    |        |                                |    |        |                                |    |        |                                 |    |        |                                |    |        |                                |    |        |                                |   |        |                               |    |        |                                |
| Tm                      | 1.1421                                                                                                                                                                                                                                                                        | Tm <sub>2</sub> O <sub>3</sub>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |             |                   |            |    |        |                  |    |        |                                |    |        |                                |    |        |                                |    |        |                                |    |        |                                |    |        |                                |    |        |                                |    |        |                                |    |        |                                 |    |        |                                |    |        |                                |    |        |                                |   |        |                               |    |        |                                |
| Y                       | 1.2699                                                                                                                                                                                                                                                                        | Y <sub>2</sub> O <sub>3</sub>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |             |                   |            |    |        |                  |    |        |                                |    |        |                                |    |        |                                |    |        |                                |    |        |                                |    |        |                                |    |        |                                |    |        |                                |    |        |                                 |    |        |                                |    |        |                                |    |        |                                |   |        |                               |    |        |                                |
| Yb                      | 1.1387                                                                                                                                                                                                                                                                        | Yb <sub>2</sub> O <sub>3</sub>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |             |                   |            |    |        |                  |    |        |                                |    |        |                                |    |        |                                |    |        |                                |    |        |                                |    |        |                                |    |        |                                |    |        |                                |    |        |                                 |    |        |                                |    |        |                                |    |        |                                |   |        |                               |    |        |                                |
| Location of data points | <ul style="list-style-type: none"> <li>Accuracy and quality of surveys used to locate drill holes (collar and down-hole surveys), trenches, mine workings and other locations used in Mineral Resource estimation.</li> <li>Specification of the grid system used.</li> </ul> | <p>Drill hole collar locations reported have been surveyed by Differential GPS and are considered accurate to 0.2m.</p> <p>Datum WGS84 Zone 36 South was used for location data planning, collection and storage. This is the appropriate datum for the project area. No grid transformations were applied to the data.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |             |                   |            |    |        |                  |    |        |                                |    |        |                                |    |        |                                |    |        |                                |    |        |                                |    |        |                                |    |        |                                |    |        |                                |    |        |                                 |    |        |                                |    |        |                                |    |        |                                |   |        |                               |    |        |                                |

| Criteria                                                       | JORC Code explanation                                                                                                                                                                                                                                                                                                                                                                                                                          | Commentary                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|----------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                                                | <ul style="list-style-type: none"> <li><i>Quality and adequacy of topographic control.</i></li> </ul>                                                                                                                                                                                                                                                                                                                                          | <p>Downhole surveys were acquired using non-magnetic gyroscope survey</p> <p>Topography is derived from SRTM 30 metre digital elevation database.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <i>Data spacing and distribution</i>                           | <ul style="list-style-type: none"> <li><i>Data spacing for reporting of Exploration Results.</i></li> <li><i>Whether the data spacing and distribution is sufficient to establish the degree of geological and grade continuity appropriate for the Mineral Resource and Ore Reserve estimation procedure(s) and classifications applied.</i></li> <li><i>Whether sample compositing has been applied.</i></li> </ul>                          | <p>Drill spacing for this phase of drilling is a nominal 50 metre hole spacing on 50 metre line spacing. Topography limitations have necessitated drilling some holes off section.</p> <p>Evaluation of hole spacing for suitability to determine geology and grade estimation will be undertaken following this phase of drilling.</p> <p>No mineral resource estimation has been undertaken.</p> <p>No sample compositing has been used.</p>                                                                                                                                                  |
| <i>Orientation of data in relation to geological structure</i> | <ul style="list-style-type: none"> <li><i>Whether the orientation of sampling achieves unbiased sampling of possible structures and the extent to which this is known, considering the deposit type.</i></li> <li><i>If the relationship between the drilling orientation and the orientation of key mineralised structures is considered to have introduced a sampling bias, this should be assessed and reported if material.</i></li> </ul> | <p>The relationship between mineralisation and drill orientation is not known.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <i>Sample security</i>                                         | <ul style="list-style-type: none"> <li><i>The measures taken to ensure sample security.</i></li> </ul>                                                                                                                                                                                                                                                                                                                                         | <p>After collection, the samples were transported by Company representatives via road to Lilongwe and dispatched via airfreight to Intertek Johannesburg South Africa. Sample shipments are managed by a professional cargo freight company and remain secure during transport.</p> <p>Following sample preparation subsamples are shipped to Perth Australia by Intertek using DHL. Samples are received in Australia and subject to customs inspection and quarantine treatment.</p> <p>Samples were subsequently transported from Australian customs to Intertek Perth via road freight.</p> |
| <i>Audits or reviews</i>                                       | <ul style="list-style-type: none"> <li><i>The results of any audits or reviews of sampling techniques and data.</i></li> </ul>                                                                                                                                                                                                                                                                                                                 | <p>No audits or reviews have been undertaken</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |

## Section 2 Reporting of Exploration Results

(Criteria listed in the preceding section also apply to this section.)

| Criteria                                       | JORC Code explanation                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Commentary                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <i>Mineral tenement and land tenure status</i> | <ul style="list-style-type: none"> <li>Type, reference name/number, location and ownership including agreements or material issues with third parties such as joint ventures, partnerships, overriding royalties, native title interests, historical sites, wilderness or national park and environmental settings.</li> <li>The security of the tenure held at the time of reporting along with any known impediments to obtaining a licence to operate in the area.</li> </ul> | The Kangankunde Project comprising granted Exploration Licence EPL0514/18R and Mining Licence MML0290/22 is 100% owned by Rift Valley Resource Developments (RVRD) a Malawian registered company. Lindian Resources currently holds 67% of RVRD with a binding share purchase agreement in place to acquire 100 % of RVRD.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <i>Exploration done by other parties</i>       | <ul style="list-style-type: none"> <li>Acknowledgment and appraisal of exploration by other parties.</li> </ul>                                                                                                                                                                                                                                                                                                                                                                  | <p>Previous exploration includes:</p> <p>1952-1958: Eight trenches excavated. No data records known to exist.</p> <p>1959: Geological mapping, ten trenches excavated, seven drill holes drilled below main trenches. Data not sighted.</p> <p>1972-1981: Trench mapping and sampling, adit driven 300 metres north to south with several crosscuts. Diamond drilling from crosscuts. Pilot plant operated producing strontianite and monazite concentrate. Limited data available in hard copy only.</p> <p>1987- 1990: Feasibility study activities including surface core drilling, processing studies, geotechnical and groundwater studies, estimation of “geological reserves” (Not JORC compliant). Limited data available in hard copy reports.</p> <p>Historical data is largely not available or not readily validated and is currently not reported.</p>      |
| <i>Geology</i>                                 | <ul style="list-style-type: none"> <li>Deposit type, geological setting and style of mineralisation.</li> </ul>                                                                                                                                                                                                                                                                                                                                                                  | <p>Intrusive carbonatite containing monazite as the main rare earth bearing mineral.</p> <p>The Kangankunde carbonatite complex is characterized by an elliptic structure centring Kangankunde Hill. The diameters in N-S and E-W directions are 900m and 700m, respectively.</p> <p>In the ellipse, the following rocks are zonally arranged from the centre to the outer part; carbonatites, carbonatized breccias, wall rock / carbonatite breccias and basement rocks.</p> <p>The carbonatites are dolomitic, sideritic and ankeritic and at surface are distributed widely on the northern and western slopes of the Kangankunde Hill. Manganese carbonatite is found at the top and on the eastern slope of the hill.</p> <p>Monazite is found in all carbonatite types in varying quantities. Other associated minerals are strontianite, barite and apatite.</p> |
| <i>Drill hole Information</i>                  | <ul style="list-style-type: none"> <li>A summary of all information material to the understanding of the exploration results including a tabulation of the following information for all Material drill holes:</li> </ul>                                                                                                                                                                                                                                                        | The material information for drill holes relating to this announcement are contained in Appendix 1.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |

| Criteria                                                         | JORC Code explanation                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Commentary                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                                                  | <ul style="list-style-type: none"> <li>◦ easting and northing of the drill hole collar</li> <li>◦ elevation or RL (Reduced Level – elevation above sea level in metres) of the drill hole collar</li> <li>◦ dip and azimuth of the hole</li> <li>◦ down hole length and interception depth</li> <li>◦ hole length.</li> <li>• If the exclusion of this information is justified on the basis that the information is not Material and this exclusion does not detract from the understanding of the report, the Competent Person should clearly explain why this is the case.</li> </ul>                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Data aggregation methods                                         | <ul style="list-style-type: none"> <li>• In reporting Exploration Results, weighting averaging techniques, maximum and/or minimum grade truncations (e.g. cutting of high grades) and cut-off grades are usually Material and should be stated.</li> <li>• Where aggregate intercepts incorporate short lengths of high-grade results and longer lengths of low-grade results, the procedure used for such aggregation should be stated and some typical examples of such aggregations should be shown in detail.</li> <li>• The assumptions used for any reporting of metal equivalent values should be clearly stated.</li> </ul> | <p>Reported intersections are length weighted averages.</p> <p>No maximum or minimum grade cutting has been applied.</p> <p>All reported intercepts are drilled within the orebody and are rare earth mineralised with the lowest grade of 0.35%TREO reported. No geological natural cut-off has been observed and an economic cut-off is not appropriate at this stage of the project.</p> <p>Mineralised zones of higher grade within a fully mineralised hole have been highlighted using a threshold of 2% TREO with a maximum of 5 metres of contiguous internal waste used in the calculation. This cut-off is consistent with other similar deposits.</p> <p>No metal equivalents values are used.</p> |
| Relationship between mineralisation widths and intercept lengths | <ul style="list-style-type: none"> <li>• These relationships are particularly important in the reporting of Exploration Results.</li> <li>• If the geometry of the mineralisation with respect to the drill hole angle is known, its nature should be reported.</li> <li>• If it is not known and only the down hole lengths are reported, there should be a clear statement to this effect (e.g. 'down hole length, true width not known').</li> </ul>                                                                                                                                                                             | <p>Down hole lengths reported, true widths are not known.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Diagrams                                                         | <ul style="list-style-type: none"> <li>• Appropriate maps and sections (with scales) and tabulations of intercepts should be included for any significant discovery being reported These should include, but not be limited to a plan view of drill hole collar locations and appropriate sectional views.</li> </ul>                                                                                                                                                                                                                                                                                                               | <p>Refer to diagrams in body of text.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Balanced reporting                                               | <ul style="list-style-type: none"> <li>• Where comprehensive reporting of all Exploration Results is not practicable, representative reporting of both low and high grades and/or widths should be practiced to avoid misleading reporting of Exploration Results.</li> </ul>                                                                                                                                                                                                                                                                                                                                                       | <p>This report contains all drilling results that are consistent with the JORC guidelines. Where data may have been excluded, it is considered not material.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Other substantive exploration data                               | <ul style="list-style-type: none"> <li>• Other exploration data, if meaningful and material, should be reported including (but not limited to): geological observations; geophysical survey results; geochemical survey results; bulk samples – size and method of treatment; metallurgical test results;</li> </ul>                                                                                                                                                                                                                                                                                                                | <p>Multi element analysis has been conducted including potential radionuclides uranium (U) and thorium (Th) which are both reported in Appendix 2</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |

| Criteria            | JORC Code explanation                                                                                                                                                                                                                                                                                                                                                                                             | Commentary                                                                                                                                        |
|---------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------|
|                     | <i>bulk density, groundwater, geotechnical and rock characteristics; potential deleterious or contaminating substances.</i>                                                                                                                                                                                                                                                                                       |                                                                                                                                                   |
| <i>Further work</i> | <ul style="list-style-type: none"> <li><i>The nature and scale of planned further work (e.g. tests for lateral extensions or depth extensions or large-scale step-out drilling).</i></li> <li><i>Diagrams clearly highlighting the areas of possible extensions, including the main geological interpretations and future drilling areas, provided this information is not commercially sensitive.</i></li> </ul> | Future work programs are intended to evaluate the economic opportunity of the project including extraction optimization, and resource definition. |