

Spectacular Rare Earth Grades From Cascade

- 52 of the 85 holes returned shallow, broad, high-grade intersections up to **4,029ppm Total Rare Earth Oxides (“TREO”)** in saprolitic clays
- Importantly, the high value **magnet rare earths** and **critical rare earths** account for an average of **26% and 25% of TREO grades respectively**
- Shallow, broad high-grade intersections include:
 - 7 metres at **3,826ppm** TREO from 36m including 3 metres at **4,029ppm** TREO (MGA134)
 - 3 metres at **1,989ppm** TREO from 16m (MGA230)
 - 16 metres at **1,683ppm** TREO from 0m including 4 metres at **2,587ppm** TREO (MGR025)
 - 4 metres at **1,425ppm** TREO from 56m (MGA237)
 - 12 metres at **1,373ppm** TREO from 20m (MGA076)
 - 5 metres at **1,178ppm** TREO from 48m (MGA080)
 - 8 metres at **1,135ppm** TREO from 40m including 4 metres at **1,935ppm** TREO (MGA116)
 - 7 metres at **1,132ppm** TREO from 8m (MGR021)
 - 8 metres at **967ppm** TREO from 12m including 4 metres at **1,596ppm** TREO (MGA051)
 - 29 metres at **629ppm** TREO from 8m including 1 metre at **3,729ppm** TREO (MGA118)
- **Assay for a further 105 holes from the eastern block of Cascade are expected in late May 2022**

Commenting on these results, CEO Tim Davidson said: *“These results from our 100% owned Cascade Project show remarkable scale potential. We are seeing shallow, broad, high-grade intersections over a large area. Results from the eastern block are due in late May 2022 and may expand the scale even further. Importantly, the results contain high levels of permanent magnet metals being Neodymium-Praseodymium oxides. These metals are geopolitically critical and we intend to accelerate our understanding of Cascade with drilling commencing on the back of results from the eastern block and metallurgical testwork expedited.”*

Meeka Gold Limited (ASX:MEK) (“**Meeka**” or “**the Company**”) is pleased to report results from 85 holes drilled within the western block of the Cascade REE Project (MEK 100%). Assay results show shallow, high-grade mineralisation, up to 29m thick, within the saprolitic clays. The broad mineralisation is pervasive across the western block with 52 of the 85 drill holes returning high-grade mineralisation. In

addition, the lithology indicates that the mineralised saprolitic clay horizon blankets the western (550km²) and eastern (593km²) blocks. Eastern block assays (105 holes) are expected in late May 2022.

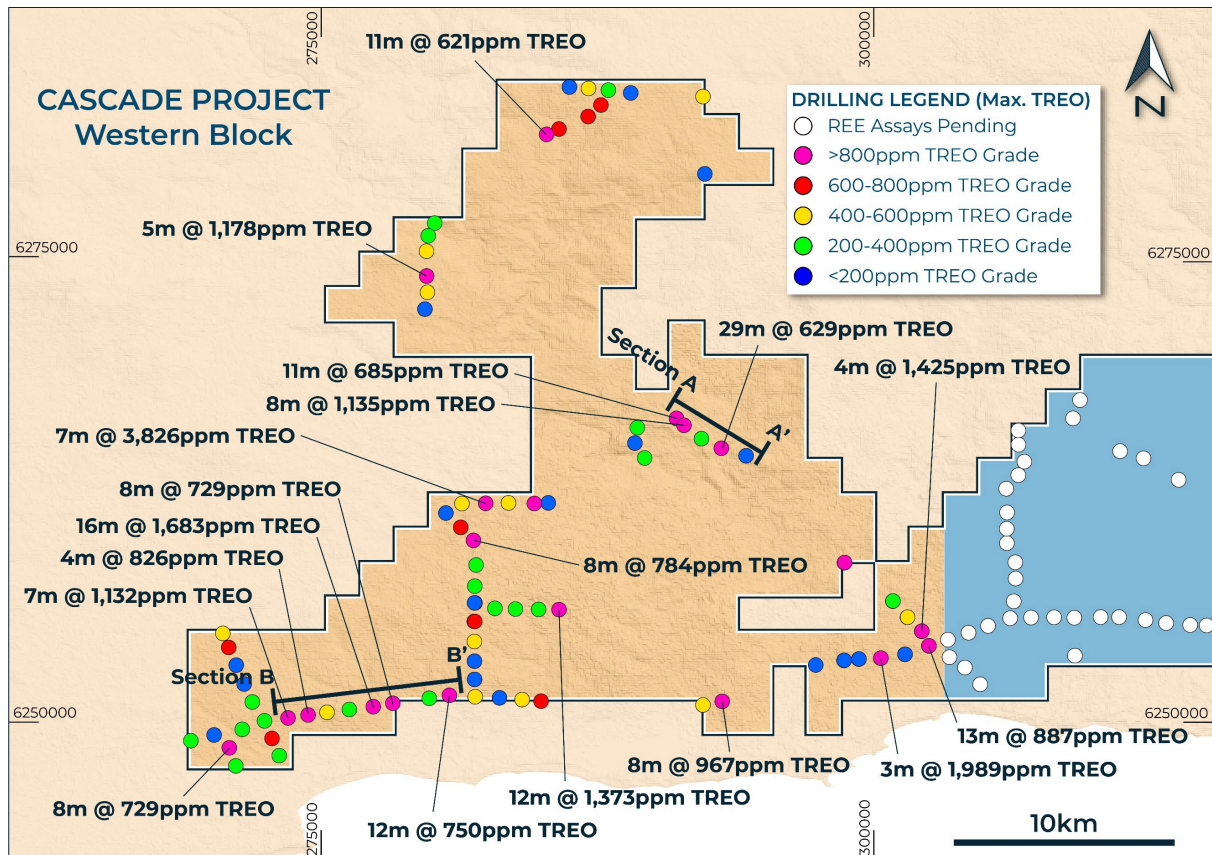


Figure 1: Shallow, broad, high-grade assays at Cascade (western block).

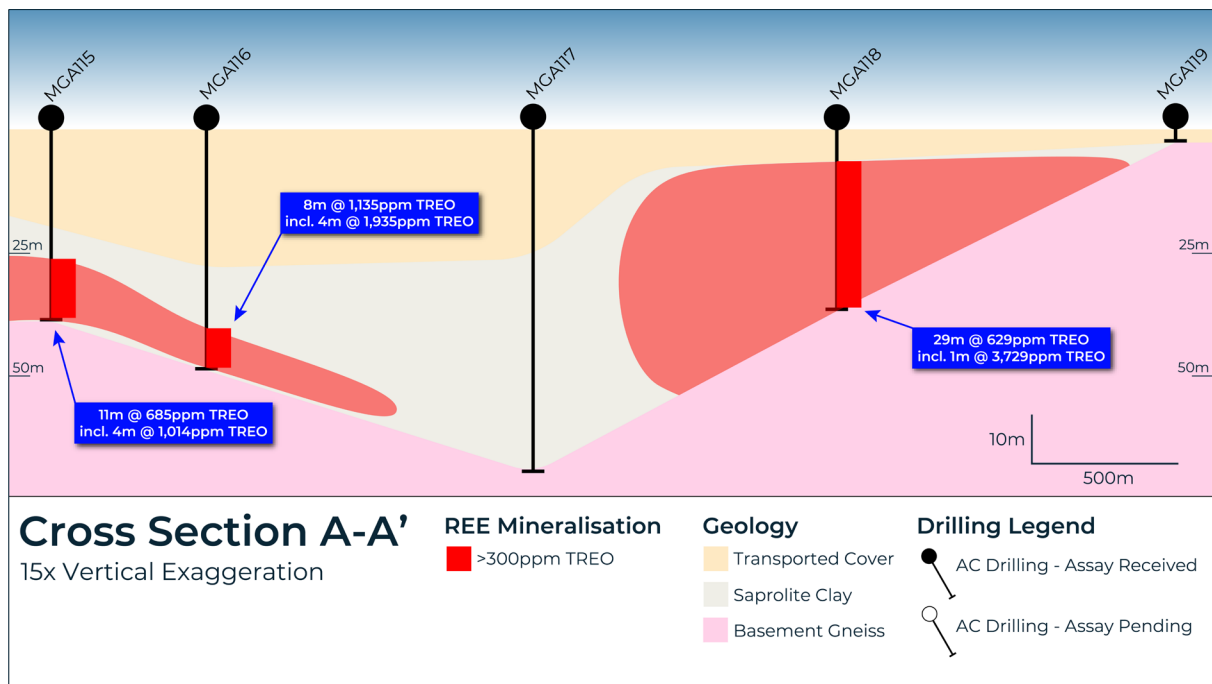


Figure 2: Cascade (western block) Section A-A'.

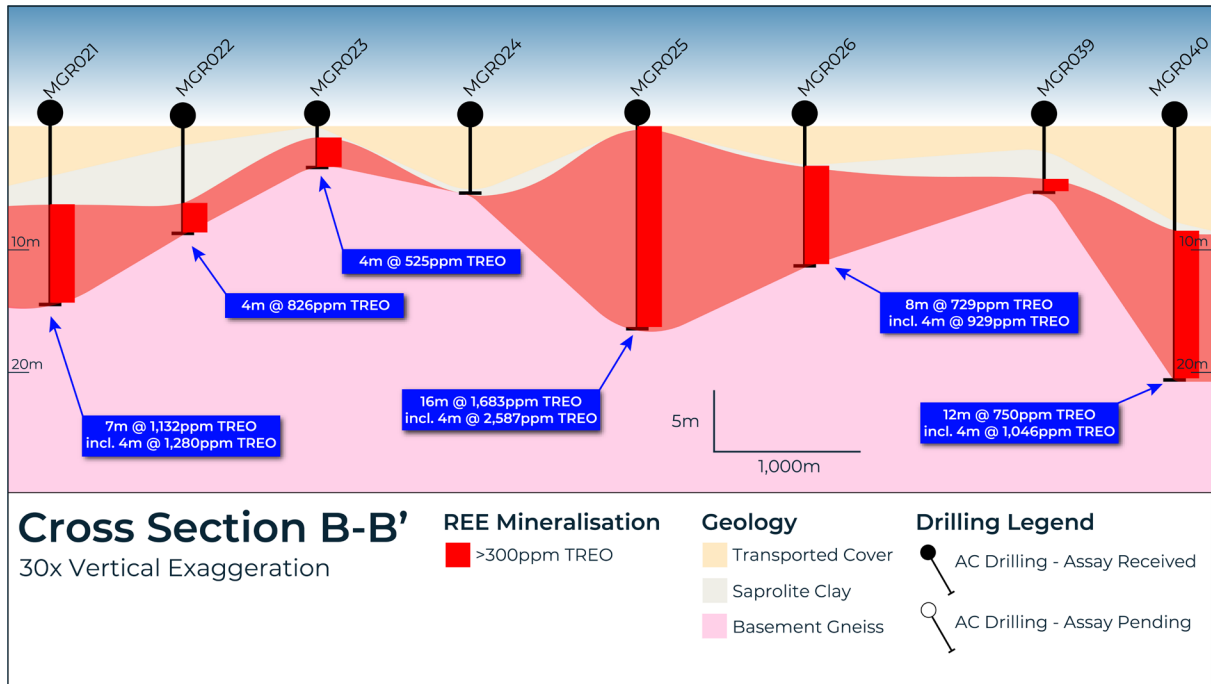


Figure 3: Cascade (western block) Section B-B'.

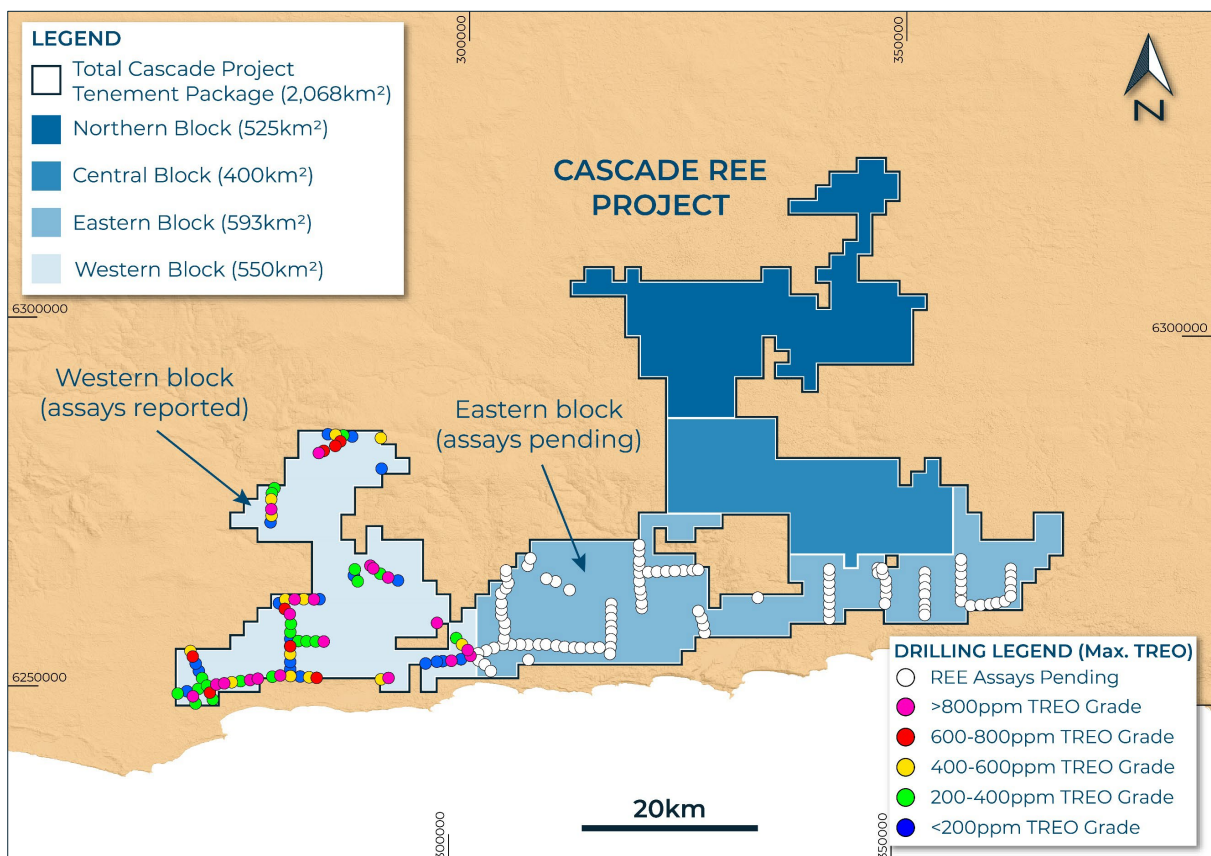


Figure 4: 100% owned Cascade Project (2,068km²) showing the location of western (550km²) and eastern (593km²) blocks.

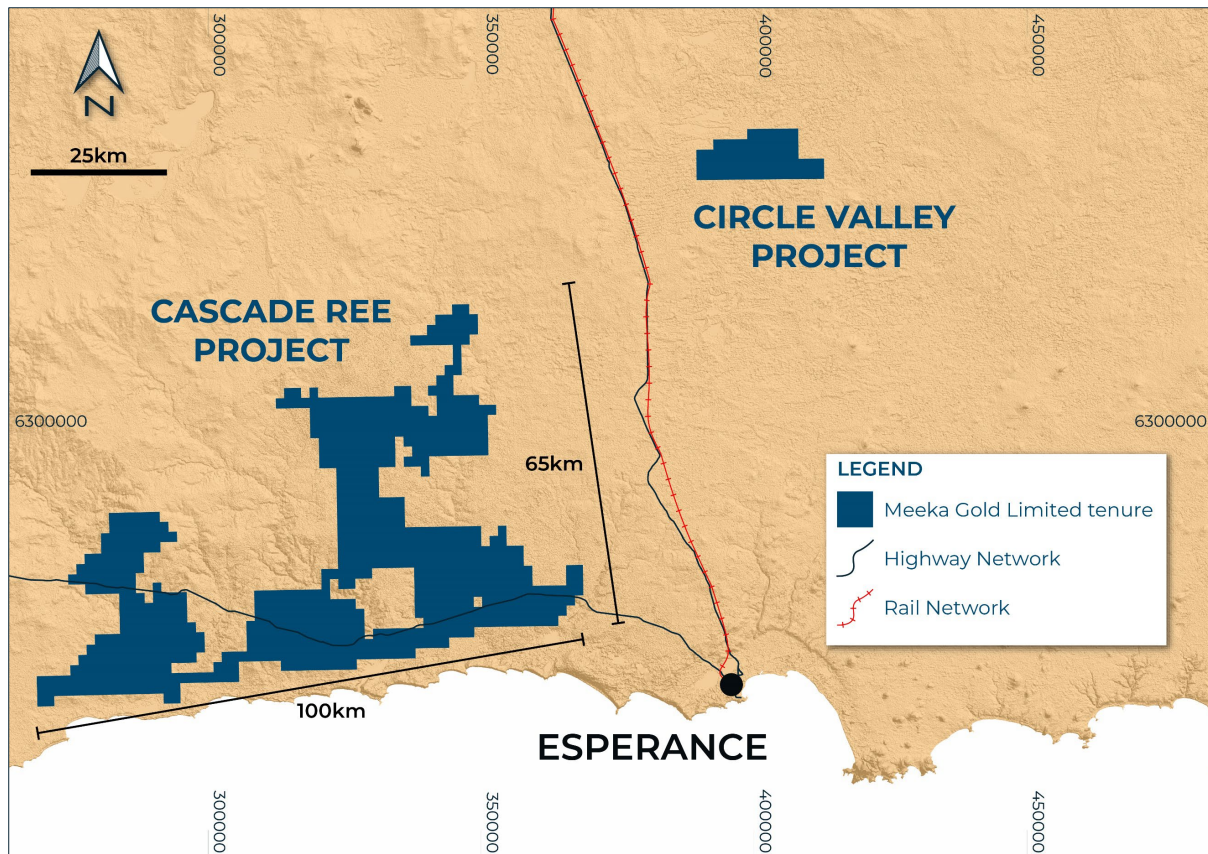


Figure 5: Cascade and Circle Valley Project (MEK 100%) location within the Albany-Fraser Province.

NEXT STEPS

Cascade at 2,068km² represents a potentially large scale, high-grade rare earths project. Immediate plans to accelerate this exciting project include:

- Receive assay results for the eastern block (late May 2022); and
- Detail a forward activity plan targeting the highest value (high heavy and magnet REO content) zones of mineralisation (June 2022).

Furthermore, initial metallurgical work will be expedited to understand the process for producing a commercial product from Cascade.

ABOUT RARE EARTH ELEMENTS

The unique chemical and physical properties of rare earths have positioned them as a critical material across a number of rapidly evolving markets and industrial applications. In particular, Neodymium-Praseodymium oxides, which are critical elements in the manufacture of permanent magnets used for electric motors, turbines and mobile phones.

Key global megatrends are driving strong and diversified demand for Neodymium-Praseodymium oxides:

- Low carbon energy transition – electric drive motors and turbines

- Military application – guidance and control systems
- Communications technology
- Sustainable resource security – increasing scarcity of and global competition for resources
- Supply chain security – against a backdrop of heightened geopolitical tension and push to diversify supply away from China

To underscore the geopolitical importance of rare earths, the Pentagon has recently urged the US Government to fund Australian strategic mining of materials used to make electric vehicles and weapons. This is in an effort to reduce US reliance on China for lithium, rare earths and other minerals.

ABOUT CLAY HOSTED RARE EARTH DEPOSITS

Clay hosted rare earth projects often enjoy significant project and cost advantages compared to hard rock projects, with cheap bulk mining and a simple process flow sheet. Clay deposits do not require the expensive comminution and beneficiation processes that hard rock deposits require, resulting in a lower capital intensity and lower operating cost to produce a refined product. The high proportion of magnet rare earth elements (Neodymium-Praseodymium) in clay deposits also results in a high value product.

Additionally, they do not produce the costly radioactive tailings waste that is often a by-product of processing hard rock deposits.

FORTHCOMING ANNOUNCEMENTS

Late May 2022: Cascade, eastern block assays (105 holes).

June 2022: gold assays from Circle Valley RC drilling.

June 2022: rare earth assays from the remaining 16,000m of aircore drilling from the high-grade clay mineralisation at Circle Valley.

June 2022: forward activity plan targeting the highest value zones of mineralisation at Cascade.

July 2022: Quarterly Activity Report.

Table 1 – Cascade (western block) results above a 300ppm TREO cut-off grade

Drill Hole ID	Depth From (metres)	Length (metres)	TREO (ppm)	HREO (% of TREO)	CREO (% of TREO)	Magnet REO (% of TREO)
MGA134	36	7	3,826	6%	14%	17%
MGA230	16	3	1,989	13%	25%	30%
MGR025	0	16	1,683	6%	16%	21%
MGA237	56	4	1,425	14%	30%	33%
MGA076	20	12	1,373	8%	19%	24%
MGA080	48	5	1,178	22%	34%	37%
MGA116	40	8	1,135	56%	56%	34%
MGR021	8	7	1,132	8%	22%	28%
MGA051	12	8	967	40%	46%	37%
MGA228	32	13	887	25%	34%	33%
MGR022	4	4	826	7%	18%	22%
MGA089	12	1	796	6%	18%	24%
MGA132	24	8	784	10%	25%	32%
MGA132	52	4	779	5%	7%	6%
MGR040	8	12	750	7%	13%	15%
MGR026	4	8	729	9%	20%	23%
MGA030	0	8	729	29%	34%	29%
MGA036	0	4	686	8%	20%	25%
MGA115	28	11	685	44%	47%	33%
MGA088	12	3	667	5%	15%	21%
MGA118	8	29	629	11%	23%	28%
MGA090	12	11	621	8%	21%	26%
MGA131	16	4	615	13%	24%	27%
MGA067	17	7	604	15%	27%	29%
MGA060A	16	1	603	7%	17%	21%
MGA087	16	1	600	6%	18%	24%
MGA087	8	4	595	9%	20%	26%
MGA237	44	4	580	11%	22%	25%
MGA047	4	16	573	14%	24%	25%
MGA136	12	10	554	26%	33%	28%
MGA043	32	8	552	9%	21%	25%
MGR023	0	4	525	11%	21%	25%
MGA148	36	16	521	10%	22%	26%
MGA050	16	1	505	12%	28%	35%
MGA080	32	8	489	12%	19%	19%
MGA236	36	5	488	13%	22%	25%
MGA095	16	5	483	8%	19%	24%
MGA079	20	4	468	6%	19%	26%
MGA237	28	4	465	17%	35%	42%
MGR056	4	1	462	20%	31%	33%
MGA133	32	8	449	7%	18%	23%
MGA131A	16	16	446	44%	44%	28%
MGA041	20	1	435	55%	55%	31%

Drill Hole ID	Depth From (metres)	Length (metres)	TREO (ppm)	HREO (% of TREO)	CREO (% of TREO)	Magnet REO (% of TREO)
MGA068	8	3	432	29%	36%	31%
MGA048	8	12	428	18%	27%	27%
MGA134	20	4	426	7%	22%	30%
MGR059	4	1	402	5%	15%	20%
MGA132	36	4	395	21%	29%	28%
MGA135	52	27	391	10%	21%	24%
MGA041	0	1	376	58%	56%	30%
MGA048	28	4	375	22%	31%	29%
MGA085	12	7	373	5%	15%	21%
MGA081	28	8	365	18%	28%	28%
MGA064	0	8	361	8%	18%	22%
MGA081	40	4	360	18%	30%	31%
MGA135	36	12	356	12%	22%	24%
MGA051	0	3	349	14%	25%	28%
MGA073	8	10	347	22%	30%	27%
MGR019	4	4	345	6%	18%	24%
MGR017	8	4	333	18%	28%	28%
MGA077	28	11	331	13%	24%	28%
MGA112	16	4	326	10%	18%	21%
MGA067	13	3	317	10%	23%	27%
MGA075	0	4	316	15%	23%	25%
MGA043	20	4	308	9%	20%	25%
MGR039	4	1	307	9%	20%	23%
MGA079	28	4	304	5%	14%	18%

Note:

TREO (Total Rare Earth Oxide) = $\text{La}_2\text{O}_3 + \text{CeO}_2 + \text{Pr}_6\text{O}_{11} + \text{Nd}_2\text{O}_3 + \text{Sm}_2\text{O}_3 + \text{Eu}_2\text{O}_3 + \text{Gd}_2\text{O}_3 + \text{Tb}_4\text{O}_7 + \text{Dy}_2\text{O}_3 + \text{Ho}_2\text{O}_3 + \text{Er}_2\text{O}_3 + \text{Tm}_2\text{O}_3 + \text{Yb}_2\text{O}_3 + \text{Lu}_2\text{O}_3 + \text{Y}_2\text{O}_3$

HREO (Heavy Rare Earth Oxide) = $\text{Sm}_2\text{O}_3 + \text{Eu}_2\text{O}_3 + \text{Gd}_2\text{O}_3 + \text{Tb}_4\text{O}_7 + \text{Dy}_2\text{O}_3 + \text{Ho}_2\text{O}_3 + \text{Er}_2\text{O}_3 + \text{Tm}_2\text{O}_3 + \text{Yb}_2\text{O}_3 + \text{Lu}_2\text{O}_3 + \text{Y}_2\text{O}_3$

CREO (Critical Rare Earth Oxide) = $\text{Nd}_2\text{O}_3 + \text{Eu}_2\text{O}_3 + \text{Tb}_4\text{O}_7 + \text{Dy}_2\text{O}_3 + \text{Y}_2\text{O}_3$

Magnet REO = $\text{Nd}_2\text{O}_3 + \text{Pr}_6\text{O}_{11} + \text{Sm}_2\text{O}_3 + \text{Gd}_2\text{O}_3 + \text{Tb}_4\text{O}_7 + \text{Dy}_2\text{O}_3 + \text{Ho}_2\text{O}_3$

This announcement has been authorised for release by the Company's Board of Directors.

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ABOUT MEEKA GOLD LIMITED

Meeka Gold (ASX:MEK) is a junior gold and rare earths company with a portfolio of high quality 100% owned projects across Western Australia.

Gold

Meeka's flagship Murchison Gold Project has a combined 343km² landholding in the prolific Murchison Gold Fields and hosts a large high-grade 1.1Moz Mineral Resource. The Company is actively growing these resources while also progressing toward production. The release of the Murchison Gold Project Scoping Study in December 2021 outlined a robust Project that produces over 420koz of gold.

In addition, Meeka owns the Circle Valley Project in the Albany-Fraser Mobile Belt (also host to the Tropicana gold mine – 3Moz past production). Gold mineralisation has been identified in four separate locations at Circle Valley and presents an exciting growth opportunity, which is being aggressively pursued.

Rare Earths

Meeka controls the Cascade Rare Earths Project (2,068km²) in a region that is rapidly emerging as a highly prospective clay rare earths province. Importantly, the results to date contain high levels of permanent magnet metals being Neodymium-Praseodymium oxides. These metals are geopolitically critical and we intend to accelerate our understanding of Cascade by commencing initial metallurgical work. Furthermore, drilling will be ongoing.



Global Mineral Resource Summary

Project	Measured			Indicated			Inferred			Total		
	Tonnes (⁰⁰⁰ t)	Grade (g/t)	Ounces (⁰⁰⁰ oz)	Tonnes (⁰⁰⁰ t)	Grade (g/t)	Ounces (⁰⁰⁰ oz)	Tonnes (⁰⁰⁰ t)	Grade (g/t)	Ounces (⁰⁰⁰ oz)	Tonnes (⁰⁰⁰ t)	Grade (g/t)	Ounces (⁰⁰⁰ oz)
Andy Well	150	11.4	55	1,050	9.3	315	650	6.5	135	1,800	8.6	505
Turnberry				6,800	1.6	355	4,500	1.8	255	11,300	1.7	610
TOTAL	150	11.4	55	7,850	2.7	670	5,150	2.4	390	13,100	2.6	1,115

Notes:

1. Mineral Resources previously reported to the ASX on 18th May 2021 in announcement titled "Murchison Gold Mineral Resource Grows 44% to +1.1 Million Ounces". The Company is not aware of any new information or data that materially affects the information included in this announcement and that all material assumptions and technical parameters underpinning the estimates continue to apply and have not materially changed.
2. Mineral Resources are produced in accordance with the 2012 Edition of the Australian Code for Reporting of Mineral Resources and Ore Reserves (JORC 2012).
3. Andy Well Mineral Resource is reported using 0.1g/t cut-off grade.
4. Turnberry Open Pit Mineral Resource is reported within a A\$2,400/oz pit shell and above 0.5g/t cut-off grade.
5. Turnberry Underground Mineral Resource is reported outside a A\$2,400/oz pit shell and above 1.5g/t cut-off grade.

COMPETENT PERSON'S STATEMENT

The information that relates to Exploration Results as those terms are defined in the 2012 Edition of the "Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserve", is based on information reviewed by Mr Duncan Franey, a Competent Person who is a member of The Australasian Institute of Mining and Metallurgy and the Australian Institute of Geoscientists. Mr Franey is a full-time employee of the Company. Mr Franey has sufficient experience that is 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'. Mr Franey consents to the inclusion in the report of the matters based on his information in the form and context in which it appears.

The information that relates to Mineral Resources was first reported by the Company in its announcement to the ASX on 18th May 2021. The Company is not aware of any new information or data that materially affects the information included in this announcement and that all material assumptions and technical parameters underpinning the estimates continue to apply and have not materially changed.

The information that relates to Scoping Study results is based on information compiled by Mr Tim Davidson, a Competent Person who is a Member of the Australian Institute of Mining and Metallurgy. Mr Davidson is a full-time employee of the company. Mr Davidson is eligible to participate in short and long-term incentive plans of and holds shares and performance rights in the Company as previously disclosed. Mr Davidson has sufficient experience in the study, development and operation of gold projects and consents to the inclusion in the report of the matters based on his information in the form and context in which it appears.

FORWARD LOOKING STATEMENTS

Certain statements in this report relate to the future, including forward looking statements relating to the Company's financial position, strategy and expected operating results. These forward-looking statements involve known and unknown risks, uncertainties, assumptions and other important factors that could cause the actual results, performance or achievements of the Company to be materially different from future results, performance or achievements expressed or implied by such statements. Actual events or results may differ materially from the events or results expressed or implied in any forward-looking statement and deviations are both normal and to be expected. Other than required by law, neither the Company, their officers nor any other person gives any representation, assurance or guarantee that the occurrence of the events expressed or implied in any forward-looking statements will actually occur. You are cautioned not to place undue reliance on those statements.

DRILLING DATA

Table 2 – Collar Table

Hole ID	Type	Easting	Northing	RL	Azimuth (Degrees)	Dip (Degrees)	End of Hole (m)
MGA030	AC	270578	6264116	26	0	-90	10
MGA036	AC	272483	6264116	20	0	-90	5
MGA041	AC	283672	6264116	25	0	-90	22
MGA043	AC	284527	6264116	16	0	-90	43
MGA047	AC	288809	6264116	10	0	-90	21
MGA048	AC	289802	6264116	3	0	-90	33
MGA050	AC	291804	6264116	7	0	-90	18
MGA051	AC	292667	6264116	23	0	-90	24
MGA060A	AC	281447	6264116	71	0	-90	18
MGA064	AC	271552	6264116	47	0	-90	9
MGA067	AC	270421	6264116	88	0	-90	27
MGA068	AC	270140	6264116	76	0	-90	12
MGA073	AC	282338	6264116	71	0	-90	19
MGA075	AC	284302	6264116	69	0	-90	25
MGA076	AC	285221	6264116	68	0	-90	33
MGA077	AC	279151	6277540	90	0	-90	40
MGA079	AC	278817	6276021	120	0	-90	34
MGA080	AC	278856	6274689	120	0	-90	54
MGA081	AC	278911	6273816	120	0	-90	80
MGA085	AC	285921	6284943	220	0	-90	20
MGA087	AC	286500	6284059	220	0	-90	18
MGA088	AC	285938	6283431	204	0	-90	16
MGA089	AC	284638	6282729	181	0	-90	14
MGA090	AC	284086	6282426	180	0	-90	24
MGA095	AC	291093	6264116	224	0	-90	22
MGA101	AC	291595	6279542	206	0	-90	30
MGA111	AC	296712	6265406	92	0	-90	18
MGA112	AC	288524	6266747	70	0	-90	39
MGA115	AC	290275	6267285	89	0	-90	40
MGA116	AC	290621	6266923	82	0	-90	49
MGA118	AC	292329	6265723	57	0	-90	38
MGA131	AC	280700	6261213	85	0	-90	21
MGA131A	AC	280703	6261205	84	0	-90	33
MGA132	AC	281288	6260520	86	0	-90	57
MGA133	AC	280725	6262488	80	0	-90	61
MGA134	AC	281794	6262527	83	0	-90	44
MGA135	AC	282817	6262572	76	0	-90	80
MGA136	AC	283982	6262569	90	0	-90	23
MGA146	AC	294960	6264116	14	0	-90	16
MGA148	AC	298005	6264116	41	0	-90	53
MGA228	AC	301891	6264116	26	0	-90	46
MGA230	AC	299746	6264116	30	0	-90	20
MGA236	AC	300900	6264116	52	0	-90	42
MGA237	AC	301556	6264116	42	0	-90	61
MGR017	RAB	268841	6264116	41	0	-90	12
MGR019	RAB	271135	6264116	35	0	-90	12
MGR021	RAB	273179	6264116	35	0	-90	15
MGR022	RAB	274076	6264116	30	0	-90	9
MGR023	RAB	274923	6264116	39	0	-90	4
MGR025	RAB	276993	6264116	31	0	-90	17
MGR026	RAB	277867	6264116	21	0	-90	12
MGR039	RAB	279498	6264116	29	0	-90	6
MGR040	RAB	280398	6264116	39	0	-90	21
MGR056	RAB	281558	6264116	47	0	-90	6
MGR059	RAB	281457	6264116	74	0	-90	6

Table 3 – REO Results

Drill Hole ID	From (m)	To (m)	Int. (m)	La ₂ O ₃ ppm	CeO ₂ ppm	Pr ₆ O ₁₁ ppm	Nd ₂ O ₃ ppm	Sm ₂ O ₃ ppm	Eu ₂ O ₃ ppm	Gd ₂ O ₃ ppm	Tb ₄ O ₇ ppm	Dy ₂ O ₃ ppm	Ho ₂ O ₃ ppm	Er ₂ O ₃ ppm	Tm ₂ O ₃ ppm	Yb ₂ O ₃ ppm	Lu ₂ O ₃ ppm	Y ₂ O ₃ ppm	TREO ppm
MGA030	0	4	4	94.3	199.0	21.7	77.9	14.9	3.6	11.4	1.6	8.6	1.5	4.4	0.6	3.8	0.5	41.7	486
MGA030	4	8	4	142.5	316.9	35.9	142.3	30.0	8.4	31.6	4.8	28.7	6.0	18.6	2.7	17.4	2.6	184.1	973
MGA030	8	9	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0
MGA031	0	4	4	33.8	67.3	9.2	34.4	6.9	1.6	6.1	0.9	5.2	1.0	2.9	0.4	2.8	0.4	28.7	202
MGA031	4	6	2	23.0	50.5	5.3	18.2	3.5	0.9	2.7	0.4	2.2	0.5	1.2	0.1	1.3	0.2	10.8	121
MGA031	5	6	1	34.8	74.9	7.6	26.6	4.7	1.2	3.6	0.5	3.1	0.6	1.6	0.2	1.6	0.2	14.9	176
MGA036	0	4	4	190.0	301.0	34.2	108.4	13.2	2.3	7.1	0.8	3.9	0.7	1.8	0.3	1.6	0.2	20.6	686
MGA037	0	4	4	31.2	57.0	6.4	21.7	3.5	0.7	2.3	0.4	1.8	0.4	1.0	0.2	1.0	0.1	10.8	138
MGA037	4	9	5	49.4	88.6	9.7	33.6	5.2	1.2	3.5	0.5	2.7	0.5	1.3	0.2	1.1	0.2	14.7	212
MGA037	6	7	1	54.7	99.7	11.3	39.3	6.1	1.3	4.4	0.6	3.5	0.6	1.7	0.3	1.3	0.2	18.5	244
MGA041	0	1	1	44.8	53.3	11.3	50.4	11.9	3.6	16.3	2.6	16.9	3.8	11.1	1.6	9.3	1.5	137.8	376
MGA041	1	4	3	20.2	45.3	5.1	18.9	3.9	0.9	3.2	0.5	3.2	0.7	1.9	0.4	2.0	0.3	17.0	123
MGA041	4	8	4	4.6	28.0	1.5	6.2	2.2	0.4	3.3	0.7	6.1	1.5	4.9	0.8	5.4	0.8	42.4	109
MGA041	8	12	4	6.6	48.0	2.1	8.7	2.5	0.7	2.5	0.6	3.8	0.8	2.3	0.4	3.0	0.4	14.5	97
MGA041	12	16	4	11.0	67.9	3.0	12.8	3.9	1.1	4.1	0.8	5.6	1.2	3.6	0.6	4.3	0.6	27.8	148
MGA041	16	20	4	19.9	70.6	5.0	22.4	5.6	1.6	6.5	1.2	7.3	1.6	4.8	0.8	4.7	0.7	50.3	203
MGA041	20	21	1	56.1	62.3	13.8	61.6	14.3	4.1	18.6	2.9	18.9	4.0	12.1	1.9	9.8	1.5	153.0	435
MGA042	0	3	3	32.7	55.9	6.5	22.2	4.1	1.0	3.2	0.5	2.7	0.5	1.4	0.2	1.4	0.2	14.7	147
MGA042	3	4	1	17.4	34.9	3.4	12.1	1.8	0.5	1.6	0.3	1.6	0.3	0.9	0.1	0.9	0.1	8.8	85
MGA042	4	6	2	21.3	49.9	6.6	26.5	6.1	1.7	5.8	0.9	5.7	1.1	3.1	0.4	2.8	0.4	30.2	162
MGA043	0	4	4	10.8	26.4	2.4	8.9	1.8	0.4	1.6	0.2	1.6	0.3	1.0	0.2	1.0	0.1	9.8	66
MGA043	1	2	1	16.7	60.1	4.3	16.3	3.4	0.8	2.9	0.5	3.3	0.6	1.9	0.4	1.8	0.3	17.3	130
MGA043	4	8	4	17.0	24.0	3.3	11.9	2.3	0.5	2.3	0.4	2.5	0.5	1.6	0.3	1.5	0.2	17.3	85
MGA043	8	12	4	23.1	29.1	3.6	12.2	2.0	0.4	1.7	0.3	1.6	0.3	1.0	0.1	1.0	0.1	9.4	86
MGA043	12	16	4	22.9	32.6	3.9	12.1	2.0	0.3	1.4	0.2	1.2	0.2	0.5	0.0	0.7	0.1	5.3	83
MGA043	16	20	4	48.2	90.0	9.4	31.5	5.2	0.7	3.1	0.4	2.1	0.3	1.1	0.2	1.2	0.1	8.4	202
MGA043	20	24	4	72.9	143.1	14.6	47.9	7.2	0.6	4.2	0.5	2.6	0.4	1.1	0.3	1.2	0.2	10.7	308
MGA043	24	28	4	53.5	93.5	8.9	29.4	4.3	0.4	2.5	0.3	1.4	0.3	0.8	0.1	0.9	0.1	8.1	205
MGA043	28	32	4	48.0	139.4	8.2	26.7	3.9	0.5	2.1	0.3	1.3	0.2	0.6	0.1	0.6	0.1	6.2	238
MGA043	32	36	4	130.2	228.5	23.7	78.8	10.9	0.7	6.4	0.7	3.1	0.5	1.2	0.2	0.9	0.1	16.5	502
MGA043	36	40	4	154.2	261.6	28.8	96.5	13.7	1.2	8.4	0.9	4.3	0.8	2.0	0.3	1.7	0.2	27.2	602
MGA043	40	43	3	70.5	112.5	14.4	49.8	7.9	1.2	5.4	0.6	2.9	0.5	1.4	0.2	1.3	0.2	19.8	289
MGA044	0	4	4	25.0	58.8	6.3	23.1	4.3	0.9	3.3	0.5	2.9	0.6	1.7	0.4	1.6	0.3	15.1	145
MGA044	4	8	4	42.6	69.3	7.7	26.0	3.8	0.9	2.2	0.3	1.7	0.3	0.9	0.2	1.0	0.1	9.0	166
MGA045	0	4	4	3.9	8.2	0.9	3.1	0.5	0.1	0.4	0.1	0.5	0.1	0.3	0.1	0.4	0.0	2.7	21
MGA045	4	8	4	7.9	16.5	1.8	6.1	1.0	0.2	0.7	0.1	0.7	0.1	0.4	0.1	0.5	0.1	3.7	40
MGA045	8	12	4	10.7	18.7	2.4	8.3	1.5	0.3	1.1	0.1	0.8	0.2	0.4	0.1	0.4	0.1	4.8	50
MGA045	12	16	4	7.9	13.8	1.4	4.4	0.7	0.2	0.3	0.1	0.4	0.1	0.3	0.0	0.3	0.0	2.4	32
MGA045	16	19	3	34.6	86.6	9.7	30.0	4.2	0.7	2.0	0.3	1.5	0.3	0.8	0.2	0.8	0.2	7.0	179
MGA046	0	1	1	10.1	20.5	2.3	8.5	1.6	0.3	1.1	0.2	1.2	0.2	0.8	0.2	0.8	0.1	6.2	54
MGA046	0	4	4	4.6	8.7	0.9	3.3	0.6	0.1	0.4	0.1	0.4	0.1	0.3	0.0	0.4	0.0	2.4	22
MGA047	0	4	4	26.4	31.2	5.2	18.7	3.0	0.6	2.0	0.3	1.7	0.3	0.9	0.2	0.9	0.1	11.6	103
MGA047	4	8	4	92.5	182.4	19.0	60.1	8.2	0.8	4.9	0.6	3.7	0.7	1.9	0.3	1.6	0.3	21.1	398

Drill Hole ID	From (m)	To (m)	Int. (m)	La ₂ O ₃ ppm	CeO ₂ ppm	Pr ₆ O ₁₁ ppm	Nd ₂ O ₃ ppm	Sm ₂ O ₃ ppm	Eu ₂ O ₃ ppm	Gd ₂ O ₃ ppm	Tb ₄ O ₇ ppm	Dy ₂ O ₃ ppm	Ho ₂ O ₃ ppm	Er ₂ O ₃ ppm	Tm ₂ O ₃ ppm	Yb ₂ O ₃ ppm	Lu ₂ O ₃ ppm	Y ₂ O ₃ ppm	TREO ppm
MGA047	8	12	4	160.1	308.3	31.9	102.9	14.3	1.3	9.5	1.3	7.7	1.5	4.1	0.5	3.2	0.4	46.0	693
MGA047	12	16	4	119.6	227.9	23.1	73.7	10.8	1.1	7.5	1.2	7.2	1.4	4.0	0.6	3.3	0.4	44.8	527
MGA047	16	20	4	151.9	283.8	29.8	100.3	16.4	1.6	11.6	1.8	9.8	1.8	4.9	0.6	4.2	0.6	53.5	672
MGA048	0	4	4	25.9	47.7	5.4	20.1	3.1	0.7	2.6	0.3	2.2	0.4	1.2	0.2	1.2	0.2	14.1	125
MGA048	3	4	1	22.3	38.6	4.0	13.8	2.2	0.5	1.8	0.2	1.4	0.3	0.8	0.1	0.8	0.1	9.8	96
MGA048	4	8	4	32.5	65.7	6.4	22.4	3.7	0.7	2.3	0.3	1.9	0.3	1.0	0.2	1.2	0.2	12.3	151
MGA048	8	12	4	85.6	131.4	17.6	59.7	9.8	2.0	6.3	0.9	4.4	0.8	2.0	0.2	1.9	0.2	22.4	345
MGA048	12	16	4	35.5	186.1	14.4	57.5	10.9	2.1	7.4	1.1	6.6	1.3	3.8	0.6	3.6	0.5	30.7	362
MGA048	16	20	4	84.7	266.6	22.4	89.9	15.6	3.3	12.2	1.6	8.9	1.8	5.2	0.7	4.8	0.6	59.2	578
MGA048	20	24	4	46.7	91.0	12.6	47.1	9.2	2.2	7.2	1.0	6.5	1.3	3.8	0.7	3.7	0.5	40.4	274
MGA048	24	28	4	41.5	98.9	10.4	38.7	6.6	1.6	4.9	0.7	4.0	0.8	2.1	0.3	2.0	0.3	23.1	236
MGA048	28	32	4	67.2	145.0	16.4	63.0	11.3	2.0	8.7	1.3	7.4	1.4	3.8	0.6	3.3	0.5	43.2	375
MGA050	0	1	1	28.0	77.0	7.3	26.7	5.4	1.2	4.3	0.6	3.8	0.7	2.2	0.3	2.0	0.3	26.9	187
MGA050	1	4	3	21.0	53.3	5.2	19.7	3.7	0.7	3.0	0.5	2.8	0.5	1.6	0.3	1.5	0.2	17.4	132
MGA050	4	8	4	18.5	37.0	3.6	11.9	1.9	0.3	1.6	0.2	1.4	0.3	0.9	0.2	1.1	0.2	8.9	88
MGA050	8	12	4	18.1	39.1	3.5	11.4	1.7	0.3	1.3	0.2	1.1	0.2	0.6	0.2	0.8	0.1	8.0	87
MGA050	12	16	4	23.7	138.8	4.7	14.7	2.4	0.5	1.4	0.2	1.2	0.2	0.8	0.2	0.7	0.1	8.3	198
MGA050	16	17	1	158.3	140.7	35.9	109.9	15.5	3.2	7.5	0.9	4.8	0.8	2.4	0.3	1.8	0.3	22.7	505
MGA051	0	3	3	82.0	143.1	17.9	57.9	8.9	1.9	5.9	0.8	3.9	0.7	2.1	0.3	1.8	0.3	21.2	349
MGA051	3	4	1	55.5	107.5	12.1	38.3	6.1	1.2	3.6	0.4	2.6	0.5	1.3	0.1	1.1	0.2	13.8	244
MGA051	4	8	4	65.9	118.3	14.3	47.1	7.5	1.8	5.0	0.7	3.8	0.7	1.9	0.3	1.4	0.2	21.3	290
MGA051	8	12	4	31.3	68.3	8.5	29.5	5.6	1.2	4.1	0.7	4.2	0.8	2.4	0.4	2.3	0.3	22.6	182
MGA051	12	16	4	294.4	234.0	79.5	310.3	70.5	18.2	68.7	10.5	63.4	11.8	31.7	4.2	24.9	3.4	370.8	1596
MGA051	16	20	4	63.2	108.6	15.5	56.2	12.2	2.8	12.0	1.7	8.9	1.6	4.7	0.6	3.1	0.5	45.8	337
MGA051	20	23	3	20.1	26.0	4.3	17.3	4.3	1.5	6.0	1.0	7.0	1.5	5.1	0.7	3.8	0.6	62.0	161
MGA060A	0	4	4	12.8	33.5	3.3	12.4	2.4	0.6	2.0	0.3	2.3	0.4	1.2	0.2	1.4	0.2	12.6	86
MGA060A	4	8	4	3.5	5.8	0.6	2.2	0.5	0.1	0.4	0.1	0.5	0.1	0.3	0.1	0.5	0.1	2.8	18
MGA060A	8	12	4	55.6	35.9	6.9	18.1	2.6	0.7	2.1	0.3	1.7	0.3	0.9	0.1	0.7	0.1	6.9	133
MGA060A	12	16	4	49.1	51.1	7.7	23.1	2.7	0.6	1.8	0.2	1.2	0.2	0.7	0.1	0.6	0.1	6.6	146
MGA060A	16	17	1	148.9	305.9	26.8	79.8	9.5	2.2	5.7	0.7	3.4	0.6	1.5	0.2	1.2	0.2	16.6	603
MGA061A	0	4	4	14.3	23.1	2.8	10.8	2.1	0.6	2.3	0.4	2.4	0.5	1.4	0.2	1.4	0.2	15.7	78
MGA061A	4	7	3	24.3	34.4	3.0	8.6	1.2	0.6	0.7	0.1	0.5	0.1	0.3	0.1	0.3	0.1	2.9	77
MGA062	0	4	4	2.7	5.9	0.6	2.1	0.5	0.1	0.4	0.1	0.5	0.1	0.3	0.2	0.4	0.1	2.9	17
MGA062	4	8	4	4.6	8.6	0.9	3.5	0.7	0.1	0.5	0.1	0.8	0.2	0.6	0.1	0.8	0.1	4.4	26
MGA062	8	12	4	3.0	5.5	0.6	1.9	0.4	0.1	0.4	0.1	0.4	0.1	0.3	0.1	0.5	0.1	2.5	16
MGA062	12	16	4	2.3	4.9	0.5	2.0	0.5	0.1	0.4	0.1	0.5	0.1	0.4	0.1	0.5	0.1	2.8	15
MGA062	16	20	4	26.4	58.7	6.5	22.6	4.2	0.9	2.8	0.4	2.1	0.4	1.1	0.1	1.2	0.2	11.0	139
MGA062	20	22	2	38.6	77.4	9.1	34.2	6.2	1.4	4.7	0.7	4.0	0.7	2.2	0.3	1.9	0.3	20.8	202
MGA063	0	4	4	7.4	73.8	1.7	6.2	1.2	0.3	0.9	0.2	0.9	0.2	0.6	0.1	0.6	0.1	4.8	99
MGA063	4	8	4	68.3	122.6	11.7	38.8	5.8	1.3	3.5	0.4	1.7	0.3	0.5	0.1	0.4	0.0	4.8	260
MGA063	8	11	3	78.2	138.2	13.5	44.1	6.3	1.5	3.9	0.4	1.9	0.3	0.8	0.2	0.5	0.1	7.1	297
MGA064	0	4	4	79.3	215.6	15.0	51.0	6.3	1.5	4.1	0.5	2.7	0.5	1.5	0.3	1.3	0.2	16.1	396
MGA064	4	8	4	84.7	154.2	15.6	50.4	6.1	1.6	3.0	0.3	1.3	0.2	0.5	0.1	0.4	0.1	6.9	325
MGA065	0	4	4	19.4	38.0	6.2	25.2	5.7	1.4	4.1	0.6	3.6	0.7	1.9	0.3	1.8	0.2	16.5	126

Drill Hole ID	From (m)	To (m)	Int. (m)	La ₂ O ₃ ppm	CeO ₂ ppm	Pr ₆ O ₁₁ ppm	Nd ₂ O ₃ ppm	Sm ₂ O ₃ ppm	Eu ₂ O ₃ ppm	Gd ₂ O ₃ ppm	Tb ₄ O ₇ ppm	Dy ₂ O ₃ ppm	Ho ₂ O ₃ ppm	Er ₂ O ₃ ppm	Tm ₂ O ₃ ppm	Yb ₂ O ₃ ppm	Lu ₂ O ₃ ppm	Y ₂ O ₃ ppm	TREO ppm
MGA066	0	4	4	12.4	32.1	3.7	14.9	2.9	0.8	2.4	0.3	1.9	0.4	1.2	0.3	1.2	0.2	10.3	85
MGA066	4	5	1	7.5	13.5	1.3	4.8	0.8	0.6	0.7	0.1	0.5	0.1	0.3	0.1	0.3	0.1	2.9	34
MGA067	0	4	4	21.0	55.2	6.5	25.4	5.3	1.1	4.3	0.7	3.7	0.8	2.4	0.4	2.3	0.3	22.7	152
MGA067	4	8	4	5.9	12.3	1.4	5.4	0.8	0.3	0.9	0.2	0.9	0.2	0.6	0.2	0.7	0.1	6.1	36
MGA067	8	12	4	67.7	100.5	11.7	39.3	5.8	1.6	3.6	0.5	2.6	0.5	1.4	0.2	1.5	0.2	13.8	251
MGA067	12	13	1	33.4	63.9	6.0	20.3	3.2	0.2	2.2	0.3	1.2	0.2	0.7	0.1	0.7	0.1	7.5	140
MGA067	13	16	3	76.2	139.4	15.6	55.1	7.4	1.8	4.0	0.4	2.1	0.4	1.1	0.2	0.9	0.1	12.2	317
MGA067	16	17	1	53.1	127.1	10.7	36.3	5.7	0.4	4.1	0.4	2.1	0.4	0.9	0.2	0.9	0.1	11.0	253
MGA067	17	20	3	94.9	211.3	22.6	85.3	13.0	3.1	9.2	1.1	5.7	1.2	3.5	0.5	2.3	0.3	66.7	521
MGA067	20	24	4	122.6	307.1	32.6	128.9	19.1	4.7	10.9	1.2	5.2	0.8	2.1	0.3	1.4	0.2	28.7	666
MGA067	24	27	3	41.8	80.2	8.2	29.6	3.9	1.4	2.5	0.3	1.4	0.3	0.7	0.1	0.5	0.1	8.8	180
MGA068	0	4	4	29.3	61.2	6.5	23.0	4.3	1.3	3.6	0.6	3.3	0.6	1.9	0.4	2.1	0.3	17.9	156
MGA068	4	8	4	40.2	72.8	7.2	24.6	3.5	1.1	2.4	0.3	1.5	0.3	0.9	0.2	0.9	0.1	10.2	166
MGA068	8	11	3	68.4	150.5	17.3	72.6	13.7	4.2	13.5	1.9	11.1	2.2	6.1	0.9	5.4	0.7	63.7	432
MGA073	0	4	4	32.7	93.4	8.5	32.7	6.5	1.6	5.9	0.9	5.1	1.1	3.0	0.5	3.1	0.5	30.4	226
MGA073	4	8	4	54.8	80.6	7.2	22.6	3.9	1.0	3.0	0.4	2.4	0.5	1.3	0.2	1.3	0.2	11.8	191
MGA073	8	12	4	77.3	165.8	17.2	63.6	11.4	3.0	8.7	1.3	6.7	1.2	3.5	0.4	3.2	0.4	32.0	396
MGA073	12	16	4	55.9	109.5	12.5	49.2	9.3	2.6	9.0	1.3	7.5	1.6	4.6	0.7	4.1	0.5	48.4	317
MGA073	16	18	2	67.4	122.6	12.9	42.8	7.1	1.8	6.0	0.8	4.6	1.0	2.9	0.4	2.7	0.4	34.7	308
MGA074	0	4	4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0
MGA074	4	8	4	4.9	9.7	1.4	5.1	1.0	0.2	0.9	0.1	0.8	0.2	0.5	0.1	0.5	0.1	4.8	30
MGA074	8	12	4	2.3	7.7	0.8	2.9	0.7	0.2	0.5	0.1	0.5	0.1	0.3	0.1	0.4	0.0	2.3	19
MGA074	12	16	4	15.2	35.1	2.0	6.8	1.2	0.3	0.9	0.2	0.8	0.2	0.6	0.1	0.6	0.1	5.7	70
MGA074	16	20	4	57.7	79.4	6.5	17.8	2.6	0.6	2.0	0.3	1.6	0.3	0.9	0.1	0.9	0.1	9.8	181
MGA074	20	24	4	50.3	51.6	6.5	17.6	2.6	0.7	1.9	0.3	1.5	0.2	0.7	0.1	0.6	0.1	8.3	143
MGA074	24	28	4	18.3	46.7	3.1	10.6	1.7	0.3	1.5	0.2	1.0	0.2	0.5	0.1	0.4	0.1	6.2	91
MGA074	28	32	4	12.9	33.0	2.1	7.5	1.6	0.3	1.5	0.2	1.4	0.3	0.8	0.1	0.8	0.1	9.3	72
MGA074	32	36	4	12.0	64.5	2.2	7.8	1.8	0.5	1.6	0.2	1.5	0.3	1.0	0.1	0.8	0.1	10.0	104
MGA074	36	40	4	46.9	169.5	6.0	16.1	2.6	0.6	2.1	0.3	1.8	0.3	1.0	0.2	0.9	0.1	10.5	259
MGA074	40	44	4	32.4	41.8	4.8	14.1	2.5	0.5	1.9	0.3	1.6	0.3	0.8	0.1	0.7	0.1	8.8	111
MGA074	44	47	3	27.9	55.4	5.5	20.1	3.7	0.9	3.1	0.5	2.7	0.5	1.7	0.2	1.5	0.2	17.1	141
MGA075	0	4	4	62.0	147.4	13.8	46.7	7.8	1.5	5.6	0.8	4.5	0.8	2.2	0.3	2.0	0.3	20.7	316
MGA075	4	5	1	20.2	34.9	3.6	11.8	1.8	0.3	1.3	0.2	1.0	0.2	0.5	0.1	0.5	0.1	5.0	81
MGA075	5	8	3	17.4	28.9	3.1	10.0	1.5	0.3	1.1	0.2	1.0	0.2	0.5	0.1	0.7	0.1	5.2	70
MGA075	8	12	4	24.2	33.5	4.6	15.5	2.9	0.6	2.1	0.3	2.2	0.4	1.3	0.3	1.5	0.2	10.7	100
MGA075	12	16	4	58.5	84.4	10.1	31.1	5.2	1.2	3.4	0.5	3.1	0.5	1.3	0.2	1.5	0.2	13.1	214
MGA075	16	20	4	7.9	95.4	1.8	6.5	1.4	0.3	1.4	0.2	1.4	0.3	0.9	0.2	0.9	0.1	9.0	128
MGA075	20	24	4	15.4	28.7	3.0	9.4	1.8	0.4	1.7	0.3	1.7	0.3	1.0	0.1	1.0	0.2	10.4	75
MGA076	0	4	4	25.3	58.2	5.9	21.3	4.2	0.9	3.3	0.5	3.1	0.6	1.7	0.3	1.6	0.2	15.2	142
MGA076	4	8	4	20.8	35.5	4.2	14.5	2.5	0.5	1.9	0.3	1.7	0.3	0.9	0.2	1.0	0.1	8.5	93
MGA076	8	12	4	13.5	15.8	2.2	7.7	1.0	0.3	1.0	0.2	0.9	0.2	0.8	0.1	0.7	0.1	8.9	53
MGA076	12	16	4	26.5	19.5	4.6	15.5	2.3	0.5	1.7	0.2	1.2	0.3	0.8	0.2	0.6	0.1	7.5	81
MGA076	16	20	4	77.8	76.0	15.0	52.5	8.5	1.7	5.2	0.8	4.2	0.8	2.0	0.3	1.7	0.2	15.5	262
MGA076	20	24	4	262.7	331.7	49.3	152.2	19.5	2.8	9.7	1.3	6.4	1.0	2.9	0.4	2.6	0.4	26.0	869

Drill Hole ID	From (m)	To (m)	Int. (m)	La ₂ O ₃ ppm	CeO ₂ ppm	Pr ₆ O ₁₁ ppm	Nd ₂ O ₃ ppm	Sm ₂ O ₃ ppm	Eu ₂ O ₃ ppm	Gd ₂ O ₃ ppm	Tb ₄ O ₇ ppm	Dy ₂ O ₃ ppm	Ho ₂ O ₃ ppm	Er ₂ O ₃ ppm	Tm ₂ O ₃ ppm	Yb ₂ O ₃ ppm	Lu ₂ O ₃ ppm	Y ₂ O ₃ ppm	TREO ppm
MGA076	24	28	4	307.3	1009.7	65.2	204.7	25.4	3.9	12.6	1.6	8.1	1.4	3.9	0.6	3.5	0.4	35.4	1684
MGA076	28	31	3	384.7	641.2	74.8	247.3	35.1	7.0	22.3	3.1	15.3	2.6	7.0	0.9	5.4	0.7	64.0	1511
MGA076	31	32	1	422.2	723.5	84.6	290.4	41.0	9.0	29.4	3.9	19.8	3.3	8.6	1.1	6.8	0.9	81.8	1726
MGA077	0	4	4	16.4	33.5	3.7	13.3	2.1	0.5	1.9	0.3	2.1	0.4	1.2	0.2	1.2	0.2	12.1	89
MGA077	4	8	4	8.8	18.8	2.0	6.8	1.2	0.3	1.0	0.1	0.9	0.2	0.6	0.1	0.5	0.1	5.0	46
MGA077	8	12	4	13.7	58.1	2.7	9.4	1.3	0.3	1.1	0.2	0.9	0.2	0.6	0.2	0.7	0.1	6.7	96
MGA077	12	16	4	9.9	58.2	2.6	9.6	1.8	0.3	1.3	0.2	1.1	0.2	0.7	0.2	0.7	0.1	7.6	94
MGA077	16	20	4	14.3	149.3	2.7	9.9	1.5	0.4	1.5	0.2	1.3	0.3	0.8	0.1	0.8	0.1	10.4	194
MGA077	20	24	4	29.2	155.4	8.0	29.0	5.6	1.6	4.6	0.7	4.5	1.0	2.6	0.5	2.6	0.4	27.8	274
MGA077	24	28	4	54.8	124.7	12.8	47.4	7.8	2.2	6.3	0.8	4.7	0.9	2.2	0.4	2.2	0.3	21.2	289
MGA077	28	32	4	88.3	125.3	17.2	54.5	7.3	2.1	4.7	0.6	2.8	0.5	1.3	0.2	1.1	0.2	13.7	320
MGA077	32	36	4	79.0	150.5	17.8	58.9	8.3	2.2	5.9	0.7	3.8	0.7	1.8	0.3	1.6	0.2	19.0	351
MGA077	36	39	3	82.0	116.2	17.0	56.3	7.7	2.1	6.0	0.7	3.6	0.7	1.7	0.3	1.6	0.2	21.3	318
MGA078	0	4	4	6.6	12.0	1.3	4.3	0.7	0.2	0.6	0.1	0.6	0.1	0.4	0.1	0.4	0.1	3.6	31
MGA078	4	8	4	8.7	13.0	1.3	4.4	0.6	0.2	0.5	0.1	0.5	0.1	0.3	0.1	0.4	0.1	3.3	34
MGA078	8	12	4	6.0	8.7	0.9	3.0	0.4	0.2	0.4	0.1	0.4	0.1	0.2	0.1	0.3	0.0	2.2	23
MGA078	12	16	4	7.9	15.5	1.6	5.1	1.0	0.2	0.7	0.1	0.6	0.1	0.4	0.1	0.4	0.1	3.3	37
MGA078	16	20	4	8.2	13.9	1.7	5.7	1.1	0.2	0.9	0.1	0.8	0.2	0.5	0.1	0.6	0.1	4.4	39
MGA078	20	24	4	5.0	10.1	1.1	3.5	0.7	0.1	0.5	0.1	0.5	0.1	0.3	0.0	0.3	0.0	2.7	25
MGA078	24	28	4	5.7	13.3	1.6	5.7	1.1	0.2	0.9	0.2	0.9	0.2	0.5	0.1	0.7	0.1	5.3	37
MGA078	28	32	4	11.3	26.9	2.8	9.7	1.8	0.3	1.2	0.2	1.2	0.2	0.5	0.1	0.6	0.1	5.5	62
MGA078	32	36	4	29.9	75.2	7.0	24.0	4.0	1.1	4.1	0.6	3.7	0.8	2.0	0.3	1.8	0.3	26.5	181
MGA078	36	38	2	26.9	60.1	6.6	28.2	6.5	2.1	9.0	1.4	8.7	1.9	5.3	0.8	4.7	0.8	66.2	229
MGA079	0	4	4	9.5	22.0	2.3	8.3	1.5	0.4	1.4	0.2	1.4	0.3	0.8	0.2	1.0	0.1	7.7	57
MGA079	4	8	4	12.8	18.8	2.3	7.0	1.1	0.2	0.9	0.2	1.2	0.3	0.8	0.1	0.8	0.1	7.4	54
MGA079	8	12	4	39.4	40.8	4.9	14.9	2.0	0.5	1.7	0.2	1.4	0.3	0.7	0.2	0.9	0.1	7.6	116
MGA079	12	16	4	43.2	41.0	6.4	19.2	2.6	0.6	1.8	0.2	1.2	0.2	0.5	0.1	0.6	0.1	5.6	123
MGA079	16	20	4	127.2	66.1	18.3	49.6	5.5	1.2	3.0	0.4	1.8	0.3	0.7	0.2	0.8	0.1	7.7	283
MGA079	20	24	4	145.4	192.9	27.1	76.5	8.8	2.0	4.4	0.5	2.2	0.3	0.7	0.1	0.5	0.1	6.7	468
MGA079	24	28	4	51.7	88.7	8.7	23.3	2.7	0.6	1.4	0.2	0.9	0.1	0.3	0.1	0.5	0.1	2.8	182
MGA079	28	32	4	76.9	164.6	12.9	35.2	4.0	1.0	2.1	0.3	1.2	0.2	0.5	0.2	0.4	0.1	3.9	304
MGA079	32	33	1	59.0	115.5	10.3	31.3	4.2	1.0	2.2	0.3	1.3	0.2	0.6	0.1	0.5	0.1	6.2	233
MGA080	0	4	4	11.3	18.1	2.0	6.6	1.1	0.3	0.9	0.1	0.8	0.2	0.6	0.2	0.7	0.1	5.5	48
MGA080	4	8	4	13.1	19.9	2.1	6.6	1.0	0.3	1.0	0.2	1.0	0.2	0.7	0.1	0.6	0.1	8.1	55
MGA080	8	12	4	28.1	51.2	5.2	16.8	2.4	0.5	1.9	0.2	1.4	0.3	0.7	0.1	0.9	0.1	7.5	117
MGA080	12	16	4	42.9	54.0	6.3	19.4	2.8	0.6	1.8	0.3	1.3	0.2	0.6	0.1	0.5	0.1	6.0	137
MGA080	16	20	4	42.1	43.7	6.5	19.8	2.8	0.6	1.9	0.3	1.3	0.2	0.6	0.1	0.7	0.1	5.8	127
MGA080	20	24	4	26.9	19.7	3.0	8.4	1.0	0.4	0.7	0.1	0.6	0.1	0.3	0.1	0.3	0.1	2.9	65
MGA080	24	28	4	30.6	20.9	3.4	9.4	1.2	0.4	0.8	0.1	0.6	0.1	0.4	0.1	0.4	0.1	3.6	72
MGA080	28	32	4	19.0	24.3	3.1	9.1	1.4	0.3	1.0	0.1	0.7	0.2	0.4	0.1	0.5	0.1	3.6	64
MGA080	32	36	4	81.7	303.4	26.3	94.2	15.5	3.6	12.2	1.6	9.4	1.7	4.3	0.7	4.4	0.6	38.7	599
MGA080	36	40	4	31.9	302.2	5.1	15.4	2.3	0.6	2.1	0.3	1.7	0.4	1.0	0.2	1.0	0.1	15.7	380
MGA080	40	44	4	28.7	41.6	4.2	13.8	2.1	0.6	1.8	0.2	1.3	0.3	0.7	0.2	0.7	0.1	6.2	103
MGA080	44	48	4	24.9	137.6	3.0	9.4	1.3	0.3	0.9	0.1	0.8	0.1	0.4	0.2	0.5	0.1	4.4	184

Drill Hole ID	From (m)	To (m)	Int. (m)	La ₂ O ₃ ppm	CeO ₂ ppm	Pr ₆ O ₁₁ ppm	Nd ₂ O ₃ ppm	Sm ₂ O ₃ ppm	Eu ₂ O ₃ ppm	Gd ₂ O ₃ ppm	Tb ₄ O ₇ ppm	Dy ₂ O ₃ ppm	Ho ₂ O ₃ ppm	Er ₂ O ₃ ppm	Tm ₂ O ₃ ppm	Yb ₂ O ₃ ppm	Lu ₂ O ₃ ppm	Y ₂ O ₃ ppm	TREO ppm
MGA080	48	52	4	204.7	438.5	71.8	268.3	48.2	12.6	33.5	4.8	25.5	4.4	11.9	1.6	9.6	1.1	98.5	1235
MGA080	52	53	1	188.2	242.6	48.7	187.8	31.1	8.4	27.5	3.7	21.9	4.4	13.7	1.9	11.7	1.6	158.1	951
MGA081	0	4	4	5.5	10.9	1.3	4.5	0.9	0.2	0.8	0.1	0.8	0.2	0.6	0.1	0.7	0.1	5.0	32
MGA081	4	8	4	4.5	7.5	0.8	2.7	0.5	0.1	0.4	0.1	0.5	0.1	0.5	0.1	0.6	0.1	3.9	22
MGA081	8	12	4	14.1	21.3	2.3	7.3	1.1	0.2	0.7	0.1	0.5	0.1	0.4	0.1	0.4	0.1	3.2	52
MGA081	12	16	4	39.3	56.8	4.3	13.4	2.0	0.4	1.3	0.2	1.0	0.2	0.5	0.1	0.6	0.1	5.0	125
MGA081	16	20	4	35.9	47.3	5.4	17.0	2.3	0.5	1.7	0.2	1.1	0.2	0.6	0.1	0.5	0.1	5.5	118
MGA081	20	24	4	43.4	45.7	6.8	21.7	3.1	0.7	2.0	0.2	1.4	0.2	0.6	0.1	0.6	0.1	5.7	132
MGA081	24	28	4	31.2	47.8	5.8	19.4	3.1	0.7	2.1	0.3	1.5	0.3	0.8	0.2	0.9	0.1	6.3	121
MGA081	28	32	4	54.9	140.0	14.8	54.2	9.6	2.0	7.4	1.0	5.9	1.1	3.1	0.5	2.8	0.5	30.4	328
MGA081	32	36	4	74.5	173.2	18.7	64.5	9.3	2.1	7.8	1.0	5.3	1.0	2.6	0.4	1.8	0.2	38.7	401
MGA081	36	40	4	29.0	37.1	6.0	20.5	3.1	0.9	2.7	0.3	1.8	0.4	1.0	0.2	0.8	0.1	11.0	115
MGA081	40	44	4	127.2	79.6	21.0	68.9	9.4	3.0	7.4	0.9	4.9	1.0	2.7	0.5	2.3	0.3	31.4	360
MGA081	44	48	4	41.6	51.8	8.3	29.5	4.4	1.3	3.2	0.4	2.1	0.4	1.1	0.2	1.1	0.2	10.8	157
MGA081	48	52	4	10.9	12.8	2.4	8.7	1.5	0.5	1.1	0.2	1.0	0.2	0.7	0.2	0.8	0.1	5.0	46
MGA081	52	56	4	36.5	46.9	6.2	21.1	3.3	1.1	2.8	0.3	2.0	0.3	1.1	0.2	1.0	0.1	9.7	133
MGA081	56	60	4	25.4	69.4	4.4	16.0	2.4	0.8	2.2	0.3	1.7	0.3	1.1	0.2	0.8	0.1	10.3	136
MGA081	60	64	4	36.9	97.0	6.4	23.3	3.5	1.2	2.5	0.3	1.5	0.3	0.9	0.2	0.7	0.1	10.0	185
MGA081	64	68	4	46.2	38.2	6.1	18.9	2.1	1.0	1.7	0.2	1.2	0.2	0.8	0.2	0.8	0.1	8.9	126
MGA081	68	72	4	32.0	43.0	4.6	14.3	1.9	0.9	1.5	0.2	1.1	0.2	0.7	0.2	0.6	0.1	9.5	111
MGA081	72	76	4	28.0	48.4	4.4	14.2	2.3	0.9	1.7	0.2	1.1	0.2	0.7	0.2	0.6	0.1	7.5	111
MGA081	76	79	3	64.3	66.1	9.4	28.8	2.8	1.0	1.8	0.2	1.1	0.2	0.6	0.1	0.5	0.1	6.6	184
MGA082	0	4	4	30.8	38.8	5.3	18.1	2.7	0.7	2.4	0.3	1.5	0.3	0.9	0.3	1.0	0.1	9.9	113
MGA082	4	6	2	15.4	28.3	3.2	11.4	1.9	0.4	1.0	0.1	0.6	0.1	0.3	0.0	0.3	0.0	2.9	66
MGA083	0	4	4	12.2	21.1	2.7	9.0	1.8	0.3	1.4	0.2	1.3	0.3	0.8	0.1	0.9	0.1	7.0	59
MGA083	4	8	4	76.3	84.1	6.0	14.5	1.6	0.3	0.9	0.1	0.4	0.1	0.2	0.1	0.2	0.0	1.8	187
MGA083	8	11	3	37.5	43.2	3.5	10.1	1.3	0.3	0.9	0.1	0.6	0.1	0.3	0.1	0.3	0.1	3.2	102
MGA084	0	4	4	7.0	12.8	1.4	4.3	0.8	0.2	0.7	0.1	0.7	0.2	0.5	0.2	0.6	0.1	4.4	34
MGA084	4	8	4	2.0	3.6	0.4	1.2	0.3	0.1	0.3	0.0	0.3	0.1	0.2	0.1	0.2	0.1	1.8	11
MGA084	8	12	4	1.1	1.7	0.2	0.7	0.2	0.0	0.2	0.0	0.2	0.0	0.1	0.1	0.2	0.0	1.0	6
MGA084	12	16	4	10.3	12.0	1.1	3.3	0.5	0.1	0.4	0.0	0.3	0.1	0.2	0.1	0.2	0.0	1.7	30
MGA084	16	20	4	72.6	125.3	12.0	37.4	4.5	1.1	2.3	0.3	1.1	0.2	0.4	0.3	0.4	0.0	4.7	263
MGA084	20	23	3	67.8	138.2	13.8	45.8	6.1	1.5	3.0	0.4	1.6	0.2	0.5	0.2	0.5	0.1	6.0	286
MGA085	0	4	4	14.1	35.0	3.5	13.1	2.7	0.6	2.1	0.3	2.0	0.4	1.1	0.3	1.3	0.2	10.2	87
MGA085	4	8	4	38.9	32.3	1.9	4.0	0.4	0.1	0.3	0.0	0.3	0.1	0.2	0.2	0.3	0.0	1.7	81
MGA085	8	12	4	49.6	53.1	3.1	6.8	0.8	0.3	0.5	0.1	0.4	0.1	0.2	0.2	0.2	0.0	1.7	117
MGA085	12	16	4	124.3	221.1	18.5	47.5	4.2	0.8	1.7	0.2	0.9	0.1	0.3	0.2	0.3	0.1	2.8	423
MGA085	16	19	3	65.9	148.0	15.8	53.0	6.5	1.5	3.6	0.4	2.0	0.3	1.0	0.3	0.8	0.1	7.4	307
MGA086	0	4	4	24.0	34.9	3.4	11.4	1.8	0.4	1.4	0.2	1.1	0.2	0.7	0.2	0.6	0.1	7.1	88
MGA086	4	6	2	63.6	85.5	6.8	19.8	2.3	0.9	1.1	0.1	0.6	0.1	0.3	0.1	0.2	0.0	2.9	184
MGA087	0	4	4	48.8	91.1	11.6	43.3	7.8	1.6	5.8	0.8	4.5	0.9	2.5	0.4	2.4	0.3	26.0	248
MGA087	4	8	4	9.4	9.6	0.7	1.7	0.4	0.1	0.1	0.0	0.3	0.0	0.2	0.2	0.2	0.0	1.3	24
MGA087	8	12	4	124.9	292.4	30.1	95.6	14.4	3.1	8.2	1.0	4.4	0.7	1.4	0.3	0.8	0.1	17.7	595
MGA087	12	16	4	26.7	42.1	3.6	10.6	1.3	0.3	0.7	0.1	0.4	0.1	0.2	0.1	0.3	0.0	2.2	89

Drill Hole ID	From (m)	To (m)	Int. (m)	La ₂ O ₃ ppm	CeO ₂ ppm	Pr ₆ O ₁₁ ppm	Nd ₂ O ₃ ppm	Sm ₂ O ₃ ppm	Eu ₂ O ₃ ppm	Gd ₂ O ₃ ppm	Tb ₄ O ₇ ppm	Dy ₂ O ₃ ppm	Ho ₂ O ₃ ppm	Er ₂ O ₃ ppm	Tm ₂ O ₃ ppm	Yb ₂ O ₃ ppm	Lu ₂ O ₃ ppm	Y ₂ O ₃ ppm	TREO ppm
MGA087	16	17	1	142.5	298.5	29.5	94.6	11.6	2.5	5.6	0.6	2.5	0.4	0.9	0.2	0.8	0.1	10.2	600
MGA088	0	4	4	7.4	16.3	1.8	6.5	1.4	0.3	1.2	0.2	1.2	0.2	0.7	0.3	0.8	0.1	6.7	45
MGA088	4	8	4	4.9	7.6	0.8	2.7	0.6	0.1	0.5	0.1	0.5	0.1	0.4	0.1	0.4	0.1	3.2	22
MGA088	8	12	4	17.8	26.3	2.2	5.9	0.8	0.2	0.4	0.1	0.3	0.0	0.2	0.1	0.2	0.0	1.5	56
MGA088	12	15	3	181.2	335.4	30.1	90.0	10.7	2.2	4.7	0.5	2.3	0.3	0.8	0.2	0.5	0.1	7.7	667
MGA089	0	4	4	10.2	17.1	1.6	5.8	1.1	0.3	0.8	0.1	0.7	0.1	0.4	0.2	0.5	0.1	4.3	43
MGA089	4	8	4	13.8	15.7	1.1	3.3	0.6	0.3	0.3	0.0	0.2	0.0	0.1	0.2	0.2	0.0	1.3	37
MGA089	8	12	4	57.0	91.1	8.2	24.1	2.9	0.8	1.4	0.2	0.7	0.1	0.2	0.2	0.3	0.0	3.0	190
MGA089	12	13	1	195.9	388.2	37.2	124.8	16.5	3.5	8.0	0.9	3.7	0.6	1.2	0.2	0.9	0.1	14.0	796
MGA090	0	4	4	25.4	47.7	5.6	19.8	3.4	0.8	2.8	0.4	2.3	0.5	1.4	0.3	1.4	0.2	13.5	125
MGA090	4	8	4	5.2	9.0	1.0	3.5	0.9	0.2	0.8	0.1	1.1	0.3	0.9	0.3	1.3	0.2	8.0	33
MGA090	8	12	4	63.9	73.9	14.7	62.3	9.0	2.0	4.5	0.4	2.0	0.3	0.8	0.2	0.8	0.1	7.9	243
MGA090	12	16	4	87.6	133.3	15.8	54.6	7.7	1.7	4.5	0.5	2.6	0.5	1.2	0.3	1.0	0.1	14.5	326
MGA090	16	20	4	143.1	314.5	31.9	111.6	15.7	3.3	8.0	0.9	4.0	0.7	1.7	0.4	1.2	0.2	20.2	657
MGA090	20	23	3	211.7	477.8	46.8	159.2	21.5	4.3	10.5	1.2	5.1	0.8	2.1	0.4	1.7	0.2	23.6	967
MGA095	0	4	4	18.1	97.8	5.8	21.7	4.9	1.1	3.9	0.7	3.8	0.7	2.1	0.4	2.1	0.3	18.8	182
MGA095	4	8	4	4.9	7.7	0.8	2.7	0.5	0.2	0.4	0.1	0.5	0.1	0.4	0.2	0.5	0.1	3.6	23
MGA095	8	12	4	12.0	14.7	1.2	3.7	0.6	0.6	0.4	0.1	0.5	0.1	0.3	0.2	0.4	0.1	2.9	38
MGA095	12	16	4	31.3	47.8	4.2	12.6	1.8	0.6	1.0	0.1	0.8	0.2	0.5	0.2	0.6	0.1	5.0	107
MGA095	16	20	4	111.2	224.2	21.9	68.1	10.6	1.6	5.2	0.7	3.4	0.5	1.2	0.3	1.0	0.1	14.0	464
MGA095	20	21	1	120.8	275.2	28.3	89.2	13.9	1.9	6.5	0.9	4.1	0.6	1.4	0.3	0.9	0.1	14.3	558
MGA100	0	4	4	12.7	27.8	2.9	10.6	2.2	0.5	1.7	0.3	1.9	0.4	1.2	0.3	1.2	0.2	10.8	75
MGA100	4	8	4	12.0	13.0	0.8	2.2	0.3	0.1	0.3	0.0	0.3	0.0	0.2	0.1	0.2	0.0	1.4	31
MGA100	8	12	4	14.1	13.5	0.8	2.0	0.2	0.1	0.2	0.0	0.2	0.0	0.1	0.1	0.1	0.0	1.3	33
MGA100	12	14	2	47.6	82.3	7.4	21.7	3.0	0.7	1.5	0.2	0.9	0.1	0.4	0.1	0.3	0.0	3.6	170
MGA112	0	4	4	34.0	37.3	4.7	15.4	2.4	0.5	1.8	0.3	1.4	0.3	0.8	0.2	1.0	0.1	8.3	109
MGA112	4	8	4	25.2	30.5	4.0	12.4	2.0	0.4	1.4	0.2	1.1	0.2	0.7	0.1	0.8	0.1	6.2	85
MGA112	8	12	4	11.0	14.2	1.4	4.1	0.8	0.2	0.6	0.1	0.5	0.1	0.5	0.1	0.5	0.1	2.9	37
MGA112	12	16	4	37.2	134.5	8.2	27.5	3.7	0.8	2.6	0.3	1.7	0.3	0.8	0.1	0.6	0.1	8.9	227
MGA112	16	20	4	51.8	189.8	12.0	41.4	6.4	1.4	4.1	0.5	2.9	0.5	1.3	0.2	1.0	0.2	12.7	326
MGA112	20	24	4	29.2	79.7	6.9	24.5	3.9	1.0	3.0	0.4	2.0	0.4	1.1	0.1	1.0	0.1	9.0	162
MGA112	24	28	4	27.8	11.1	5.2	18.8	2.7	0.7	2.1	0.2	1.4	0.3	0.7	0.1	0.6	0.1	7.7	80
MGA112	28	32	4	70.7	85.5	12.9	43.6	7.1	1.7	5.6	0.8	3.8	0.7	1.6	0.1	1.0	0.1	18.9	254
MGA112	32	36	4	50.4	116.5	11.3	40.2	6.7	1.8	5.2	0.7	4.2	0.8	2.2	0.3	1.7	0.3	22.5	265
MGA112	36	38	2	16.7	37.8	4.9	20.1	5.0	1.6	5.8	1.0	6.4	1.3	4.1	0.5	3.7	0.6	41.7	151
MGA113	0	4	4	9.3	17.1	1.9	7.0	1.1	0.3	1.3	0.2	1.2	0.2	0.7	0.1	0.8	0.1	6.3	48
MGA113	4	8	4	21.1	31.8	3.5	11.4	1.7	0.5	1.2	0.2	0.9	0.1	0.4	0.0	0.4	0.1	4.1	77
MGA114	0	3	3	32.8	59.9	7.3	24.3	4.3	0.8	3.0	0.5	2.8	0.5	1.5	0.2	1.4	0.2	15.2	155
MGA114	3	4	1	40.0	92.9	8.5	28.1	4.9	1.0	3.8	0.6	3.3	0.6	1.8	0.3	1.8	0.3	18.8	207
MGA114	4	6	2	31.7	72.2	6.5	21.8	4.2	1.0	3.5	0.5	3.3	0.7	1.9	0.2	1.7	0.3	18.8	168
MGA115	0	4	4	31.5	44.0	6.0	20.5	3.5	0.8	2.9	0.5	2.7	0.5	1.5	0.2	1.5	0.2	15.4	132
MGA115	4	8	4	18.1	29.2	3.8	12.8	2.6	0.6	2.2	0.3	2.2	0.5	1.4	0.2	1.6	0.2	11.8	87
MGA115	8	12	4	24.4	30.7	4.4	14.1	2.5	0.6	1.8	0.3	1.7	0.3	1.1	0.1	1.3	0.2	8.3	92
MGA115	12	16	4	16.9	24.6	3.6	11.7	2.4	0.6	2.0	0.4	2.3	0.4	1.4	0.2	1.7	0.3	9.3	78

Drill Hole ID	From (m)	To (m)	Int. (m)	La ₂ O ₃ ppm	CeO ₂ ppm	Pr ₆ O ₁₁ ppm	Nd ₂ O ₃ ppm	Sm ₂ O ₃ ppm	Eu ₂ O ₃ ppm	Gd ₂ O ₃ ppm	Tb ₄ O ₇ ppm	Dy ₂ O ₃ ppm	Ho ₂ O ₃ ppm	Er ₂ O ₃ ppm	Tm ₂ O ₃ ppm	Yb ₂ O ₃ ppm	Lu ₂ O ₃ ppm	Y ₂ O ₃ ppm	TREO ppm
MGA115	16	20	4	5.9	15.5	1.7	6.1	1.5	0.5	1.7	0.3	2.2	0.5	1.6	0.3	2.2	0.3	10.3	50
MGA115	20	24	4	8.9	58.7	3.0	11.5	3.1	0.8	2.9	0.6	3.8	0.7	2.3	0.4	3.0	0.5	14.3	115
MGA115	24	28	4	16.2	122.2	5.1	18.9	4.4	1.2	4.4	0.8	5.3	1.1	3.8	0.5	4.1	0.6	23.1	212
MGA115	28	32	4	106.5	194.1	29.7	115.0	23.8	6.2	22.1	3.3	19.4	3.7	10.5	1.4	10.0	1.3	95.4	642
MGA115	32	36	4	130.8	161.5	37.3	158.6	34.8	10.2	44.0	6.6	41.3	8.8	25.4	3.3	20.8	3.2	327.6	1014
MGA115	36	39	3	35.5	69.5	10.5	44.8	10.8	3.1	12.4	2.0	12.5	2.6	8.0	1.0	6.9	1.1	82.2	303
MGA116	0	3	3	14.2	23.3	2.6	8.4	1.8	0.4	1.4	0.2	1.2	0.3	1.0	0.1	1.1	0.2	7.7	64
MGA116	3	4	1	19.4	28.9	3.3	10.4	1.8	0.4	1.5	0.2	1.4	0.3	0.8	0.2	0.9	0.2	7.5	77
MGA116	4	8	4	17.6	23.3	3.3	11.3	1.9	0.5	2.1	0.4	2.2	0.4	1.3	0.2	1.4	0.2	11.8	78
MGA116	8	12	4	22.5	30.0	4.0	13.1	2.2	0.5	1.9	0.3	1.7	0.4	1.0	0.1	1.0	0.1	9.9	89
MGA116	12	16	4	49.0	84.5	6.8	16.2	2.1	0.5	1.4	0.2	1.4	0.3	0.8	0.1	0.8	0.1	6.6	171
MGA116	16	20	4	47.5	140.7	9.1	20.8	2.3	0.5	1.6	0.3	1.8	0.4	1.4	0.2	1.7	0.2	9.3	238
MGA116	20	24	4	5.9	23.6	1.5	5.4	1.3	0.4	1.4	0.3	2.0	0.4	1.4	0.2	2.1	0.3	9.7	56
MGA116	24	28	4	16.0	42.7	3.3	10.1	2.2	0.6	2.1	0.4	2.8	0.6	2.1	0.3	2.5	0.4	15.0	101
MGA116	28	32	4	12.0	36.4	2.7	9.7	2.2	0.6	2.4	0.4	3.3	0.7	2.2	0.3	2.8	0.5	15.7	92
MGA116	32	36	4	11.3	35.9	2.7	10.1	2.4	0.6	2.2	0.4	2.9	0.6	2.1	0.3	2.2	0.4	13.5	88
MGA116	36	40	4	8.9	44.0	3.0	12.4	3.6	1.0	3.8	0.7	5.2	1.1	3.4	0.5	4.1	0.6	22.9	115
MGA116	40	44	4	173.6	302.2	66.1	307.9	79.0	22.8	91.7	14.5	93.2	18.7	53.3	7.2	45.0	6.3	654.0	1935
MGA116	44	48	4	33.3	61.8	10.1	46.9	11.5	3.4	14.1	2.3	15.4	3.2	9.4	1.3	8.1	1.2	113.4	335
MGA117	0	4	4	46.3	78.7	13.1	49.1	9.2	1.8	6.9	1.1	5.9	1.2	3.0	0.5	2.9	0.5	31.2	251
MGA117	4	7	3	17.0	24.8	3.5	12.1	2.1	0.4	1.6	0.2	1.5	0.3	0.9	0.1	0.9	0.1	8.3	74
MGA117	7	8	1	23.1	31.9	5.1	18.0	3.0	0.6	2.4	0.4	2.1	0.4	1.4	0.2	1.3	0.2	12.8	103
MGA117	8	12	4	30.4	42.1	7.1	25.7	4.2	0.9	3.3	0.5	2.7	0.5	1.5	0.2	1.5	0.2	15.0	136
MGA117	12	16	4	17.6	27.4	3.5	12.2	2.2	0.5	1.7	0.3	1.5	0.3	0.8	0.1	0.9	0.1	7.4	76
MGA117	16	20	4	31.7	40.5	6.2	20.9	3.4	0.6	2.3	0.3	1.7	0.3	1.0	0.1	0.9	0.1	9.3	119
MGA117	20	24	4	26.4	30.6	4.7	15.0	2.3	0.5	1.9	0.3	1.5	0.3	0.9	0.2	0.9	0.1	7.5	93
MGA117	24	28	4	21.3	24.9	3.7	12.0	1.9	0.5	1.4	0.2	1.3	0.3	0.8	0.1	0.9	0.1	6.7	76
MGA117	28	32	4	19.6	22.4	2.8	8.5	1.2	0.3	1.0	0.1	0.7	0.1	0.4	0.0	0.4	0.1	3.3	61
MGA117	32	36	4	32.3	44.2	5.8	19.5	3.4	0.7	2.4	0.3	1.9	0.3	1.0	0.2	1.1	0.2	7.6	121
MGA117	36	40	4	32.8	33.2	5.8	21.5	4.6	1.0	3.3	0.5	2.6	0.5	1.3	0.2	1.4	0.3	12.6	121
MGA117	40	44	4	26.2	29.0	4.5	15.4	3.2	0.8	2.4	0.3	1.9	0.3	1.0	0.1	1.2	0.2	9.0	95
MGA117	44	48	4	17.8	23.5	3.3	12.4	2.5	0.6	1.9	0.3	1.5	0.3	0.9	0.1	1.2	0.2	8.3	75
MGA117	48	52	4	27.1	50.2	5.1	16.1	2.4	0.4	1.5	0.2	1.2	0.2	0.9	0.1	1.1	0.2	7.4	114
MGA117	52	56	4	17.6	106.1	3.5	11.3	1.7	0.3	1.4	0.2	0.9	0.2	0.6	0.1	0.5	0.1	5.7	150
MGA117	56	60	4	14.8	161.5	2.5	8.2	1.1	0.1	0.9	0.1	0.6	0.1	0.3	0.1	0.3	0.1	3.9	195
MGA117	60	64	4	22.9	73.5	3.5	10.3	1.6	0.2	1.0	0.1	0.6	0.1	0.2	0.0	0.4	0.1	3.2	118
MGA117	64	68	4	69.3	76.9	15.9	53.5	8.7	2.6	6.1	0.8	4.2	0.7	2.0	0.3	1.5	0.2	19.8	263
MGA117	68	70	2	20.5	33.2	4.6	17.4	3.4	1.0	3.4	0.5	2.8	0.6	1.6	0.2	1.4	0.2	16.8	108
MGA118	0	3	3	67.6	45.0	8.9	25.7	3.9	0.7	2.5	0.4	2.1	0.4	1.0	0.1	0.8	0.1	9.9	169
MGA118	3	4	1	52.4	71.7	9.2	28.2	4.3	0.5	2.9	0.4	2.0	0.4	1.0	0.1	1.0	0.1	11.0	186
MGA118	4	8	4	87.6	49.4	10.5	27.4	3.5	0.5	2.1	0.3	1.6	0.3	0.9	0.1	1.0	0.2	9.3	195
MGA118	8	12	4	154.2	93.2	16.1	36.5	3.7	0.4	2.3	0.3	1.8	0.3	0.8	0.1	0.9	0.1	10.0	321
MGA118	12	16	4	616.9	429.9	87.7	236.8	26.7	3.3	11.5	1.2	5.4	0.8	1.4	0.2	0.9	0.1	17.0	1440
MGA118	16	20	4	76.5	118.8	12.8	40.7	7.4	1.1	5.4	0.8	4.2	0.8	2.0	0.3	1.5	0.2	18.5	291

Drill Hole ID	From (m)	To (m)	Int. (m)	La ₂ O ₃ ppm	CeO ₂ ppm	Pr ₆ O ₁₁ ppm	Nd ₂ O ₃ ppm	Sm ₂ O ₃ ppm	Eu ₂ O ₃ ppm	Gd ₂ O ₃ ppm	Tb ₄ O ₇ ppm	Dy ₂ O ₃ ppm	Ho ₂ O ₃ ppm	Er ₂ O ₃ ppm	Tm ₂ O ₃ ppm	Yb ₂ O ₃ ppm	Lu ₂ O ₃ ppm	Y ₂ O ₃ ppm	TREO ppm
MGA118	20	24	4	91.2	141.9	16.1	49.6	8.2	1.1	5.6	0.8	4.4	0.7	1.9	0.3	1.7	0.3	18.9	343
MGA118	24	28	4	114.2	64.1	20.0	60.0	9.1	1.5	6.2	0.8	4.0	0.6	1.6	0.2	1.0	0.2	15.4	299
MGA118	28	32	4	81.3	141.3	17.8	59.8	10.8	1.4	7.9	1.2	5.9	0.9	2.3	0.3	1.8	0.2	23.5	357
MGA118	32	36	4	109.1	310.8	20.4	70.1	12.5	1.3	9.4	1.3	6.9	1.2	3.3	0.5	3.0	0.4	30.1	580
MGA118	36	37	1	661.5	1234.5	239.2	890.0	160.6	29.2	98.8	13.3	67.8	11.3	29.6	4.0	24.9	3.1	261.6	3729
MGA119	0	3	3	18.5	30.5	3.1	10.6	1.7	0.5	1.4	0.2	1.3	0.2	0.7	0.1	0.9	0.1	7.4	77
MGA130	0	4	4	7.5	19.2	1.6	5.8	1.2	0.3	1.0	0.2	1.1	0.2	0.7	0.1	1.0	0.1	6.3	46
MGA130	4	8	4	4.1	7.4	0.8	2.8	0.5	0.1	0.4	0.1	0.5	0.1	0.4	0.1	0.4	0.1	3.2	21
MGA130	8	12	4	31.5	41.5	5.3	15.6	2.6	0.5	1.9	0.3	1.7	0.4	1.1	0.2	1.5	0.2	10.8	115
MGA130	12	16	4	35.9	37.2	5.6	16.1	2.4	0.6	1.7	0.3	1.6	0.3	0.9	0.2	1.1	0.1	9.5	114
MGA130	16	20	4	45.2	47.5	7.2	21.9	3.3	0.8	2.2	0.3	1.6	0.3	0.8	0.1	0.9	0.1	8.3	140
MGA131	0	4	4	6.9	26.4	1.6	5.8	1.1	0.2	1.0	0.2	1.1	0.2	0.7	0.1	0.9	0.1	6.5	53
MGA131	4	8	4	4.0	11.2	0.8	2.9	0.7	0.1	0.6	0.1	0.9	0.2	0.7	0.1	1.1	0.2	6.5	30
MGA131	8	12	4	25.0	33.5	4.5	14.0	2.2	0.5	1.5	0.2	1.3	0.3	0.7	0.1	0.9	0.1	7.1	92
MGA131	12	16	4	28.0	39.8	5.1	17.3	2.7	0.6	1.8	0.3	1.7	0.3	0.9	0.2	0.9	0.1	8.0	108
MGA131	16	20	4	144.3	260.4	28.3	98.8	15.9	3.9	12.3	1.7	9.0	1.5	3.5	0.4	2.6	0.3	31.7	615
MGA131A	0	4	4	4.2	7.0	0.9	3.1	0.7	0.1	0.5	0.1	0.7	0.2	0.5	0.1	0.7	0.1	4.7	24
MGA131A	4	8	4	3.4	4.9	0.6	2.1	0.4	0.1	0.4	0.1	0.5	0.1	0.5	0.0	0.6	0.1	3.7	18
MGA131A	8	12	4	10.7	13.8	2.2	7.1	1.4	0.3	0.9	0.2	0.9	0.2	0.5	0.0	0.6	0.1	4.1	43
MGA131A	12	16	4	57.0	61.4	10.0	33.9	5.8	1.4	4.6	0.6	3.2	0.6	1.7	0.2	1.5	0.2	13.5	196
MGA131A	16	20	4	92.9	121.5	18.2	60.3	10.3	2.7	7.7	1.0	5.6	1.0	2.5	0.4	2.1	0.3	23.4	350
MGA131A	20	24	4	48.0	190.4	14.5	60.8	15.5	4.6	17.0	2.7	15.8	3.4	9.8	1.5	9.4	1.4	106.8	502
MGA131A	24	28	4	72.9	103.6	17.3	68.0	17.2	5.3	23.1	3.9	26.1	6.2	19.1	2.8	18.0	2.7	212.7	599
MGA131A	28	32	4	30.4	46.8	8.8	40.0	11.1	3.6	15.0	2.4	16.1	3.7	11.2	1.7	10.2	1.6	129.5	332
MGA132	0	4	4	5.5	22.8	1.1	3.3	0.7	0.2	0.5	0.1	0.5	0.1	0.4	0.1	0.5	0.1	3.4	39
MGA132	4	8	4	1.6	2.7	0.3	1.0	0.2	0.0	0.1	0.0	0.1	0.0	0.1	0.1	0.2	0.0	1.0	8
MGA132	8	12	4	2.5	4.2	0.5	1.6	0.3	0.1	0.2	0.0	0.3	0.1	0.3	0.1	0.4	0.1	2.3	13
MGA132	12	16	4	55.0	62.5	9.0	28.3	4.3	0.9	2.7	0.4	1.9	0.3	0.9	0.1	0.8	0.1	8.1	175
MGA132	16	20	4	51.5	83.4	8.0	25.2	3.7	0.8	2.5	0.3	1.6	0.2	0.7	0.1	0.7	0.1	7.4	186
MGA132	20	24	4	50.4	51.5	6.4	19.5	2.6	0.6	2.1	0.3	1.3	0.2	0.5	0.1	0.4	0.1	6.3	142
MGA132	24	28	4	327.2	191.6	47.1	124.2	12.3	1.9	6.0	0.7	3.3	0.4	1.1	0.1	0.8	0.1	10.2	727
MGA132	28	32	4	188.2	287.4	47.2	192.5	30.1	5.8	22.4	2.7	13.1	1.8	4.1	0.4	2.2	0.2	41.8	840
MGA132	32	36	4	23.6	24.1	4.4	14.0	2.1	0.4	1.8	0.2	1.2	0.2	0.6	0.1	0.6	0.1	6.0	79
MGA132	36	40	4	122.0	108.2	18.1	64.2	10.3	2.2	9.3	1.3	7.5	1.5	4.3	0.7	3.9	0.6	41.1	395
MGA132	40	44	4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0
MGA132	44	48	4	41.4	55.9	7.4	24.7	3.4	0.8	2.7	0.4	2.0	0.3	1.0	0.1	0.8	0.1	8.8	150
MGA132	48	52	4	37.4	64.0	6.8	23.3	3.2	0.8	3.3	0.4	2.5	0.5	1.4	0.2	1.0	0.2	12.3	157
MGA132	52	56	4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0
MGA133	0	4	4	6.8	15.4	1.5	5.9	1.0	0.3	0.9	0.1	0.9	0.2	0.6	0.1	0.6	0.1	5.6	40
MGA133	4	8	4	11.3	30.6	2.9	10.8	2.1	0.5	1.8	0.3	1.9	0.4	1.1	0.2	1.2	0.2	10.2	75
MGA133	8	12	4	20.8	34.9	4.1	14.9	2.5	0.6	2.0	0.3	1.8	0.3	1.0	0.1	1.0	0.1	9.5	94
MGA133	12	16	4	57.3	62.5	9.6	29.5	4.8	1.2	3.4	0.4	2.5	0.4	1.3	0.2	1.1	0.2	12.4	187
MGA133	16	20	4	14.4	16.7	2.2	7.0	1.2	0.3	0.8	0.1	0.6	0.1	0.3	0.1	0.3	0.1	3.4	48
MGA133	20	24	4	7.7	10.3	1.3	4.2	0.7	0.2	0.4	0.1	0.4	0.1	0.2	0.0	0.2	0.0	2.2	28

Drill Hole ID	From (m)	To (m)	Int. (m)	La ₂ O ₃ ppm	CeO ₂ ppm	Pr ₆ O ₁₁ ppm	Nd ₂ O ₃ ppm	Sm ₂ O ₃ ppm	Eu ₂ O ₃ ppm	Gd ₂ O ₃ ppm	Tb ₄ O ₇ ppm	Dy ₂ O ₃ ppm	Ho ₂ O ₃ ppm	Er ₂ O ₃ ppm	Tm ₂ O ₃ ppm	Yb ₂ O ₃ ppm	Lu ₂ O ₃ ppm	Y ₂ O ₃ ppm	TREO ppm
MGA133	24	28	4	4.8	8.1	1.0	3.3	0.7	0.1	0.4	0.1	0.4	0.1	0.2	0.0	0.3	0.0	1.9	21
MGA133	28	32	4	32.4	64.5	5.7	16.3	2.5	0.5	1.2	0.2	0.9	0.2	0.5	0.1	0.6	0.1	4.7	130
MGA133	32	36	4	134.9	245.7	24.3	70.9	9.1	2.0	4.4	0.5	2.1	0.4	1.0	0.2	0.9	0.1	12.3	509
MGA133	36	40	4	112.1	170.7	20.6	59.6	7.4	1.5	3.4	0.4	1.7	0.3	0.7	0.1	0.8	0.1	9.7	389
MGA133	40	44	4	77.2	127.1	14.1	42.8	5.5	1.2	3.0	0.3	1.7	0.3	0.9	0.1	0.9	0.1	10.0	285
MGA133	44	48	4	53.2	90.7	10.8	35.3	5.5	1.4	3.3	0.4	1.8	0.4	0.9	0.1	0.9	0.1	12.1	217
MGA133	48	52	4	44.7	73.1	9.0	28.5	4.7	1.4	2.8	0.3	1.6	0.3	0.9	0.2	0.7	0.1	10.7	179
MGA133	52	56	4	35.2	73.3	7.2	25.4	3.6	1.1	2.4	0.2	1.4	0.2	0.7	0.2	0.5	0.1	8.1	160
MGA133	56	60	4	30.1	61.2	6.9	26.7	4.6	1.4	4.1	0.6	3.6	0.7	2.1	0.2	1.7	0.2	21.5	166
MGA134	0	4	4	14.9	51.6	3.5	13.4	2.4	0.6	2.0	0.3	2.0	0.4	1.2	0.2	1.3	0.2	9.4	103
MGA134	4	8	4	18.4	30.7	3.3	11.0	1.5	0.3	1.2	0.2	1.1	0.2	0.7	0.1	0.9	0.1	6.2	76
MGA134	8	12	4	27.9	25.7	4.4	14.0	2.0	0.4	1.3	0.2	0.9	0.2	0.4	0.0	0.5	0.1	4.4	82
MGA134	12	16	4	36.5	35.1	5.7	18.4	2.5	0.5	1.8	0.2	1.5	0.2	0.7	0.1	0.8	0.1	6.9	111
MGA134	16	20	4	41.6	41.5	6.5	21.5	3.1	0.7	1.9	0.3	1.5	0.2	0.7	0.0	0.7	0.1	6.6	127
MGA134	20	24	4	190.6	96.1	29.4	81.1	8.7	1.9	4.4	0.6	2.4	0.4	1.0	0.1	0.8	0.1	8.9	426
MGA134	24	28	4	101.6	73.9	15.1	40.2	4.9	1.1	3.0	0.4	1.6	0.3	0.6	0.1	0.6	0.1	6.5	250
MGA134	28	32	4	28.6	58.0	5.8	18.4	2.8	0.6	1.7	0.2	1.1	0.2	0.5	0.1	0.5	0.1	4.4	123
MGA134	32	36	4	55.9	63.0	9.8	31.6	4.5	0.9	2.8	0.4	1.6	0.3	0.7	0.0	0.6	0.1	7.0	179
MGA134	36	40	4	524.2	2567.4	111.3	346.4	47.2	9.2	20.1	2.7	10.1	1.4	3.0	0.4	1.8	0.2	29.0	3674
MGA134	40	43	3	473.8	2530.5	137.7	527.2	82.2	16.4	50.6	6.8	30.9	5.3	13.0	1.6	10.4	1.3	141.6	4029
MGA135	0	4	4	19.4	76.9	4.9	18.1	3.0	0.6	2.1	0.3	1.6	0.3	0.8	0.0	0.8	0.1	8.0	137
MGA135	4	8	4	23.1	50.9	4.6	16.8	2.7	0.5	2.1	0.3	1.9	0.4	1.3	0.2	1.4	0.2	11.8	118
MGA135	8	12	4	43.6	52.9	7.1	22.5	3.3	0.7	2.3	0.3	1.5	0.3	0.7	0.1	0.8	0.1	8.0	144
MGA135	12	16	4	56.9	58.8	9.0	26.2	4.0	0.9	2.6	0.3	1.9	0.3	1.0	0.1	0.9	0.1	9.3	172
MGA135	16	20	4	54.8	63.4	9.0	28.6	4.3	0.9	2.7	0.4	1.9	0.3	0.8	0.1	0.8	0.1	8.5	177
MGA135	20	24	4	24.0	40.9	3.4	10.3	1.5	0.3	0.9	0.1	0.7	0.1	0.3	0.1	0.3	0.0	2.9	86
MGA135	24	28	4	37.5	71.7	4.9	13.6	1.9	0.4	1.2	0.2	0.7	0.1	0.4	0.0	0.5	0.1	3.4	137
MGA135	28	32	4	23.6	35.4	3.7	12.0	1.6	0.3	1.1	0.1	0.7	0.1	0.3	0.0	0.4	0.1	3.2	83
MGA135	32	36	4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0
MGA135	36	40	4	66.5	154.8	13.2	46.4	7.3	1.6	5.6	0.7	4.1	0.8	2.4	0.3	2.1	0.3	26.9	333
MGA135	40	44	4	81.9	132.7	13.1	42.0	5.0	1.4	3.7	0.5	2.5	0.5	1.6	0.2	1.3	0.2	20.3	307
MGA135	44	48	4	115.1	182.4	20.2	69.1	8.4	2.3	5.6	0.7	3.2	0.6	1.5	0.2	1.2	0.2	17.3	428
MGA135	48	52	4	60.5	114.4	10.8	36.2	4.8	1.2	3.3	0.4	2.1	0.4	1.0	0.2	0.8	0.1	11.6	248
MGA135	52	56	4	78.7	134.5	14.3	49.7	6.7	1.8	5.3	0.6	3.1	0.6	1.6	0.2	1.3	0.2	17.5	316
MGA135	56	60	4	85.1	170.1	18.6	68.6	10.8	2.3	7.5	1.0	5.0	1.0	2.5	0.3	2.2	0.3	28.3	404
MGA135	60	64	4	114.9	199.0	21.0	71.2	9.2	2.1	5.8	0.7	3.1	0.5	1.5	0.1	1.1	0.2	17.7	448
MGA135	64	68	4	113.4	212.5	19.9	64.9	8.1	1.9	4.2	0.5	2.0	0.3	0.8	0.1	0.7	0.1	10.3	440
MGA135	68	72	4	124.9	225.4	21.1	67.7	8.4	1.8	5.4	0.7	3.0	0.5	1.5	0.2	1.2	0.2	16.1	478
MGA135	72	76	4	74.8	135.1	13.5	44.9	6.1	1.3	3.8	0.5	2.2	0.4	1.0	0.1	0.8	0.1	11.2	296
MGA135	76	79	3	92.2	159.7	15.6	50.4	6.2	1.3	3.9	0.5	2.2	0.4	1.1	0.2	0.8	0.1	11.2	346
MGA136	0	4	4	8.1	13.3	1.6	5.9	1.1	0.2	0.9	0.2	1.2	0.2	0.7	0.1	1.0	0.1	5.0	40
MGA136	4	8	4	5.3	5.4	0.8	2.6	0.5	0.1	0.4	0.1	0.5	0.1	0.3	0.0	0.4	0.1	2.9	19
MGA136	8	12	4	8.7	16.5	1.7	5.7	0.8	0.2	0.6	0.1	0.5	0.1	0.3	0.0	0.4	0.1	3.0	39
MGA136	12	16	4	42.0	92.5	9.8	40.9	7.3	2.1	11.4	1.8	10.9	2.6	7.1	0.9	4.8	0.6	107.7	342

Drill Hole ID	From (m)	To (m)	Int. (m)	La ₂ O ₃ ppm	CeO ₂ ppm	Pr ₆ O ₁₁ ppm	Nd ₂ O ₃ ppm	Sm ₂ O ₃ ppm	Eu ₂ O ₃ ppm	Gd ₂ O ₃ ppm	Tb ₄ O ₇ ppm	Dy ₂ O ₃ ppm	Ho ₂ O ₃ ppm	Er ₂ O ₃ ppm	Tm ₂ O ₃ ppm	Yb ₂ O ₃ ppm	Lu ₂ O ₃ ppm	Y ₂ O ₃ ppm	TREO ppm
MGA136	16	20	4	45.5	138.8	14.4	56.7	10.8	2.6	12.0	1.9	11.5	2.5	6.9	0.9	6.1	0.8	73.0	384
MGA136	20	22	2	214.6	662.1	65.6	236.8	36.6	6.6	22.2	3.0	13.3	2.1	4.9	0.6	3.2	0.4	46.7	1319
MGA137	0	2	2	19.1	45.6	5.2	20.2	3.8	1.0	3.3	0.6	3.1	0.7	1.8	0.3	1.7	0.2	17.5	124
MGA148	0	4	4	24.7	47.7	5.1	17.0	2.6	0.5	1.9	0.3	1.4	0.3	0.8	0.1	0.7	0.1	8.9	112
MGA148	4	8	4	8.2	15.8	1.7	5.9	1.2	0.2	0.7	0.1	0.5	0.1	0.3	0.1	0.3	0.0	2.5	38
MGA148	8	12	4	20.6	39.7	4.3	15.0	2.6	0.5	1.6	0.2	1.2	0.2	0.7	0.2	0.7	0.1	5.6	93
MGA148	12	16	4	29.7	45.8	5.4	17.8	2.8	0.6	1.9	0.3	1.4	0.2	0.7	0.2	0.7	0.1	6.5	114
MGA148	16	20	4	33.0	60.6	7.8	28.2	5.4	1.2	3.7	0.6	3.2	0.6	1.6	0.3	1.7	0.2	12.4	160
MGA148	20	24	4	36.7	108.8	13.6	54.6	12.1	2.6	8.6	1.4	7.6	1.4	4.1	0.7	4.2	0.6	28.7	286
MGA148	24	28	4	15.5	39.6	5.4	20.5	4.6	1.1	3.4	0.6	3.2	0.6	1.8	0.4	1.9	0.3	12.6	111
MGA148	28	32	4	9.0	9.2	1.4	4.3	0.7	0.3	0.6	0.1	0.5	0.1	0.3	0.0	0.4	0.1	2.8	30
MGA148	32	36	4	83.9	93.7	10.7	28.2	3.3	0.7	2.0	0.2	1.3	0.2	0.6	0.2	0.6	0.1	6.6	232
MGA148	36	40	4	136.0	200.2	20.4	60.8	7.7	1.0	4.3	0.5	2.3	0.4	1.1	0.2	0.9	0.1	12.4	448
MGA148	40	44	4	183.0	459.4	42.6	151.6	21.7	4.5	11.9	1.4	6.5	1.1	2.7	0.4	2.2	0.3	31.2	921
MGA148	44	48	4	92.3	162.1	21.3	78.3	11.8	2.6	7.5	0.9	4.3	0.7	2.0	0.4	1.6	0.2	26.0	412
MGA148	48	52	4	71.0	133.3	14.3	49.6	7.1	1.7	4.2	0.5	2.5	0.5	1.3	0.2	1.0	0.1	16.4	304
MGA228	0	4	4	13.5	35.6	3.0	10.7	2.0	0.4	1.5	0.2	1.4	0.3	0.9	0.1	0.9	0.1	8.0	79
MGA228	4	8	4	4.7	8.2	0.9	3.1	0.7	0.1	0.4	0.1	0.4	0.1	0.3	0.0	0.4	0.1	3.0	23
MGA228	8	12	4	6.2	9.7	1.1	4.0	0.7	0.1	0.4	0.1	0.5	0.1	0.3	0.1	0.4	0.1	2.8	27
MGA228	12	16	4	21.2	25.3	3.7	11.7	2.1	0.4	1.4	0.2	1.2	0.3	0.6	0.1	0.8	0.1	5.7	75
MGA228	16	20	4	10.8	23.5	1.5	5.0	1.2	0.2	0.7	0.1	0.8	0.1	0.4	0.1	0.5	0.1	2.7	48
MGA228	20	24	4	10.4	16.7	1.5	4.5	0.9	0.1	0.5	0.1	0.4	0.1	0.2	0.0	0.3	0.0	1.9	38
MGA228	24	28	4	31.7	27.1	5.0	15.9	2.7	0.6	1.7	0.2	1.2	0.2	0.6	0.1	0.7	0.1	5.1	93
MGA228	28	32	4	33.7	112.9	9.6	36.5	7.1	1.8	5.2	0.8	4.5	1.0	2.8	0.5	3.0	0.4	21.2	241
MGA228	32	36	4	76.9	230.9	11.4	37.4	6.6	1.8	4.9	0.8	4.8	1.0	3.2	0.5	3.4	0.5	24.4	409
MGA228	36	40	4	100.0	309.6	19.0	62.8	11.0	2.7	7.0	1.2	6.7	1.4	4.0	0.7	4.3	0.6	28.1	559
MGA228	40	44	4	395.2	258.0	92.4	352.3	64.6	16.6	53.0	7.8	44.1	8.7	23.9	3.3	20.6	2.9	230.5	1574
MGA228	44	45	1	347.1	94.1	89.3	349.9	62.3	16.2	51.1	7.6	42.4	8.3	23.1	3.0	19.1	2.6	255.2	1371
MGA229	0	4	4	39.6	51.0	7.4	25.3	4.3	1.0	2.8	0.4	2.5	0.4	1.1	0.2	1.0	0.1	9.8	147
MGA229	4	8	4	11.8	25.6	2.6	9.6	2.0	0.5	1.6	0.2	1.4	0.2	0.5	0.1	0.5	0.1	4.6	61
MGA229	8	12	4	23.6	26.0	3.3	10.0	1.7	0.4	1.0	0.2	0.9	0.1	0.5	0.1	0.6	0.1	3.8	72
MGA229	12	16	4	28.1	42.1	4.5	14.3	2.7	0.5	1.7	0.2	1.2	0.2	0.6	0.1	0.7	0.1	5.3	103
MGA229	16	20	4	5.4	11.5	0.8	2.9	0.6	0.1	0.4	0.1	0.5	0.1	0.3	0.1	0.4	0.1	3.2	27
MGA229	20	22	2	17.4	40.0	2.8	9.6	1.9	0.4	1.2	0.2	1.3	0.3	0.9	0.2	1.0	0.2	9.4	87
MGA230	0	4	4	14.5	36.0	2.7	8.9	1.7	0.4	1.3	0.2	1.2	0.2	0.8	0.2	0.8	0.1	6.9	76
MGA230	4	8	4	7.7	9.7	0.9	2.7	0.6	0.2	0.4	0.1	0.5	0.1	0.4	0.1	0.4	0.1	3.4	27
MGA230	8	12	4	8.1	13.8	1.4	5.0	1.1	0.3	0.9	0.2	0.9	0.2	0.7	0.2	1.0	0.1	6.2	40
MGA230	12	16	4	15.1	40.4	4.9	17.0	3.5	0.9	2.3	0.4	2.5	0.5	1.5	0.3	1.6	0.3	12.2	103
MGA230	16	19	3	355.4	911.5	100.4	354.6	65.5	15.3	37.6	5.4	25.7	4.3	10.1	1.4	8.1	1.0	93.2	1989
MGA231	0	4	4	29.3	60.9	4.0	10.4	1.5	0.3	0.9	0.1	0.8	0.2	0.5	0.1	0.5	0.1	4.6	114
MGA231	4	8	4	31.9	78.9	6.0	20.3	3.2	0.7	2.3	0.3	1.6	0.3	0.7	0.2	0.8	0.1	7.1	154
MGA231	8	12	4	12.4	44.0	2.8	9.9	1.9	0.4	1.2	0.2	1.0	0.2	0.5	0.1	0.6	0.1	4.8	80
MGA231	12	16	4	6.9	14.9	1.7	5.9	1.3	0.2	0.8	0.1	0.9	0.2	0.6	0.1	0.6	0.1	5.8	40
MGA231	16	18	2	10.2	13.3	1.5	5.1	0.9	0.2	0.7	0.1	0.6	0.1	0.4	0.1	0.5	0.1	3.7	37

Drill Hole ID	From (m)	To (m)	Int. (m)	La ₂ O ₃ ppm	CeO ₂ ppm	Pr ₆ O ₁₁ ppm	Nd ₂ O ₃ ppm	Sm ₂ O ₃ ppm	Eu ₂ O ₃ ppm	Gd ₂ O ₃ ppm	Tb ₄ O ₇ ppm	Dy ₂ O ₃ ppm	Ho ₂ O ₃ ppm	Er ₂ O ₃ ppm	Tm ₂ O ₃ ppm	Yb ₂ O ₃ ppm	Lu ₂ O ₃ ppm	Y ₂ O ₃ ppm	TREO ppm
MGA232	0	4	4	15.5	31.0	3.8	14.1	3.3	0.7	3.0	0.6	4.0	0.8	2.7	0.4	2.8	0.4	23.6	107
MGA232	4	8	4	16.5	22.8	3.0	10.1	1.8	0.4	1.4	0.2	1.1	0.3	0.7	0.1	0.7	0.1	6.6	66
MGA232	8	10	2	14.4	19.2	2.7	9.3	1.6	0.4	1.3	0.2	1.3	0.3	0.8	0.1	0.9	0.1	8.0	61
MGA233	0	3	3	24.0	46.8	4.9	17.5	3.1	0.6	2.0	0.3	1.5	0.3	0.9	0.2	0.9	0.1	8.5	112
MGA235	0	4	4	20.6	31.3	4.0	13.3	2.6	0.6	2.0	0.3	1.9	0.3	0.9	0.2	1.0	0.1	8.4	88
MGA235	4	8	4	11.3	13.1	1.8	6.1	1.3	0.3	1.0	0.2	0.9	0.1	0.4	0.0	0.4	0.1	3.6	41
MGA235	8	12	4	12.3	17.0	2.0	6.2	1.2	0.2	0.9	0.1	0.7	0.1	0.4	0.1	0.3	0.1	3.2	45
MGA235	12	16	4	28.4	36.5	4.2	12.9	2.3	0.3	1.6	0.2	1.1	0.2	0.5	0.1	0.6	0.1	4.8	94
MGA235	16	18	2	60.6	104.0	10.0	32.2	4.9	0.8	3.3	0.5	2.0	0.3	0.9	0.1	0.9	0.1	8.9	230
MGA236	0	4	4	30.3	91.1	7.3	27.2	5.5	1.3	4.4	0.7	4.3	0.7	2.0	0.3	2.0	0.3	19.2	196
MGA236	4	8	4	13.5	20.6	2.3	7.6	1.5	0.3	1.1	0.2	1.4	0.3	0.9	0.2	1.1	0.2	8.8	60
MGA236	8	12	4	14.5	20.1	2.2	7.1	1.2	0.2	1.1	0.2	1.1	0.2	0.7	0.2	0.8	0.1	5.6	55
MGA236	12	16	4	31.9	51.8	5.6	18.4	2.9	0.6	2.2	0.3	2.0	0.3	1.1	0.2	1.2	0.2	8.5	127
MGA236	16	20	4	24.3	41.0	4.4	14.9	2.4	0.5	1.9	0.3	1.6	0.3	0.8	0.2	1.0	0.2	7.9	102
MGA236	20	24	4	37.9	65.1	6.1	20.3	3.1	0.7	2.1	0.3	1.8	0.3	0.8	0.2	0.9	0.1	7.1	147
MGA236	24	28	4	52.4	90.8	9.8	32.9	4.2	0.9	2.5	0.3	1.6	0.3	0.8	0.2	0.8	0.1	7.9	206
MGA236	28	32	4	75.6	128.4	13.6	45.7	5.9	1.4	3.6	0.4	2.1	0.3	0.9	0.2	0.8	0.1	9.9	289
MGA236	32	36	4	57.7	116.1	11.6	41.5	6.5	1.9	4.7	0.6	3.5	0.7	1.7	0.3	1.5	0.2	18.5	267
MGA236	36	40	4	96.4	236.5	20.5	73.6	11.5	3.0	7.9	1.0	5.5	1.0	2.4	0.3	2.1	0.3	24.1	486
MGA236	40	41	1	94.5	238.3	20.1	74.4	12.1	3.3	9.0	1.2	7.0	1.2	3.1	0.5	2.8	0.4	29.8	498
MGA237	0	3	3	26.2	25.6	5.9	22.9	4.0	1.1	3.5	0.5	3.4	0.7	2.0	0.3	1.9	0.3	21.6	120
MGA237	3	4	1	11.4	15.5	2.0	7.2	1.3	0.3	1.0	0.2	1.2	0.3	0.7	0.2	0.9	0.1	7.1	49
MGA237	4	8	4	26.4	40.8	5.0	17.5	3.0	0.4	1.9	0.3	1.5	0.3	0.8	0.2	0.8	0.1	8.5	107
MGA237	8	12	4	16.9	20.9	2.5	8.0	1.5	0.3	1.0	0.2	0.9	0.2	0.6	0.1	0.7	0.1	5.0	59
MGA237	12	16	4	6.9	9.0	1.2	4.1	0.8	0.2	0.6	0.1	0.4	0.1	0.3	0.1	0.3	0.0	2.5	26
MGA237	16	20	4	19.2	28.4	3.3	11.0	1.9	0.4	1.5	0.2	1.2	0.2	0.7	0.1	0.6	0.1	6.3	75
MGA237	20	24	4	42.7	21.5	6.1	19.1	3.0	0.8	2.4	0.3	1.7	0.3	0.8	0.1	0.7	0.1	8.8	108
MGA237	24	28	4	104.1	31.9	10.6	30.8	4.3	1.2	3.6	0.5	2.5	0.4	1.1	0.2	1.0	0.1	13.3	206
MGA237	28	32	4	133.7	98.1	32.7	123.6	18.1	4.3	11.7	1.5	7.0	1.1	2.6	0.3	1.6	0.2	28.6	465
MGA237	32	36	4	22.3	18.7	3.9	13.8	2.5	0.6	1.9	0.3	1.4	0.3	0.8	0.1	0.8	0.1	8.1	76
MGA237	36	40	4	22.3	16.2	3.7	12.8	2.5	0.6	2.0	0.3	1.5	0.3	0.8	0.1	0.8	0.1	8.0	72
MGA237	40	44	4	26.5	17.0	4.6	17.0	3.0	0.8	2.5	0.4	1.9	0.4	1.0	0.1	1.0	0.2	9.7	86
MGA237	44	48	4	306.1	90.5	31.3	86.3	10.7	2.9	9.1	1.2	5.9	1.1	2.6	0.3	1.8	0.3	29.8	580
MGA237	48	52	4	93.4	28.7	8.2	22.0	3.9	1.2	3.6	0.6	3.2	0.5	1.4	0.1	1.1	0.2	13.2	181
MGA237	52	56	4	53.7	50.1	6.6	19.6	3.2	0.7	2.2	0.3	1.9	0.4	1.2	0.2	1.2	0.2	10.4	152
MGA237	56	60	4	433.9	398.0	89.5	297.4	39.8	9.5	25.5	3.0	14.2	2.8	7.5	1.0	5.6	0.8	96.6	1425
MGR017	0	4	4	36.7	130.8	9.2	34.1	6.7	1.6	5.5	0.9	5.3	1.0	3.1	0.4	3.1	0.4	25.8	264
MGR017	4	8	4	57.3	105.5	12.4	44.1	7.0	1.8	4.5	0.6	2.9	0.5	1.2	0.2	0.9	0.1	13.0	252
MGR017	8	12	4	70.3	133.3	14.6	55.1	9.7	2.7	7.5	1.0	5.5	1.0	2.5	0.3	1.9	0.3	27.9	333
MGR018	0	3	3	22.0	39.7	5.0	19.4	3.5	0.9	3.0	0.4	2.6	0.5	1.5	0.2	1.2	0.2	14.3	114
MGR019	0	4	4	38.6	42.6	6.8	22.5	3.9	0.8	2.7	0.4	2.2	0.4	1.2	0.2	1.1	0.1	9.7	133
MGR019	4	8	4	103.1	150.5	17.5	53.5	6.5	1.0	3.3	0.4	1.5	0.2	0.6	0.1	0.5	0.1	6.6	345
MGR019	8	11	3	68.1	138.8	14.8	46.9	6.2	1.5	3.1	0.3	1.5	0.2	0.5	0.1	0.5	0.1	5.5	288
MGR020	0	4	4	8.4	15.2	1.7	5.9	1.1	0.3	0.8	0.1	0.8	0.2	0.5	0.0	0.5	0.1	4.3	40

Drill Hole ID	From (m)	To (m)	Int. (m)	La ₂ O ₃ ppm	CeO ₂ ppm	Pr ₆ O ₁₁ ppm	Nd ₂ O ₃ ppm	Sm ₂ O ₃ ppm	Eu ₂ O ₃ ppm	Gd ₂ O ₃ ppm	Tb ₄ O ₇ ppm	Dy ₂ O ₃ ppm	Ho ₂ O ₃ ppm	Er ₂ O ₃ ppm	Tm ₂ O ₃ ppm	Yb ₂ O ₃ ppm	Lu ₂ O ₃ ppm	Y ₂ O ₃ ppm	TREO ppm
MGR020	4	8	4	4.9	9.8	1.2	4.0	0.7	0.2	0.5	0.1	0.5	0.1	0.3	0.1	0.4	0.1	2.2	25
MGR020	8	12	4	6.2	10.1	1.0	3.1	0.6	0.3	0.3	0.1	0.4	0.1	0.3	0.1	0.4	0.1	2.4	25
MGR020	12	16	4	38.2	60.2	6.3	22.5	4.4	1.4	3.3	0.5	2.6	0.5	1.4	0.3	1.5	0.2	11.8	155
MGR020	16	20	4	61.5	92.0	10.3	38.4	7.8	2.5	7.9	1.2	7.1	1.5	4.0	0.6	3.6	0.5	41.3	280
MGR021	0	4	4	50.4	109.2	10.2	34.1	5.6	1.4	4.3	0.6	3.3	0.7	1.7	0.3	1.7	0.2	19.2	243
MGR021	4	8	4	45.3	119.0	8.6	28.0	3.6	0.7	1.9	0.2	1.1	0.2	0.4	0.1	0.4	0.1	5.2	215
MGR021	8	12	4	341.3	530.7	74.2	231.5	31.2	6.5	15.2	1.8	7.4	1.3	3.0	0.4	2.0	0.3	33.1	1280
MGR021	12	15	3	247.5	400.5	48.6	156.3	21.7	4.5	12.0	1.4	6.2	1.0	2.5	0.3	1.9	0.3	29.2	934
MGR022	0	4	4	38.5	71.4	9.1	30.7	5.0	1.1	3.8	0.6	3.2	0.6	1.7	0.3	1.4	0.3	17.0	185
MGR022	4	8	4	256.8	355.0	40.0	115.9	14.4	2.6	8.0	1.0	4.3	0.7	1.8	0.2	1.4	0.2	23.4	826
MGR023	0	4	4	115.9	249.4	24.8	79.4	12.1	1.9	7.6	1.0	4.8	0.9	2.1	0.3	1.6	0.2	23.2	525
MGR024	0	4	4	15.7	31.0	3.5	12.2	2.4	0.6	2.1	0.4	2.2	0.4	1.2	0.2	1.3	0.2	11.4	85
MGR024	4	6	2	34.0	73.0	9.0	34.1	7.4	2.1	7.2	1.2	7.2	1.5	4.0	0.6	3.6	0.6	39.9	225
MGR025	0	4	4	433.9	1689.1	85.3	269.4	36.3	7.3	19.1	2.3	9.0	1.4	2.6	0.3	1.9	0.2	29.0	2587
MGR025	4	8	4	253.3	599.5	52.7	183.1	25.9	5.3	14.9	1.7	6.8	1.0	2.0	0.3	1.2	0.2	22.0	1170
MGR025	8	12	4	534.8	902.9	90.4	255.4	30.1	3.7	14.4	1.8	6.9	1.1	2.3	0.3	1.4	0.2	27.8	1874
MGR025	12	16	4	269.7	503.6	56.2	180.8	25.3	5.2	13.8	1.6	6.8	1.1	2.6	0.4	1.7	0.2	32.0	1101
MGR026	0	4	4	14.1	30.8	2.8	9.1	1.3	0.3	0.9	0.1	0.7	0.1	0.4	0.1	0.5	0.1	4.1	65
MGR026	4	8	4	133.1	238.9	25.0	78.1	10.6	2.2	6.8	0.9	4.2	0.8	1.8	0.3	1.5	0.2	24.9	529
MGR026	8	12	4	248.6	423.8	43.6	133.6	17.9	3.6	10.6	1.3	6.2	1.1	2.7	0.4	1.9	0.3	33.3	929
MGR039	0	4	4	36.2	95.1	8.9	32.2	6.0	1.4	4.8	0.8	4.4	0.9	2.6	0.4	2.3	0.4	25.7	222
MGR039	4	5	1	82.8	137.0	13.9	45.6	5.8	0.6	3.5	0.4	2.3	0.4	1.1	0.2	1.1	0.2	12.3	307
MGR040	0	4	4	20.9	42.5	4.2	14.2	2.2	0.4	1.6	0.2	1.2	0.2	0.8	0.1	0.6	0.1	6.7	96
MGR040	4	8	4	29.6	68.1	6.4	22.2	3.4	0.5	2.6	0.3	1.7	0.3	0.8	0.2	0.8	0.1	9.1	146
MGR040	8	12	4	78.2	840.2	17.9	63.5	9.9	1.8	6.5	0.8	4.1	0.7	1.9	0.4	1.3	0.2	19.0	1046
MGR040	12	16	4	102.7	495.0	24.3	82.2	13.6	2.7	8.4	1.1	5.5	1.0	2.3	0.4	1.8	0.3	29.8	771
MGR040	16	20	4	70.8	242.6	15.9	55.8	9.3	2.0	6.0	0.8	3.6	0.7	1.6	0.3	1.5	0.2	21.3	432
MGR056	0	4	4	14.9	39.9	4.2	15.7	3.8	0.9	3.2	0.5	3.2	0.7	1.9	0.3	1.7	0.3	17.4	109
MGR056	4	5	1	70.3	187.9	22.9	86.5	17.0	3.4	11.8	1.7	8.7	1.7	4.3	0.6	3.7	0.5	41.1	462
MGR057	0	4	4	19.1	31.2	2.9	9.2	1.6	0.5	1.1	0.2	1.0	0.2	0.6	0.1	0.6	0.1	4.8	73
MGR058	0	3	3	16.3	34.4	3.5	12.5	2.5	0.5	1.8	0.3	1.7	0.3	0.9	0.2	1.0	0.2	8.5	85
MGR059	0	4	4	21.6	32.7	3.1	9.7	1.8	0.4	1.1	0.2	0.9	0.2	0.5	0.1	0.6	0.1	4.8	78
MGR059	4	5	1	113.4	198.4	17.9	52.7	6.7	1.0	3.0	0.3	1.4	0.2	0.5	0.1	0.4	0.1	5.7	402
MGR060	0	4	4	28.6	81.1	6.6	24.6	4.7	1.0	3.7	0.6	3.2	0.7	1.9	0.3	2.0	0.3	17.5	177
MGR060	4	8	4	12.4	11.5	2.5	8.0	1.2	0.3	0.9	0.1	0.8	0.1	0.6	0.1	0.6	0.1	4.1	43
MGR060	8	11	3	43.0	30.6	7.7	25.2	3.7	0.9	2.1	0.3	1.5	0.3	0.7	0.1	0.6	0.1	6.6	123
MGR061	0	4	4	13.4	23.5	2.2	7.7	1.6	0.4	1.2	0.2	1.3	0.2	0.7	0.1	0.8	0.1	6.0	59
MGR061	4	6	2	19.7	31.9	2.8	8.4	1.1	0.7	0.6	0.1	0.4	0.1	0.2	0.0	0.2	0.0	2.7	69

JORC 2012 – TABLE 1: CASCADE

Section 1 Sampling Techniques and Data

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

CRITERIA	JORC CODE EXPLANATION	COMMENTARY
Sampling techniques	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.	- Aircore and RAB drill chips collected through a cyclone and generally sampled at 1 or 4 metre intervals, cone split or spear sampled. - Where drill holes cross a lithology boundary, the sample may be composited over a shorter length to avoid sampling across two different lithologies. - Auger samples collected using LV-mounted mechanical auger from a depth of 1m, with single samples taken from the zone of greatest carbonate reactivity down-hole. Samples were not sieved and averaged approximately 300–500g.
	Include reference to measures taken to ensure sample representivity and the appropriate calibration of any measurement tools or systems used.	- For the AC drilling, standards, duplicates and blank samples were submitted on a routine basis at a rate of 1 in 20 samples to monitor the precision and accuracy of the sample analysis. No bias in the analysis was identified from the control samples. The drilling reported was conducted predominantly for gold and base metal exploration therefore these were the elements that were the focus of the control samples included and control systems in place. The multielement and particularly REEs reported here were therefore uncontrolled by the quality controls of the original drilling but remain fit for the purpose of exploration targeting and reporting. - For the auger drilling, standards and blanks were each routinely submitted every 100 samples as part of the quality control system. However, this system was predominantly designed to

CRITERIA	JORC CODE EXPLANATION	COMMENTARY
		determine the gold analysis and not multielement geochemistry. Given the recognised method, recognised and accredited laboratory and internal laboratory quality control the samples are deemed to be appropriate for the purpose of exploration targeting and reporting.
	Aspects of the determination of mineralisation that are Material to the Public Report.	The multielement method used to determine the rare earth element assay determine elemental abundance and is converted to oxides using stoichiometric ratios to provide the TREO (total rare earth oxides) values reported here.
	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.	- AC samples composites and 1m samples from which <3.5kg sample was analysed by Aqua Regia 0.5g sample split ICP-ES aliquot finish by ICP-MS (Au) or 4 Acid Digestion ICP-MS Analysis (ME). - Auger samples averaged approximately 300–500g was analysed by Aqua Regia 0.5g sample split ICP-ES aliquot finish by ICP-MS (Au) or 4 Acid Digestion ICP-MS Analysis (ME).
Drilling techniques	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).	- Air core drilling - 3 inch diameter hole to bit refusal (usually saprock to fresh rock). - Auger samples collected using LV-mounted mechanical auger from a depth of 1m.
Drill sample recovery	- Method of recording and assessing core and chip sample recoveries and results assessed. - Measures taken to maximise sample recovery and ensure representative nature of the samples. - Whether a relationship exists between sample recovery and grade and whether sample bias may have occurred due to preferential loss/gain of fine/coarse material.	- Visual estimate of AC drill chip recovery recorded in database. - Auger – N/A - AC chip recoveries monitored in the field and documented. - Auger – N/A - Unknown at this stage.
Logging	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.	- Holes logged qualitative: lithology, alteration, foliation. - All holes chipped for the entire hole to preserve a chip tray record of all holes drilled. - Auger – acid tested to identify

CRITERIA	JORC CODE EXPLANATION	COMMENTARY
		the carbonate rich horizon. No other logging information assessed.
	Whether logging is qualitative or quantitative in nature. Core (or costean, channel, etc) photography.	- Qualitative: lithology, alteration, foliation. - Quantitative: multielement geochemistry elements; no density measurements taken - Chip samples taken from every metre of every hole to maintain chip tray record. - Auger – N/A
	The total length and percentage of the relevant intersections logged.	- All drill holes logged for entire length of hole. - Auger – N/A
Sub-sampling techniques and sample preparation	If core, whether cut or sawn and whether quarter, half or all core taken.	No core drilling completed.
	If non-core, whether riffled, tube sampled, rotary split, etc and whether sampled wet or dry.	- Chips were cone split and sampled dry where possible. - AC sample were spear sampled in up to 4 m composite intervals. 1 m bottom of hole samples speared. - Auger – spoil sample, not sieved
	For all sample types, the nature, quality and appropriateness of the sample preparation technique.	The entire ~3.5kg AC bottom of hole sample is pulverized to 75µm (85% passing). This is considered to be a homogenised sample and subsequent splitting is expected to produce negligible bias and produce a representative sample.
	Quality control procedures adopted for all sub-sampling stages to maximise representivity of samples.	- AC drilling – No quality control procedures were employed for the sub-sampling stages of this drilling as the drilling was intended for generative exploration purposes and was not considered necessary. - Auger – No quality controls were employed to maximise representivity of samples at the sub-sampling stage as the auger drilling was conducted as a generative exploration exercise and was not considered necessary. - All sub-sampling stages are considered fit for the purpose of generative exploration targeting.
	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.	No duplicates of bottom of hole samples were taken. Duplicates were taken at regular intervals through the drilling process, but these do not assess the

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		representivity of the bottom of hole samples. Auger – Samples were drilled to 1 m to ensure sampling was below the depth of influence of contamination from the road surface and farming. No duplicates were taken.
	Whether sample sizes are appropriate to the grain size of the material being sampled.	Sample size is considered appropriate for grain size of sample material.
Quality of assay data and laboratory tests	The nature, quality and appropriateness of the assaying and laboratory procedures used and whether the technique is considered partial or total.	ME analysis was conducted by an accredited laboratory using industry best practice methods involving 4 Acid Digestion ICP-MS Analysis. This method is considered to be a total digest.
	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.	No geophysical data reported here.
	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.	- Drilling – Standard, duplicates and blank samples were submitted on a routine basis at a rate of 1 in 20 samples to monitor the precision and accuracy of gold analysis. No bias in the analysis was identified from the control samples with regard to gold. Multielement analysis was controlled by the laboratories internal QC procedures and no bias was identified. - No independent QC samples were used for the multielement samples. The laboratory conducted quality control on the samples and identified no bias in the multielement results. - No external laboratory checks have yet been conducted. - Auger – Standards and blanks were each routinely submitted every 100 samples as part of the quality control procedures in place. No bias was identified in gold analysis. Multielement analysis was controlled by the laboratories internal QC procedures and no bias was identified.
	The verification of significant intersections by either independent or	Non conducted but verification drilling is planned.

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Verification of sampling and assaying	<i>alternative company personnel.</i>	
	The use of twinned holes.	Not used at this stage of exploration.
	Documentation of primary data, data entry procedures, data verification, data storage (physical and electronic) protocols.	Not available, completed by Anglo Gold Ashanti between 2010 - 2012.
	Discuss any adjustment to assay data.	Multielement results (REE) are converted to stoichiometric oxide (REO) using element-to-stoichiometric conversion factors.
Location of data points	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.	Collars: surveyed with GPS accurate to +/- 3m.
	Specification of the grid system used.	MGA94 - Zone 51
	Quality and adequacy of topographic control.	Loose topographic control from geophysical data. Appropriate for this sort of early-stage exploration.
Data spacing and distribution	Data spacing for reporting of Exploration Results.	200m to >10km dictated by road verge access. - Spacing appropriate for first pass reconnaissance exploration.
	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.	- The current drill spacing is not appropriate for use in resource estimation. - Auger – N/A
	Whether sample compositing has been applied.	Spot sample assays reported.
Orientation of data in relation to geological structure	Whether the orientation of sampling achieves unbiased sampling of possible structures and the extent to which this is known, considering the deposit type.	- Drill holes oriented vertically. - Sampling believed to be unbiased.
	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.	Orientation currently unknown, however it is believed to be horizontal.
Sample security	The measures taken to ensure sample security.	Samples were delivered from the Company tenure directly to the laboratory using a freight company in sealed bulka bags.
Audits or reviews	The results of any audits or reviews of sampling techniques and data.	No external QC reviews have been conducted on the project.

Section 2 Reporting of Exploration Results

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

CRITERIA	JORC CODE EXPLANATION	COMMENTARY
Mineral tenement and land tenure status	- 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. - 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.	- The Cascade Project comprises total five Exploration Licence (EL) and EL applications, covering a land area of 2068km². - Meeka Gold Limited is the current holder, having a 100% interest in the EL and EL applications. - The EL predominantly overlies freehold agricultural land used for crop and livestock farming. - Prior to conducting ground disturbing exploration on private land, a land access agreement must be signed between the Company and the relevant landowner. - The Esperance Tjaltjraak Native Title Aboriginal Corporation RNTBC (ETNTAC) holds native title over 53 parcels of freehold and reserve land across Esperance Nyungar country and also has cultural heritage authority over this area. - Freehold land has extinguished native title. - The tenements are in good standing.
Exploration done by other parties	Acknowledgment and appraisal of exploration by other parties.	- Exploration completed by Silver Lake Resources between 2012 and 2015. - Exploration completed by Anglo Gold Ashanti between 2010 and 2012. - Historical exploration on the Cascade tenure is well documented and thorough. The historical data is of good quality.
Geology	Deposit type, geological setting and style of mineralisation.	- It is interpreted that REE enrichment has occurred in the regolith after the lateritisation and weathering of REE mineralised felsic bedrock (felsic gneiss after granite) - It is interpreted that the regolith hosted REE enrichment from through weathering of underlying felsic rocks (granite, gneiss).
Drill hole Information	A summary of all information material to the understanding of the exploration results including a tabulation of the	See body of the announcement. All drill results are reported to the ASX in line with ASIC

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	following information for all Material drill holes: ○ easting and northing of the drill hole collar ○ elevation or RL (Reduced Level – elevation above sea level in metres) of the drill hole collar ○ dip and azimuth of the hole ○ down hole length and interception depth ○ hole length. • 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.	requirements.
Data aggregation methods	• In reporting Exploration Results, weighting averaging techniques, maximum and/or minimum grade truncations (eg cutting of high grades) and cut-off grades are usually Material and should be stated. • 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. • The assumptions used for any reporting of metal equivalent values should be clearly stated.	• No top-cuts have been applied when reporting results. • Individual 1 m multielement bottom of hole assay results have been reported. • Auger - spot sample assays reported. • TREO calculations – multielement results (REE) are converted to stoichiometric oxide (REO) using element-to-stoichiometric conversion factors.
Relationship between mineralisation widths and intercept lengths	• These relationships are particularly important in the reporting of Exploration Results. • If the geometry of the mineralisation with respect to the drill hole angle is known, its nature should be reported. • If it is not known and only the down hole lengths are reported, there should be a clear statement to this effect (eg 'down hole length, true width not known').	• Auger - spot sample assays reported. No widths reported. • REE mineralisation is thought to be confined to flat lying clay horizon within the regolith and drilling is vertical.
Diagrams	• 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.	• Drilling is presented in long-section and cross section where appropriate and reported to the ASX in line with ASIC requirements.
Balanced reporting	• 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	• The historical data has been assessed and is of good quality.

CRITERIA	JORC CODE EXPLANATION	COMMENTARY
	<i>of Exploration Results.</i>	
Other substantive exploration data	<i>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; bulk density, groundwater, geotechnical and rock characteristics; potential deleterious or contaminating substances.</i>	All meaningful and material data is reported.
Further work	<i>The nature and scale of planned further work (eg tests for lateral extensions or depth extensions or large-scale step-out drilling).</i> <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>	Additional AC drilling to increase the sample density across the project tenure is planned.