



ASX Announcement | 27 August 2021 | ASX: ICG

## BONANZA GRADE SILVER AT RIQUEZA SOUTH PROJECT, PERU

Peak silver at 2,238 g/t quickly upgrades new prospect areas of Riqueza South

### Highlights

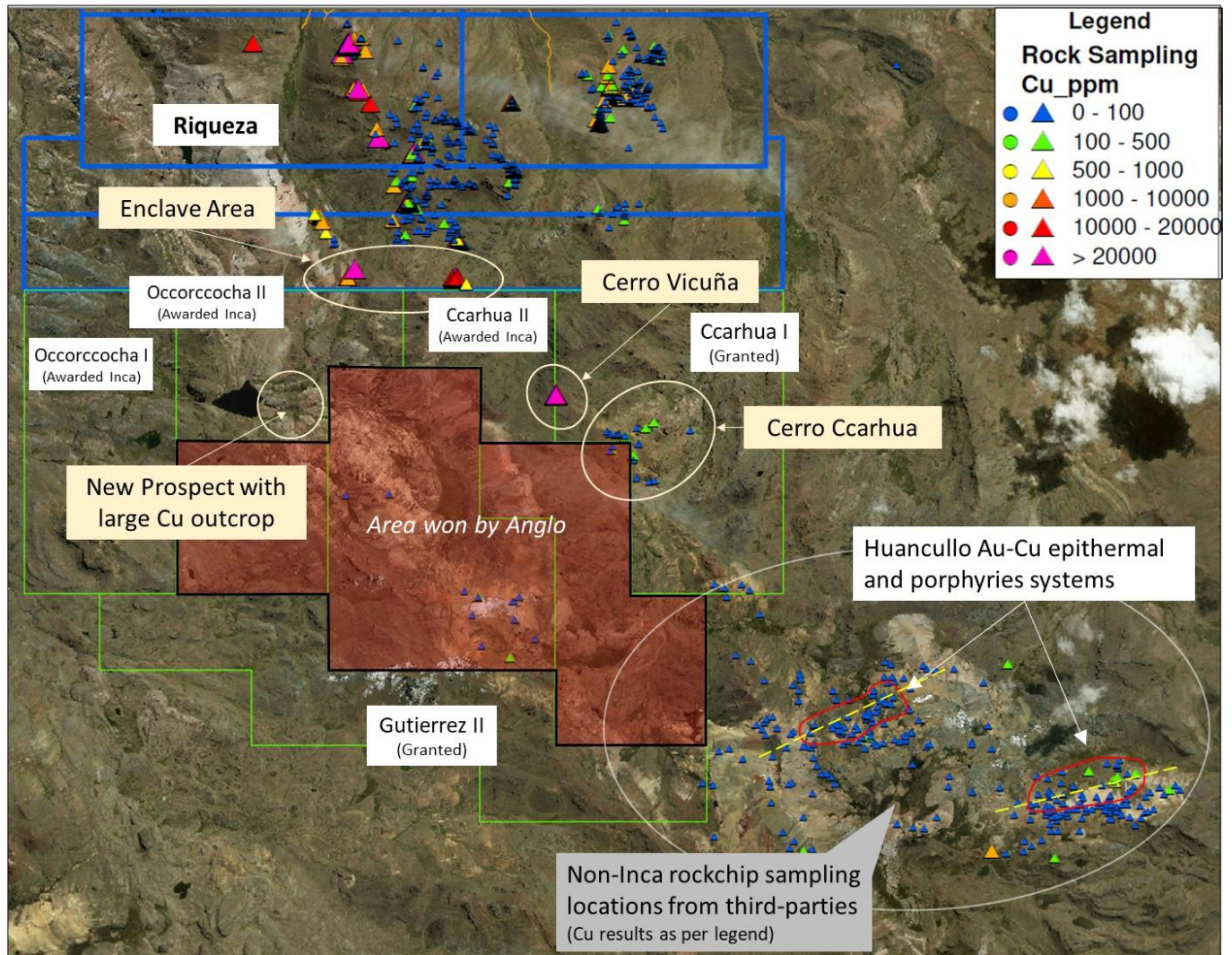
- Multiple strong silver and copper grades returned from mapping and sampling at new ground at Riqueza South
- Bonanza grade and high-grade silver assay results from sampling at Occorccocho II include:
  - **2,238g/t Ag in sample BM-01193 (sample length 0.7m) (Figure 1)**
  - **899g/t Ag in sample BM-01191 (0.8m)**
  - **539g/t Ag in sample BM-01194 (1.0m)**
  - 236g/t Ag in sample BM-01197 (1.0m)
- Trench number 4 at Occorccocho II, **grades 621.5g/t Ag over 5.0m (true width) – open ended**
- Strong copper assay results from sampling at Occorccocho II also include:
  - **2.92% Cu in sample BM-01418 (0.4m)**
  - 1.95% Cu in sample BM-01185 (0.4m) *with 197g/t Ag*
  - 1.73% Cu in sample BM-01119 (0.8m)
- Strong copper assay results from sampling at Ccarhua II include:
  - **2.98% Cu in sample BM-01377 (0.65m)**
  - **2.92% Cu in sample BM-01366 (0.45m)**
  - **2.74% Cu in sample BM-01393 (1.2m)**
  - **2.36% Cu in sample BM-01365 (0.3m)**
- Results strongly confirm mineralisation extends between Riqueza (to the north) and Cerro Vicuna/Cerro Ccarhua (to the south) thus forming a contiguous zone of mineralisation over 14 kilometres
- NE Area drill program update provided with first batch of samples submitted and fourth hole commenced

Inca Minerals Limited (ASX: **ICG**) is pleased to release very encouraging assay results from a reconnaissance mapping and sampling program conducted at the new Occorccocho I, Occorccocho II and Ccarhua II concession areas at its Riqueza South Project in Peru. The Company has recently announced (ASX announcement 16 August 2021) that it has acquired these concessions through successful concession auctions (completing against Anglo American Peru S.A.C.). This announcement provides further mapping and new assays results of this reconnaissance program.

A total of 90 samples were collected from Occorccocho II, 53 samples were collected from Occorccocho I, and 21 samples were collected from Ccarhua II. **A peak silver assay result of 2,238g/t Ag (or 65.5ozt/t Ag) is noteworthy** (Figure 1).



**Figure 1:** Photo of sample BM-01193 which contains **2,238g/t Ag (the highest Ag value to date at greater Riqueza)**. It is a brecciated and highly altered volcanic with visible copper mineralisation. As well as bonanza grade silver, the sample contains 0.15% copper and 0.66% lead.



**Figure 2:** Satellite concession plan south of Riqueza. Inca's new Riqueza South Project is defined by the multiple green outline polygons. Anglo's project is shown as a red shaded polygon. Rockchip sample location are shown (triangles) and include those **not taken by Inca** (shown within the lower most oval shape). The approximate locations of the Huancullo Au-Cu epithermal and Au-Ag-Cu porphyries are also shown (red solid lines).

### Mapping and Sampling at Occorccocho I, Occorccocho II and Ccarhua II

During the permitting phase for the current NE Area FTA drilling program at Riqueza, and prior to the auction date of the contested mining concession applications (refer below) the Company conducted low-cost orientation programs across what is now called Riqueza South. Areas covered at Riqueza South included Occorccocho I, Occorccocho II, Ccarhua I and Ccarhua II. As Ccarhua I was not contested, the Company was able to release results when they were generated.

Broad-scale mapping was conducted over the majority of these areas, with more detailed mapping and subsequent sampling conducted across zones of mineralisation, alteration, breccias and/or structures.

The volcanic rocks of the Castrovirreyna Formation and Sacsaquero Group dominate the geology of Riqueza South. The entire sequence is affected by several rhyolitic-rhyodacitic domes (intrusions) which are believed to be controlled by the northwest-southeast regional structures of the Chonta Fault System. The occurrence of intrusive domes makes this area similar to the Alternation Ridge Prospect at Riqueza, which hosts a very large and altered rhyolitic dome.

Broad alteration zones have been identified during mapping (confirming satellite interpretations) which are believed to be related to northeast-southwest trending structures. These argillic alteration zones host Fe and Mn-oxides as well as visible secondary copper mineralisation (as well as "non-visible" bonanza-grade silver mineralisation – discussed below). The occurrence of copper-silver mineralisation in northeast-southwest trending structures makes this area similar to the Cuncayoc Copper and Huasijaja prospects at Riqueza.



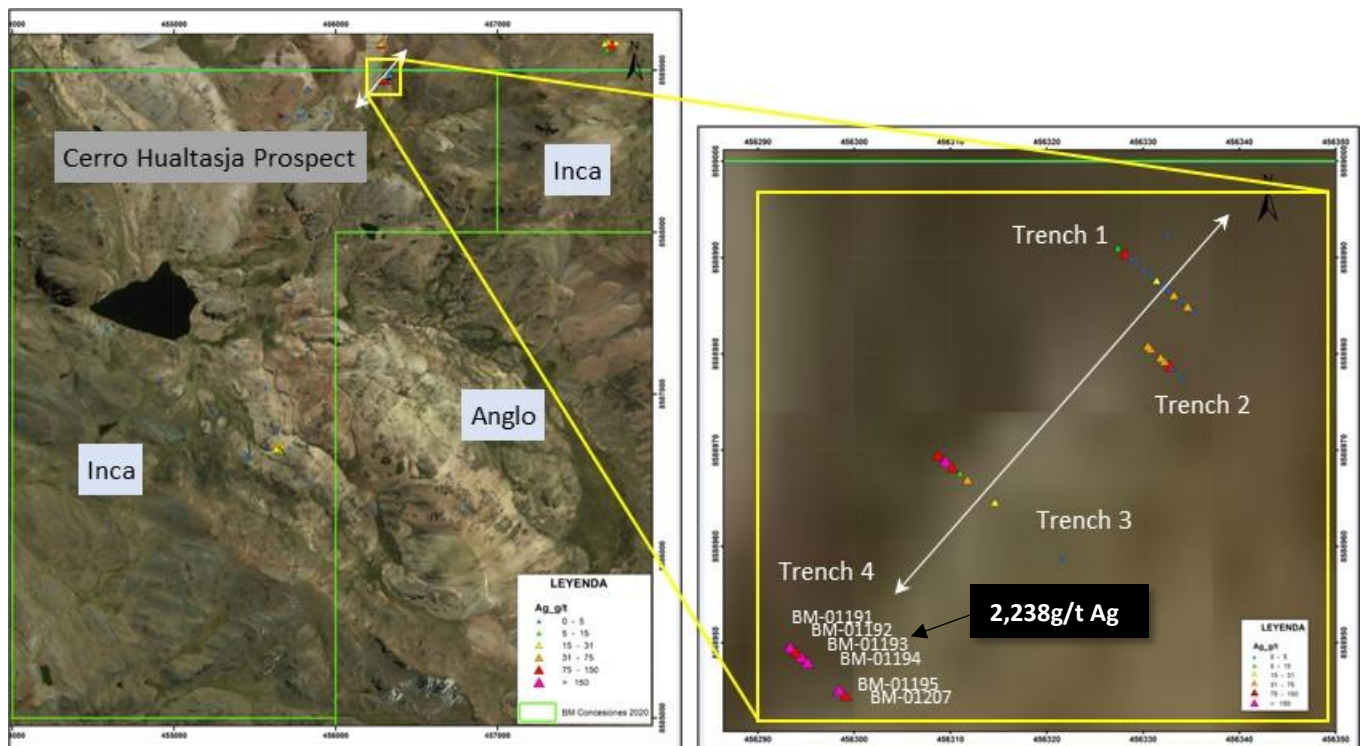
### Occorccocha I & II

The Occorccocha concession areas immediately border the Riqueza Project to the south and southwest (Figure 2). A total of 143 samples were collected as part of a reconnaissance mapping and sampling program.

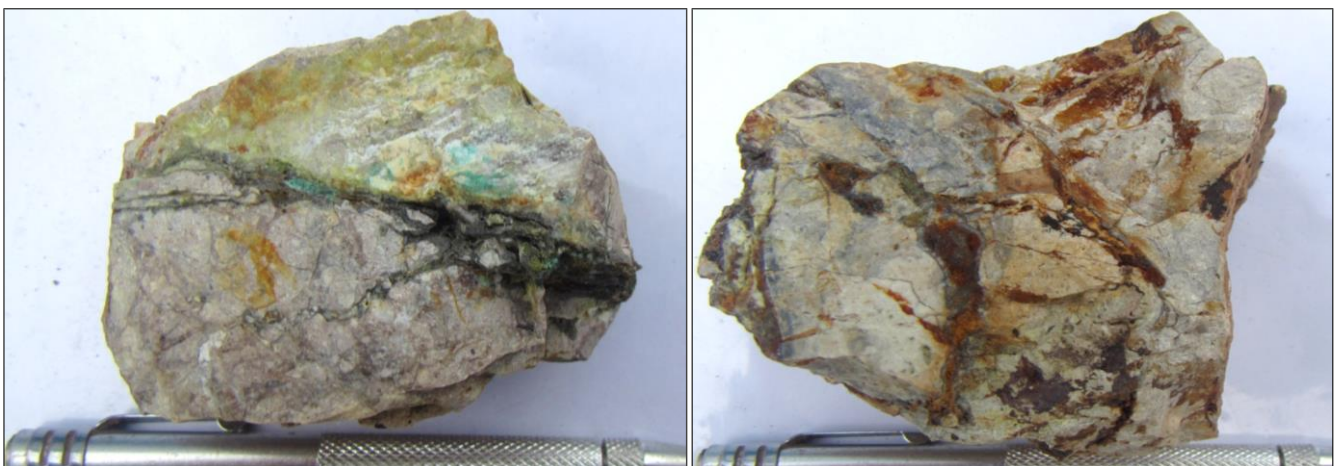
Based on geological and/or structural orientations, shallow hand-dug trenches were excavated for channel sampling purposes at Occorccocha II. Elsewhere (Occorccocha I and Ccarhua II) samples were either individual samples or channel samples.

Assay results from targeted outcrops reveal exceptionally strong grades of silver (in North American parlance “bonanza grade” meaning a silver grade  $\geq 750\text{g/t}$ - $800\text{g/t}$ ) and high grades of copper. At the newly named Cerro Hualtasja Prospect, where four trench were excavated, the southern-most trench (Trench-4), **contains an average grade of  $621.5\text{g/t}$  Ag over  $5.0\text{m}$**  (believed to be a true width) which is open ended across and along strike (Figure 3).

Individual samples of Trench 4 include: **BM-01191 with  $899\text{g/t}$  Ag ( $0.8\text{m}$ )** (Figure 4), **BM-01192 with  $134\text{g/t}$  Ag ( $0.8\text{m}$ )**, **BM-01191 with  $2,238\text{g/t}$  Ag ( $0.7\text{m}$ )**, **BM-01194 with  $539\text{g/t}$  Ag ( $1.0\text{m}$ )**, **BM-01195 with  $155\text{g/t}$  Ag ( $0.9\text{m}$ )**, and **BM-01207 with  $109\text{g/t}$  Ag ( $0.9\text{m}$ )**. Indeed, the lowest grade is still  $>3\text{ oz/t}$  silver.



**Figure 3:** Sample location plan of the new Cerro Hualtasja Prospect, showing the mineralised trend (white arrow).



**Figure 4:** Sample photo of BM-01191 (left) and BM-01194 (right). Sample BM-01191 contains  $899\text{g/t}$  Ag,  $0.19\%$  Cu,  $0.82\%$  Pb and  $49.3\text{ppm}$  Mo. Sample BM-01194 contains  $539\text{g/t}$  Ag,  $0.19\%$  Cu and  $0.82\%$  Pb.



Also located on Occorccocho II is the largest copper outcrop currently known within the greater Riqueza/Riqueza South area (Figures 5 and 6). As previously announced (ASX announcement dated 16 August 2021), this copper outcrop contains visible secondary copper mineralisation (malachite and chrysocolla).

The strong copper and silver mineralisation occurs in an argillic altered silicified breccia (Figures 5 and 6). The breccia is structure-related and has a general northeast-southwest fabric and orientation. Only one sample, BM-01185, was collected from this outcrop (in line with the Company's conservative approach to representative sampling). **BM-01185 contains 1.95% Cu and 197g/t Ag.**

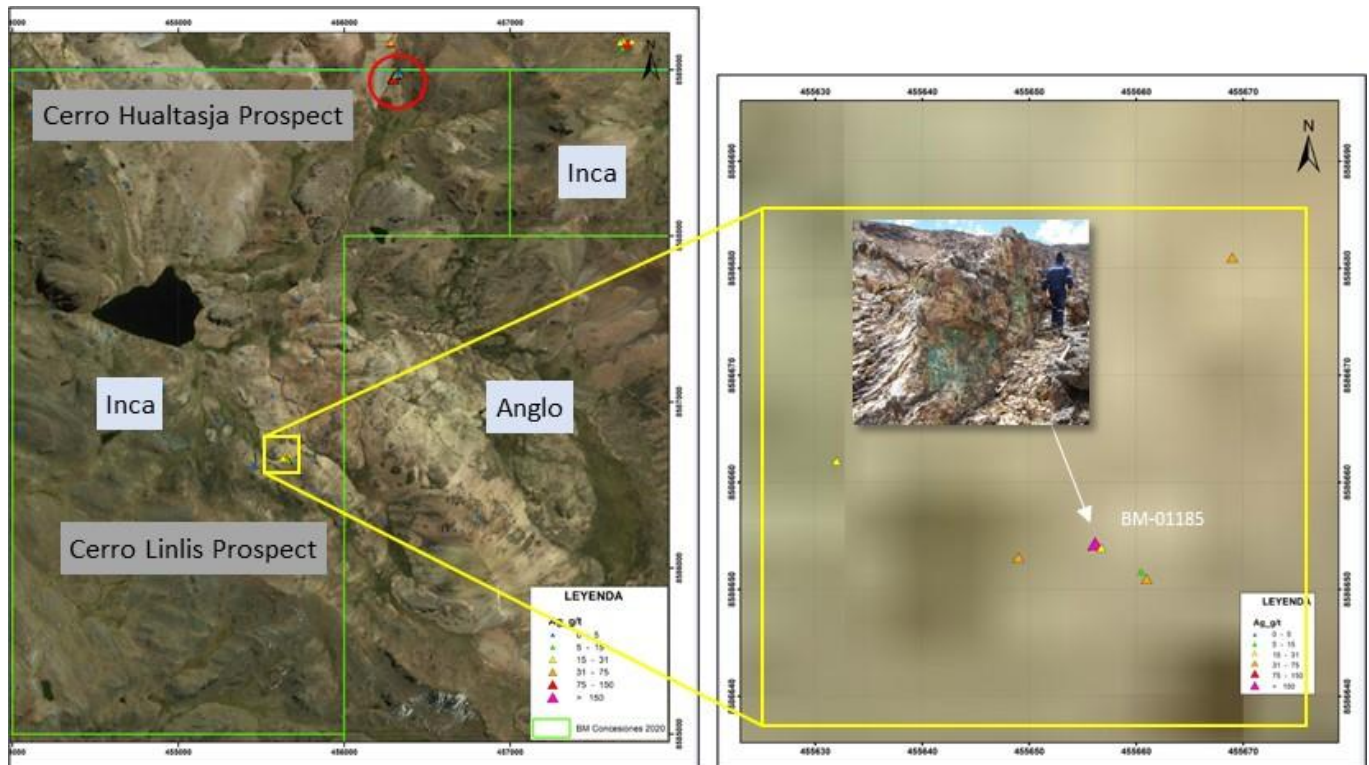


Figure 5: Sample location plan of the new Cerro Linlis Prospect.



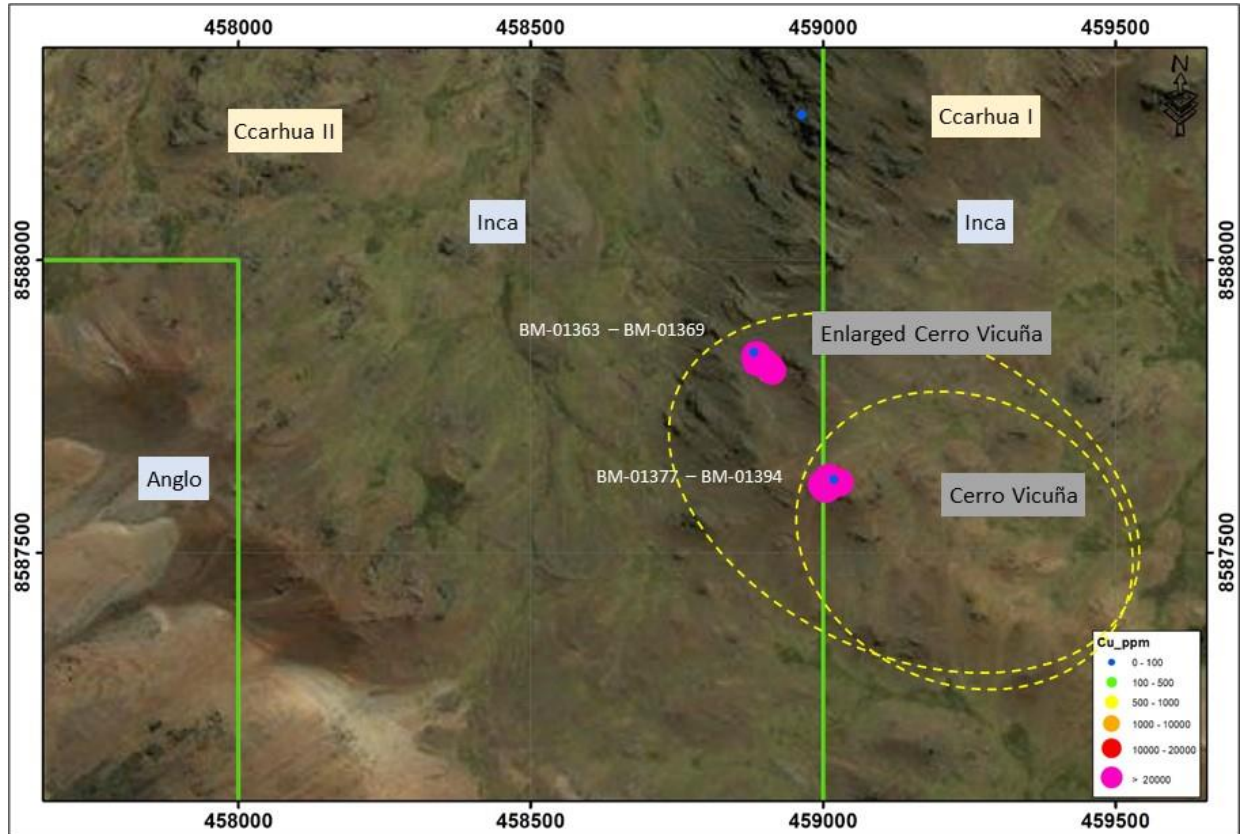
Figure 6: Outcrop photo showing extensive massive secondary copper mineralisation (malachite and chrysocolla) located on the new Occorccocho II concession. This photo first appeared in ASX announcement dated 16 August 2021. Sample photo of BM-01185 (right). BM-01185 taken from this outcrop contains 1.95% Cu and 197g/t Ag.



### Ccarhua II

The Ccarhua II concession area is immediately south of the Riqueza Project and adjoins Occorccocho II which is to the west (Figure 2) and Ccarhua I which is to the east. A total of 21 samples were collected as part of a reconnaissance mapping and sampling program.

Significant copper mineralisation has been identified at Ccarhua II, close to the border with Ccarhua I (also owned by Inca). Indeed, the strong copper of this part of Ccarhua II is considered a northwest extension of Cerro Vicuña (Figure 7).



*Figure 7: Sample location plan of the Ccarhua II sampling.*

Individual samples that contain strong copper grades include **BM-01377 with 2.98% Cu** (0.65m) (Figure 8), **BM-01366 with 2.92% Cu** (0.45m) (Figure 8), **BM-01393 with 2.74% Cu** (1.2m), and **BM-01365 with 2.36% Cu** (0.3m). The samples are typically of breccias or structures.



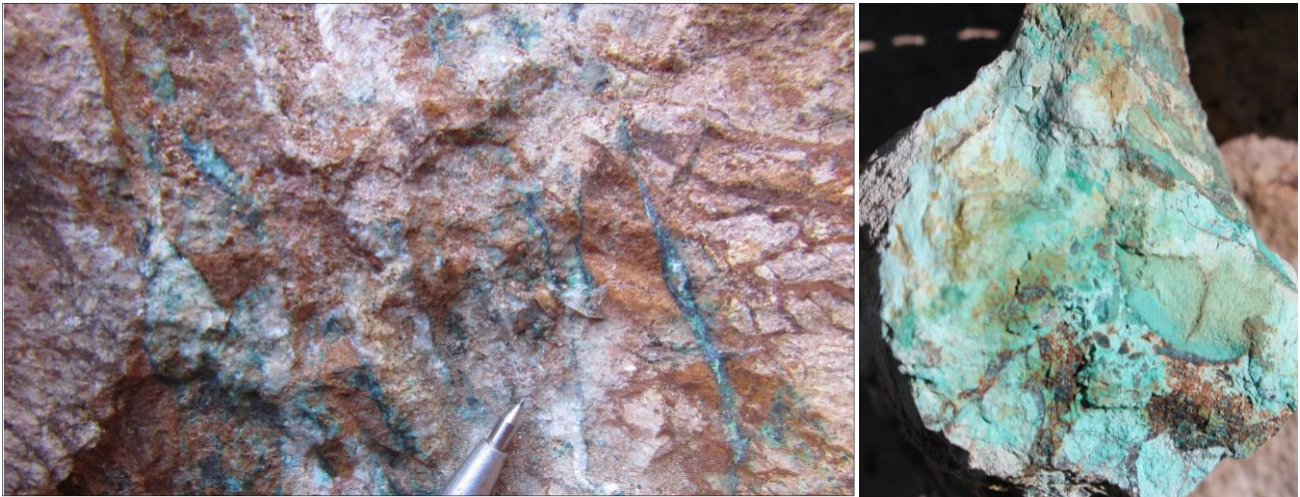
*Figure 8: Sample photo of BM-01377 (left) and BM-01366 (right). Sample BM-01377 contains 2.98% Cu and Sample BM-01366 contains 2.92% Cu. The samples are of mineralised breccias that contain secondary copper minerals.*



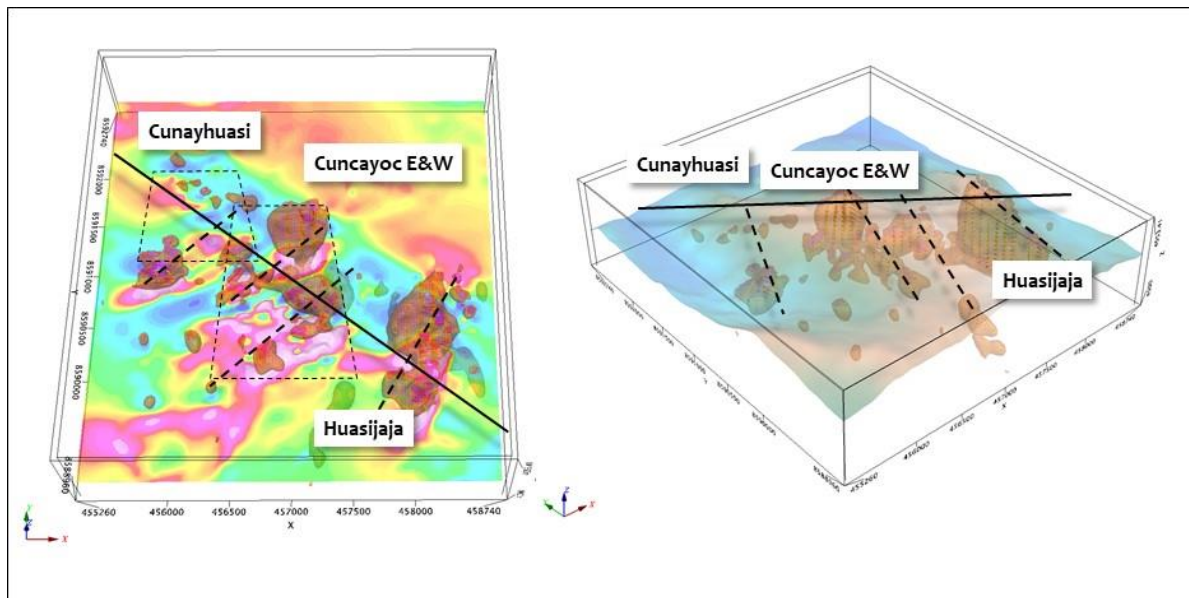
Importance of Mapping and Sampling Results of Riqueza South and Southern Riqueza

Preliminary mapping and sampling has identified significant new occurrences of copper and silver mineralisation at Riqueza South (Occorcocha II and Ccarhua I). The characteristics of the mineralisation are highly reminiscent of the copper-silver occurrences at the Alteration Ridge, Cuncayoc Copper and Huasijaja prospects located in the southern third of Riqueza. The salient shared features of mineralisation include strong copper and silver values (Figure 9), argillic alteration, strong localised silicification, brecciation, and the northeast-southwest fabric and structural orientation (Figure 10).

Whilst strong zinc and lead grades characterise mineralisation in the northern parts of the greater Riqueza area, it is interesting to note that zinc and lead values in mineralisation so far identified in Riqueza South are low. It is believed that this indicates that the hydrothermal processes are “hotter” in the south. The metal zoning that is indicated is consistent with a possible porphyry intrusive “centre(s)” in these southern parts.



**Figure 9:** Outcrop photo (left) showing calcite veinlets with visible copper mineralisation including chalcopryite, malachite and azurite and Fe-oxides. This outcrop was sampled previously by Inca (IM-001804) which returned **2.71% Cu, 919g/t Ag** and 0.15% Zn. It is associated with northeast-southwest structures. Sample photo (right) of previous sample IM-000174 with **4.06% Cu and 147g/t Ag**. This figure first appears in ASX announcement of 27 May 2020.



**Figure 10:** 3D total magnetic inversion models showing individual SW-NE alignment of AMAGRAD magnetic bodies arranged along a NW-SE regional trend at Riqueza. The figure is included in this announcement to illustrate the prevailing structural regime that is now known to extend onto Riqueza South. This figure first appears in ASX announcement of 19 August 2019.

Riqueza South is considered to be a nexus between of widespread copper-silver-gold epithermal system of the southern parts of Riqueza and the gold-copper epithermal and porphyry system known at Huancullo to the southeast. The latter deposits are not owned by Inca. With mineralisation contiguous from Riqueza to Huancullo, the greater Riqueza intrusive-related mineralised system is approximately 12km x 5km in size. Inca holds the vast majority of this system.



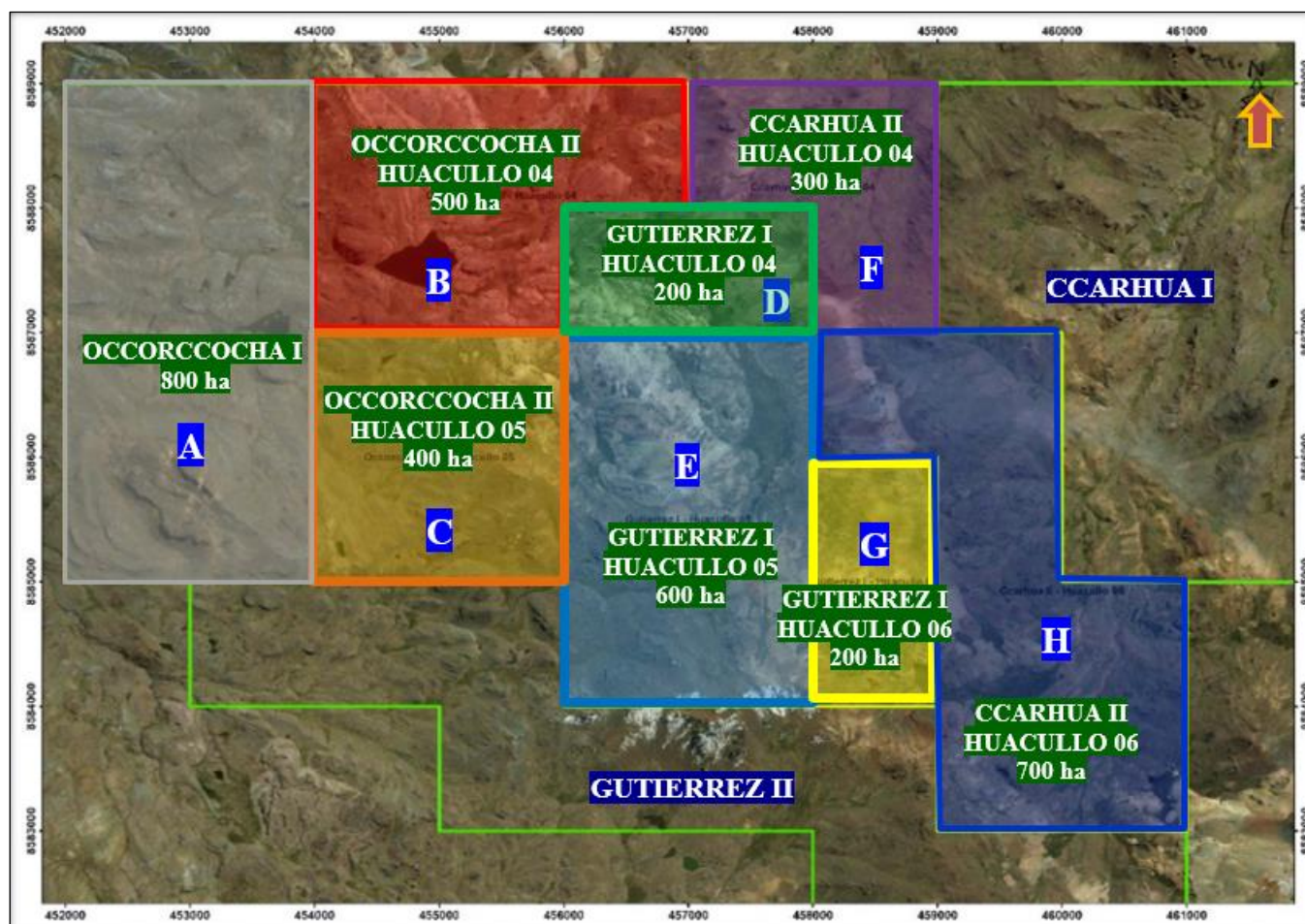
### Summary of Riqueza South Concession Acquisitions

As previously announced (ASX announcement dated 16 August 2021), Inca has won three concession auctions against Anglo. These include: Occorccocho I Mining Concession (**Occorccocho I**) [Area A], Occorccocho II/Huancullo 04 (**Occorccocho II**) [Area B], and Ccarhua II/Huancullo 04 (**Ccarhua II**) [Area F] (Figure 11 and Table 1). These concessions are now in the process of being granted.

Also previously announced (ASX announcement dated 16 August 2021), Inca's uncontested concessions, Gutierrez II and Ccarhua I, are now granted (Figure 11).

| Brillandino<br>Minerales S.A.C. | Anglo American<br>Perú S.A. | HUACULLO 03 | HUACULLO 04 | HUACULLO 05 | HUACULLO 06 | Total of<br>superimposition (ha) |
|---------------------------------|-----------------------------|-------------|-------------|-------------|-------------|----------------------------------|
| <b>OCCORCCOCHA I</b>            |                             | 800 (A)     | -           | -           | -           | 800                              |
| <b>OCCORCCOCHA II</b>           |                             | -           | 500 (B)     | 400 (C)     | -           | 900                              |
| <b>GUTIERREZ I</b>              |                             | -           | 200 (D)     | 600 (E)     | 200 (G)     | 1,000                            |
| <b>CCARHUA II</b>               |                             | -           | 300 (F)     | -           | 700 (H)     | 1000                             |

**Table 1:** The contested concessions for cross reference to Figure 11. The columns are the names of the original concession applications made by Anglo. The rows are the names of the original concession applications made by Inca. The corresponding areas are colour coded and assigned a letter code which cross references Figure 11. The numbers in each cell relate to the size (in hectares) of each concession.



**Figure 11:** The contested concessions, marked A to H, of Inca Minerals' subsidiary Brillandino Minerales S.A.C. and Anglo American Perú S.A. cover a total of 3,700ha. Inca has won CCORCCOCHA I (A), OCCORCCOCHA II (B) and CCARHUA II (F). Inca's uncontested concessions, CCARHUA I and GUTIERREZ II, are now granted. Also refer to Table 1 and to Figure 2.



### NE Area Drill Update

Whenever appropriate the Company intends updating the market on the ongoing drilling program at the NE Area, Riqueza. The program is progressing well with the fourth hole at the depth of 338.0m at the time of writing (Figure 12).

Please note that the hole identification nomenclature will be changed to consider all previous drilling at the project. This is necessary to make the Riqueza database consistent. Twenty-three holes were drilled at the Humaspunco and Uchpanga prospects when the company was focussing on narrow-high grade silver-lead-zinc mineralisation. The new NE Area drill hole names will change accordingly: RP01 = RDDH024, RP02 = RDDH025, RP03 = RDDH026, RP04 = RDDH027 and so on.

The first and second holes of the current program, drill holes RDDH024 and RDDH025 are now fully logged and sampled with 266 samples submitted (as Batch 1) for multi-element analysis. Results are anticipated in 3 to 4 weeks' time.

RDDH026 (the third hole) was drilled to a total depth of 385m. As previously released to the market, the upper sections of this hole had intersected silicified limestone with broad zones of calcite veins/stockwork and pyrite, with three occurrences of low-level chalcopyrite. In terms of vectoring – the direction towards possible porphyry mineralisation is still west to east. It is proposed that the Puymánpata Porphyry Target (tested in holes RDDH024/25/26) might possibly be an extensive western flank of the Pucamachay Porphyry Target (to the east). The simplified log of RDDH026 is not currently available. Core sampling of RDDH026 is ongoing and no samples from it have been submitted at the time of writing.

RDDH027 is currently at the depth of 338.0m as mentioned above. It is testing the Pucamachay Porphyry Target (Figure 12). No details are currently available of RDDH027 at the time of writing.

To date, a total of 1,866.2m has been drilled, representing approximately one third of the total program. Including all holes, the average daily drill rate is 20m/day but this figure includes the very slow rate of drilling of RDDH024, which experienced very difficult conditions. The program average drill rate, excluding RDDH024, is between 29m/day and 30m/day.

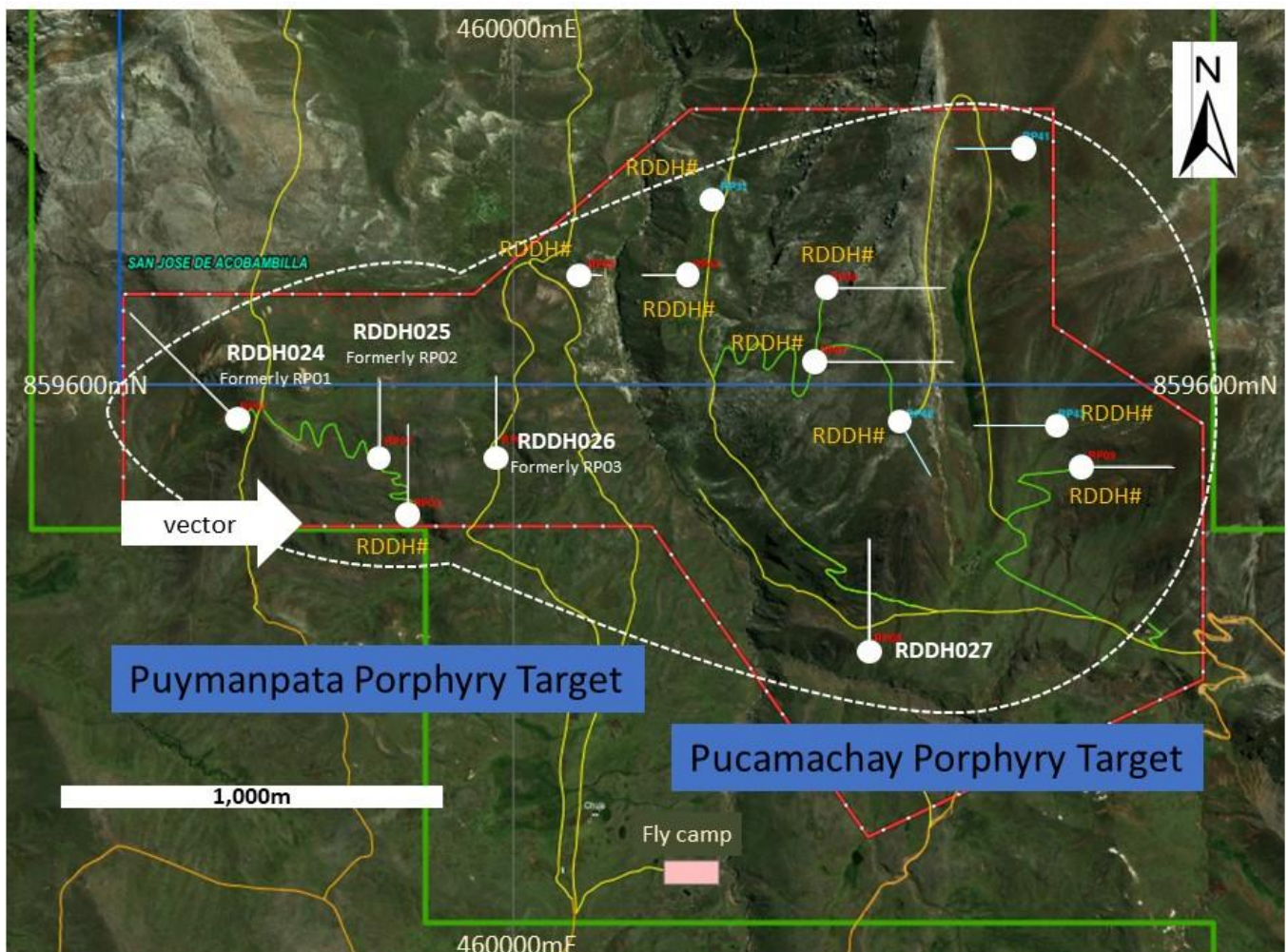


Figure 12: Drill hole location plan.



*This announcement was authorised for release by the Board of Directors.*

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Ross Brown  
Managing Director  
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***Competent Person's Statements***

The information in this report that relates to exploration activities for the Riqueza and Riqueza South Project, located in Peru, is based on information compiled by Mr Ross Brown BSc (Hons), MAusIMM, SEG, Managing Director, Inca Minerals Limited, who is a Member of the Australasian Institute of Mining and Metallurgy. He has sufficient experience, which is relevant to the exploration activities, style of mineralisation and types of deposits under consideration, and to the activity which has been 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 Brown is a fulltime employee of Inca Minerals Limited and consents to the report being issued in the form and context in which it appears.



## Appendix 1: Assay Tables for Samples from Occorccocho II (gold, copper, silver, lead, zinc, molybdenum)

The colour coding of the cells provides a visual aid to the metal association.

| Sample Number | Sample Type | Sample Location |           |                            | Sample Dimensions |                    | Au  | Ag   | Pb     | Zn   | Cu     | Mo    |
|---------------|-------------|-----------------|-----------|----------------------------|-------------------|--------------------|-----|------|--------|------|--------|-------|
|               |             | E_WGS84         | N_WGS84   | Height Above Sea Level (m) | Sample Size (m)   | Channel Length (m) | PPB | PPM  | PPM    | PPM  | PPM    | PPM   |
| BM-01049      | Panel       | 456327.2        | 8588978.6 | 4773                       | 0.70 x 0.70       |                    | 0.5 | 37   | 3230.8 | 287  | 803.8  | 19.51 |
| BM-01051      | Channel     | 456328.0        | 8588984.1 | 4773                       | 0.30              |                    | 0.5 | 158  | 7320.6 | 670  | 3331.9 | 25.77 |
| BM-01052      | Panel       | 456319.9        | 8588978.0 | 4771                       | 0.60 x 0.60       |                    | 0.5 | 170  | 4244.9 | 395  | 1327.1 | 17.32 |
| BM-01053      | Channel     | 456315.6        | 8588974.7 | 4770                       | 0.30              |                    | 0.5 | 326  | 3650.5 | 251  | 3347.5 | 28.5  |
| BM-01054      | Channel     | 456332.9        | 8588977.0 | 4770                       | 0.30              |                    | 0.5 | 47   | 1729.7 | 407  | 3704.8 | 16.43 |
| BM-01073      | Panel       | 455942.0        | 8588734.0 | 4737                       | 3.00 x 3.00       |                    | 2   | 0.16 | 31.3   | 109  | 9.5    | 0.95  |
| BM-01074      | Panel       | 455826.0        | 8588892.0 | 4738                       | 3.00 x 3.00       |                    | 2   | 0.06 | 38.6   | 82   | 9.4    | 2.61  |
| BM-01075      | Panel       | 455734.0        | 8588878.0 | 4736                       | 1.00 x 1.00       |                    | 1   | 0.04 | 29.7   | 34   | 6.5    | 1.91  |
| BM-01076      | Panel       | 455701.0        | 8588712.0 | 4684                       | 1.00 x 1.00       |                    | 1   | 0.06 | 23.9   | 33   | 7.5    | 1.81  |
| BM-01077      | Panel       | 455770.0        | 8588725.0 | 4695                       | 1.00 x 1.00       |                    | 1   | 0.06 | 25.3   | 23   | 5.3    | 2.08  |
| BM-01078      | Panel       | 455802.0        | 8588729.0 | 4710                       | 2.00 x 3.00       |                    | 1   | 0.3  | 27.6   | 146  | 8.4    | 1.52  |
| BM-01079      | Panel       | 455847.0        | 8588624.0 | 4701                       | 1.00 x 1.00       |                    | 1   | 0.24 | 22.9   | 245  | 3.3    | 1.62  |
| BM-01116      | Channel     | 454243.0        | 8587554.0 | 4522                       | 0.60 x 0.20       |                    | 1   | 0.08 | 25     | 316  | 40.7   | 1.17  |
| BM-01117      | Channel     | 454587.0        | 8587399.0 | 4574                       | 0.40 x 0.20       |                    | 2   | 0.26 | 4.7    | 238  | 48.8   | 0.89  |
| BM-01118      | Channel     | 455722.0        | 8587617.0 | 4605                       | 1.20 x 0.20       |                    | 1   | 0.33 | 29.9   | 15   | 14.9   | 1.65  |
| BM-01119      | Channel     | 455806.0        | 8587481.0 | 4555                       | 0.40 x 0.20       |                    | 1   | 0.01 | 25.4   | 50   | 3.8    | 1.67  |
| BM-01139      | Panel       | 456332.5        | 8588992.5 | 4769                       | 1.00 x 1.00       |                    | 1   | 0.35 | 58.4   | 46   | 92.4   | 1.6   |
| BM-01141      | Channel     | 456327.4        | 8588991.0 | 4769                       | 0.70              | 7.60               | 1   | 9.97 | 300.5  | 77   | 226.5  | 1.35  |
| BM-01142      | Channel     | 456328.1        | 8588990.4 | 4769                       | 1.20              |                    | 1   | 80   | 1832   | 1363 | 424.5  | 11.4  |
| BM-01143      | Channel     | 456328.7        | 8588989.9 | 4769                       | 0.40              |                    | 1   | 1.7  | 148.4  | 102  | 2311.6 | 2.63  |
| BM-01144      | Channel     | 456329.3        | 8588989.4 | 4770                       | 1.00              |                    | 1   | 0.84 | 118.8  | 65   | 1152   | 2.12  |
| BM-01145      | Channel     | 456330.1        | 8588988.7 | 4770                       | 1.10              |                    | 1   | 0.49 | 60.4   | 35   | 535.8  | 1.37  |
| BM-01146      | Channel     | 456330.9        | 8588988.1 | 4771                       | 1.00              |                    | 1   | 2.5  | 118.8  | 23   | 251.2  | 1.48  |
| BM-01147      | Channel     | 456331.4        | 8588987.6 | 4771                       | 0.40              |                    | 1   | 24   | 396.7  | 63   | 622.4  | 3.37  |
| BM-01148      | Channel     | 456332.0        | 8588987.2 | 4772                       | 1.00              |                    | 0.5 | 3.23 | 193.3  | 21   | 150    | 1.93  |
| BM-01149      | Channel     | 456332.6        | 8588986.6 | 4772                       | 0.80              |                    | 0.5 | 1.35 | 258.3  | 28   | 214.5  | 1.96  |
| BM-01151      | Channel     | 453592.5        | 8588392.9 | 4646                       | 0.50              |                    | 2   | 0.31 | 4.5    | 50   | 47.2   | 1.29  |
| BM-01152      | Channel     | 454122.6        | 8588765.4 | 4730                       | 0.20              |                    | 1   | 0.2  | 14.6   | 196  | 86.8   | 2.16  |
| BM-01153      | Channel     | 454465.0        | 8588204.0 | 4741                       | 1.00              |                    | 1   | 0.04 | 11     | 157  | 20.8   | 3.03  |
| BM-01154      | Panel       | 453605.1        | 8588115.5 | 4513                       | 1.00 x 1.00       |                    | 1   | 0.27 | 13.6   | 105  | 20.2   | 0.58  |
| BM-01155      | Channel     | 453807.0        | 8588476.4 | 4622                       | 0.70              |                    | 1   | 0.64 | 64.7   | 348  | 22.6   | 3.2   |
| BM-01156      | Panel       | 455030.6        | 8588910.0 | 4689                       | 1.00 x 1.00       |                    | 1   | 0.03 | 12.3   | 64   | 55.8   | 1.92  |
| BM-01157      | Panel       | 454485.0        | 8588392.0 | 4710                       | 1.00 x 1.00       |                    | 0.5 | 0.03 | 11     | 16   | 5.4    | 0.95  |
| BM-01158      | Panel       | 454685.0        | 8588318.0 | 4679                       | 0.80 x 0.80       |                    | 0.5 | 0.01 | 29.4   | 47   | 6      | 7.1   |
| BM-01159      | Panel       | 454373.1        | 8588972.6 | 4634                       | 1.00 x 1.00       |                    | 0.5 | 0.01 | 19.8   | 251  | 8.9    | 1.85  |
| BM-01161      | Channel     | 456334.1        | 8588977.6 | 4768                       | 0.25              | 0.80               | 1   | 1.64 | 230.3  | 399  | 1298.6 | 3.98  |
| BM-01162      | Channel     | 456333.1        | 8588978.5 | 4768                       | 0.40              |                    | 0.5 | 1.96 | 149.1  | 31   | 167.3  | 1.76  |
| BM-01163      | Channel     | 456332.8        | 8588978.8 | 4768                       | 0.40              |                    | 1   | 91   | 5518.5 | 136  | 1371.8 | 14.15 |
| BM-01164      | Channel     | 456332.2        | 8588979.3 | 4769                       | 0.54              |                    | 0.5 | 69   | 2106.2 | 690  | 1662.3 | 8.17  |
| BM-01166      | Channel     | 455822.0        | 8587299.0 | 4562                       | 0.20 x 0.30       |                    | 0.5 | 0.32 | 29.4   | 121  | 5.1    | 2.25  |
| BM-01167      | Channel     | 454918.0        | 8587093.0 | 4612                       | 0.45 x 0.20       |                    | 0.5 | 0.07 | 16     | 13   | 2.5    | 2.69  |
| BM-01171      | Channel     | 456333.2        | 8588986.1 | 4773                       | 0.70              | 3.10               | 0.5 | 36   | 515.4  | 70   | 635.6  | 4.24  |
| BM-01172      | Channel     | 456333.9        | 8588985.6 | 4773                       | 1.00              |                    | 0.5 | 1.26 | 163.8  | 25   | 146    | 1.5   |
| BM-01173      | Channel     | 456334.6        | 8588984.9 | 4774                       | 1.00              |                    | 2   | 59   | 621.2  | 619  | 1512.1 | 3.23  |
| BM-01174      | Channel     | 456335.2        | 8588984.5 | 4774                       | 0.40              |                    | 1   | 0.17 | 102.5  | 512  | 753.2  | 0.83  |



## Appendix 1: Assay Tables for Samples from Occorcococha II (gold, copper, silver, lead, zinc, molybdenum) cont...

The colour coding of the cells provides a visual aid to the metal association.

| Sample Number | Sample Type | Sample Location |           |                            | Sample Dimensions |                    | Au  | Ag   | Pb     | Zn   | Cu     | Mo    |
|---------------|-------------|-----------------|-----------|----------------------------|-------------------|--------------------|-----|------|--------|------|--------|-------|
|               |             | E_WGS84         | N_WGS84   | Height Above Sea Level (m) | Sample Size (m)   | Channel Length (m) | PPB | PPM  | PPM    | PPM  | PPM    | PPM   |
| BM-01175      | Channel     | 455568.0        | 8587037.0 | 4599                       | 0.15 x 0.25       | 3.30               | 1   | 0.4  | 23.3   | 685  | 12.9   | 5.72  |
| BM-01191      | Channel     | 456293.4        | 8588949.5 | 4755                       | 0.80              |                    | 2   | 899  | 8197.2 | 298  | 1917.6 | 49.26 |
| BM-01192      | Channel     | 456294.0        | 8588949.0 | 4755                       | 0.80              |                    | 0.5 | 134  | 656.3  | 43   | 143.6  | 2.34  |
| BM-01193      | Channel     | 456294.5        | 8588948.5 | 4755                       | 0.70              |                    | 3   | 2238 | 6617.5 | 436  | 1509.7 | 13.71 |
| BM-01194      | Channel     | 456295.2        | 8588948.0 | 4754                       | 1.00              |                    | 1   | 539  | 2217.7 | 87   | 485.7  | 3.46  |
| BM-01195      | Channel     | 456298.4        | 8588945.1 | 4754                       | 0.90              |                    | 0.5 | 155  | 5355.9 | 660  | 349.7  | 1.64  |
| BM-01196      | Channel     | 456308.7        | 8588969.5 | 4760                       | 1.00              |                    | 0.5 | 86   | 1227.7 | 70   | 528.7  | 4.34  |
| BM-01197      | Channel     | 456309.5        | 8588968.9 | 4759                       | 1.00              | 0.80               | 0.5 | 236  | 1073.3 | 60   | 536    | 4.63  |
| BM-01198      | Channel     | 456310.2        | 8588968.2 | 4759                       | 1.00              |                    | 0.5 | 131  | 1518.1 | 31   | 311.8  | 3.98  |
| BM-01199      | Channel     | 456311.0        | 8588967.6 | 4758                       | 1.00              |                    | 2   | 9.95 | 499.8  | 20   | 127.2  | 2     |
| BM-01201      | Channel     | 456331.8        | 8588979.6 | 4769                       | 0.50              |                    | 0.5 | 32   | 562.3  | 395  | 3235.1 | 3.04  |
| BM-01202      | Channel     | 456330.8        | 8588980.6 | 4769                       | 0.50              |                    | 1   | 70   | 1830.7 | 46   | 309.5  | 5.14  |
| BM-01203      | Channel     | 456330.5        | 8588980.8 | 4769                       | 0.30              |                    | 0.5 | 33   | 753.7  | 78   | 721.1  | 5.3   |
| BM-01204      | Channel     | 456311.8        | 8588966.9 | 4758                       | 1.00              |                    | 0.5 | 46   | 438.6  | 25   | 110.2  | 1.61  |
| BM-01205      | Channel     | 456321.6        | 8588958.8 | 4757                       | 0.70              | 1.40               | 0.5 | 2.92 | 104.6  | 69   | 97.1   | 2.14  |
| BM-01206      | Channel     | 456314.6        | 8588964.6 | 4757                       | 0.60              |                    | 0.5 | 29   | 2122.1 | 72   | 351.2  | 5.37  |
| BM-01207      | Channel     | 456299.1        | 8588944.5 | 4753                       | 0.90              |                    | 0.5 | 109  | 4332.9 | 134  | 308.7  | 1.68  |
| BM-01208      | Channel     | 456082.0        | 8588992.0 | 4769                       | 1.00 x 1.00       |                    | 1   | 0.48 | 45.7   | 47   | 6.7    | 5.89  |
| BM-01209      | Channel     | 456319.0        | 8588836.0 | 4703                       | 0.65              |                    | 1   | 1.97 | 153.2  | 1313 | 17.3   | 5.45  |
| BM-01211      | Panel       | 456580.0        | 8588795.0 | 4732                       | 0.60 x 0.60       |                    | 2   | 0.29 | 16.4   | 73   | 5.6    | 2.01  |
| BM-01212      | Channel     | 456956.0        | 8588728.0 | 4814                       | 0.60              |                    | 0.5 | 0.38 | 43.9   | 425  | 170    | 25.48 |
| BM-01238      | Panel       | 455964.2        | 8587320.8 | 4550                       | 1.00 x 1.00       | 1.75               | 0.5 | 0.19 | 18.6   | 9    | 4.2    | 1.52  |
| BM-01251      | Panel       | 455852.0        | 8587010.0 | 4624                       | 1.00 x 1.00       |                    | 1   | 0.14 | 22.7   | 20   | 5.7    | 3.07  |
| BM-01281      | Channel     | 455764.0        | 8587472.4 | 4575                       | 0.50              |                    | 0.5 | 0.08 | 20.6   | 58   | 2.2    | 4.78  |
| BM-01282      | Channel     | 455785.0        | 8587569.0 | 4619                       | 1.00              |                    | 2   | 0.1  | 15.6   | 11   | 2.1    | 3.71  |
| BM-01284      | Panel       | 456024.0        | 8588134.0 | 4632                       | 1.00 x 1.00       |                    | 1   | 0.12 | 14.1   | 28   | 2.4    | 2.53  |
| BM-01287      | Channel     | 455543.8        | 8587181.7 | 4573                       | 0.60              |                    | 0.5 | 0.25 | 19.5   | 17   | 5      | 8.52  |
| BM-01326      | Channel     | 456321.8        | 8588825.3 | 4711                       | 0.60 x 0.20       |                    | 1   | 16   | 602.9  | 151  | 41.4   | 26.39 |
| BM-01327      | Channel     | 456322.0        | 8588826.0 | 4711                       | 0.80 x 0.20       | 4.15               | 0.5 | 20   | 2344   | 3556 | 61.3   | 29.9  |
| BM-01328      | Channel     | 456287.1        | 8588932.1 | 4742                       | 0.40 x 0.20       |                    | 0.5 | 82   | 605    | 52   | 302.9  | 6.35  |
| BM-01329      | Channel     | 456327.0        | 8588833.0 | 4713                       | 0.25 x 0.20       |                    | 0.5 | 19   | 2753.5 | 4961 | 77.6   | 3.6   |
| BM-01331      | Channel     | 456336.0        | 8588834.0 | 4713                       | 0.25 x 0.20       |                    | 0.5 | 173  | 343.1  | 699  | 1206.6 | 3.98  |
| BM-01332      | Channel     | 456328.0        | 8588861.0 | 4720                       | 0.50 x 0.20       |                    | 0.5 | 1.41 | 422.4  | 346  | 151.5  | 2.62  |
| BM-01333      | Channel     | 456336.2        | 8588876.1 | 4724                       | 0.90 x 0.20       |                    | 0.5 | 4.32 | 256.1  | 128  | 340.6  | 2.66  |
| BM-01334      | Channel     | 456336.0        | 8588877.0 | 4724                       | 0.85 x 0.20       |                    | 0.5 | 98   | 693.7  | 313  | 977.7  | 4.57  |
| BM-01335      | Channel     | 456337.1        | 8588878.2 | 4725                       | 0.30 x 0.20       | 4.15               | 0.5 | 31   | 852.9  | 7385 | 185.1  | 1.17  |
| BM-01336      | Channel     | 456336.0        | 8588880.0 | 4725                       | 0.30 x 0.20       |                    | 0.5 | 0.92 | 34.3   | 277  | 42.4   | 3.53  |
| BM-01337      | Channel     | 456327.0        | 8588900.0 | 4732                       | 0.30 x 0.20       |                    | 0.5 | 46   | 216.7  | 2131 | 194.1  | 1.47  |
| BM-01338      | Channel     | 456329.6        | 8588844.3 | 4716                       | 0.40 x 0.20       |                    | 0.5 | 0.83 | 18.6   | 1501 | 30.5   | 0.57  |
| BM-01339      | Channel     | 456319.0        | 8588985.0 | 4759                       | 0.40 x 0.20       |                    | 0.5 | 312  | 7307.5 | 707  | 1913.1 | 31.53 |
| BM-01341      | Channel     | 456318.4        | 8588985.3 | 4759                       | 1.00 x 0.20       |                    | 2   | 217  | 3200.1 | 517  | 1278.3 | 13.21 |
| BM-01342      | Channel     | 456317.5        | 8588985.7 | 4759                       | 1.00 x 0.20       |                    | 0.5 | 181  | 2296.1 | 223  | 805.5  | 22.76 |
| BM-01343      | Channel     | 456316.6        | 8588986.1 | 4760                       | 1.00 x 0.20       | 4.15               | 1   | 91   | 2109.5 | 1129 | 552.4  | 11.98 |
| BM-01344      | Channel     | 456315.8        | 8588986.5 | 4760                       | 0.75 x 0.20       |                    | 0.5 | 118  | 1451.7 | 621  | 917.5  | 17.48 |
| BM-01345      | Channel     | 456317.1        | 8588880.7 | 4726                       | 0.30 x 0.20       |                    | 0.5 | 1.48 | 66.1   | 333  | 74.6   | 1.83  |



## Appendix 2: Assay Tables for Samples from Occorccocho I (gold, copper, silver, lead, zinc, molybdenum)

The colour coding of the cells provides a visual aid to the metal association.

| Sample Number | Sample Type | Sample Location |           |                            | Sampling dimensions |                    | Au  | Ag   | Pb    | Zn   | Cu    | Mo     |
|---------------|-------------|-----------------|-----------|----------------------------|---------------------|--------------------|-----|------|-------|------|-------|--------|
|               |             | E_WGS84         | N_WGS84   | Height Above Sea Level (m) | Sample Size (m)     | Channel Length (m) | PPB | PPM  | PPM   | PPM  | PPM   | PPM    |
| BM-01081      | Channel     | 452331.0        | 8586650.0 | 4538                       | 0.40                |                    | 5   | 0.01 | 8.2   | 65   | 73.5  | 1.05   |
| BM-01082      | Channel     | 452348.0        | 8586664.0 | 4544                       | 1.00                |                    | 4   | 0.01 | 9.9   | 40   | 56.2  | 1.24   |
| BM-01083      | Channel     | 452390.0        | 8586646.0 | 4548                       | 0.60                |                    | 2   | 0.01 | 5.4   | 50   | 85.1  | 1.36   |
| BM-01084      | Channel     | 452395.0        | 8586722.0 | 4564                       | 0.20                |                    | 3   | 0.58 | 2.2   | 24   | 368.1 | 1.75   |
| BM-01085      | Panel       | 452476.0        | 8586767.0 | 4566                       | 1.00 x 1.00         |                    | 1   | 0.02 | 8.1   | 72   | 62.1  | 1.6    |
| BM-01086      | Panel       | 452523.0        | 8586768.0 | 4552                       | 0.80 x 0.80         |                    | 2   | 0.01 | 9     | 61   | 91.6  | 1.5    |
| BM-01087      | Panel       | 452573.0        | 8586811.0 | 4573                       | 1.00 x 1.00         |                    | 2   | 0.1  | 10.1  | 61   | 99.7  | 2.31   |
| BM-01088      | Channel     | 452552.0        | 8586906.0 | 4558                       | 0.15                | 0.55               | 3   | 0.03 | 6     | 88   | 25.7  | 0.63   |
| BM-01089      | Channel     | 452552.2        | 8586905.9 | 4558                       | 0.40                |                    | 2   | 0.01 | 8.6   | 66   | 41.5  | 1.29   |
| BM-01091      | Panel       | 452479.0        | 8587283.0 | 4522                       | 1.00 x 1.00         |                    | 2   | 0.03 | 7     | 44   | 48.3  | 1.46   |
| BM-01092      | Panel       | 452417.0        | 8587385.0 | 4500                       | 0.50 x 0.50         |                    | 2   | 0.01 | 11.3  | 130  | 21.8  | 3.67   |
| BM-01093      | Channel     | 453152.0        | 8588109.0 | 4572                       | 0.50                |                    | 2   | 0.01 | 3.7   | 60   | 61.8  | 1.05   |
| BM-01094      | Panel       | 452899.0        | 8588571.0 | 4573                       | 1.00 x 1.00         |                    | 2   | 0.04 | 5.5   | 34   | 35.5  | 0.74   |
| BM-01095      | Channel     | 452812.0        | 8588543.0 | 4560                       | 1.00                |                    | 1   | 0.01 | 9     | 44   | 42.7  | 1.38   |
| BM-01096      | Channel     | 452717.0        | 8588421.0 | 4523                       | 0.50                |                    | 3   | 0.07 | 6.8   | 91   | 17.4  | 0.56   |
| BM-01097      | Panel       | 452442.4        | 8588171.4 | 4470                       | 1.00 x 1.00         |                    | 2   | 0.11 | 4.7   | 52   | 14.7  | 0.32   |
| BM-01098      | Channel     | 453294.2        | 8588148.5 | 4573                       | 0.40                |                    | 2   | 0.37 | 128.2 | 3575 | 46.4  | 693.48 |
| BM-01099      | Panel       | 453490.0        | 8588316.0 | 4624                       | 0.80 x 0.80         |                    | 2   | 0.11 | 11.7  | 35   | 33.4  | 4.27   |
| BM-01101      | Panel       | 452491.0        | 8586502.0 | 4570                       | 1.20 x 1.20         |                    | 2   | 0.19 | 5.2   | 23   | 57    | 1.6    |
| BM-01102      | Channel     | 452503.0        | 8586616.0 | 4569                       | 0.35 x 0.20         |                    | 2   | 0.13 | 2.7   | 15   | 72.1  | 1.11   |
| BM-01103      | Channel     | 452599.0        | 8586546.0 | 4590                       | 0.30 x 0.20         |                    | 2   | 0.08 | 5.9   | 72   | 58.2  | 1.55   |
| BM-01104      | Panel       | 452743.0        | 8586781.0 | 4561                       | 1.20 x 1.00         |                    | 1   | 0.06 | 3.1   | 19   | 55.6  | 1.47   |
| BM-01105      | Channel     | 452937.0        | 8586560.0 | 4578                       | 0.20 x 0.30         |                    | 2   | 0.05 | 2.3   | 8    | 25.9  | 3.97   |
| BM-01106      | Channel     | 453645.0        | 8586390.0 | 4641                       | 0.20 x 0.25         |                    | 1   | 0.08 | 2.5   | 26   | 22.8  | 1.5    |
| BM-01108      | Channel     | 453217.0        | 8587015.0 | 4559                       | 0.30 x 0.20         |                    | 1   | 0.06 | 2.3   | 10   | 26.7  | 3.98   |
| BM-01109      | Channel     | 452851.0        | 8586917.0 | 4598                       | 0.50 x 0.20         |                    | 1   | 2.14 | 33.2  | 54   | 475.4 | 14.97  |
| BM-01111      | Channel     | 452995.0        | 8585397.0 | 4781                       | 0.40 x 0.20         |                    | 2   | 0.19 | 20.7  | 46   | 32.6  | 2.47   |
| BM-01112      | Channel     | 453019.0        | 8585472.0 | 4784                       | 0.65 x 0.20         |                    | 2   | 0.15 | 7.4   | 28   | 94.4  | 1.42   |
| BM-01113      | Panel       | 452956.0        | 8585599.0 | 4770                       | 1.00 x 1.00         |                    | 2   | 0.06 | 11.5  | 33   | 45    | 1.05   |
| BM-01114      | Panel       | 453058.0        | 8585600.0 | 4740                       | 1.00 x 1.00         |                    | 2   | 0.01 | 22.4  | 19   | 34.5  | 3.4    |
| BM-01115      | Channel     | 452324.0        | 8585964.0 | 4658                       | 0.60 x 0.20         |                    | 2   | 0.06 | 13.1  | 63   | 35.4  | 1.91   |
| BM-01121      | Panel       | 452683.0        | 8586366.8 | 4602                       | 1.00 x 1.00         |                    | 2   | 0.35 | 6     | 28   | 71.9  | 5.54   |
| BM-01122      | Panel       | 452685.1        | 8586366.5 | 4610                       | 2.00 x 2.00         |                    | 2   | 0.21 | 8.4   | 53   | 160.5 | 1.36   |
| BM-01123      | Channel     | 453635.0        | 8585983.0 | 4705                       | 0.80                |                    | 2   | 0.05 | 9.6   | 42   | 52.9  | 1.43   |
| BM-01124      | Channel     | 453647.0        | 8585944.0 | 4694                       | 0.80                |                    | 1   | 0.04 | 10.6  | 44   | 68.3  | 1.28   |
| BM-01125      | Panel       | 453652.1        | 8585751.0 | 4721                       | 1.00 x 1.00         |                    | 2   | 0.31 | 5.6   | 25   | 54.4  | 0.67   |
| BM-01126      | Panel       | 453651.6        | 8585755.6 | 4723                       | 2.00 x 2.00         |                    | 1   | 0.15 | 6.2   | 38   | 42.2  | 0.68   |
| BM-01127      | Channel     | 453317.0        | 8585493.0 | 4739                       | 0.40                |                    | 1   | 0.22 | 15.5  | 79   | 37.6  | 0.88   |
| BM-01128      | Panel       | 453183.0        | 8585552.0 | 4735                       | 3.00 x 2.00         |                    | 2   | 0.08 | 6     | 461  | 60.3  | 0.97   |
| BM-01129      | Panel       | 452749.3        | 8585562.9 | 4728                       | 1.00 x 1.00         |                    | 2   | 0.02 | 12.6  | 27   | 28.8  | 1.62   |
| BM-01131      | Panel       | 452844.0        | 8585489.0 | 4758                       | 1.00 x 1.00         |                    | 1   | 0.01 | 14.3  | 20   | 21.5  | 2.81   |
| BM-01132      | Panel       | 452849.0        | 8585463.0 | 4761                       | 2.00 x 2.00         |                    | 1   | 0.01 | 7.4   | 16   | 40.3  | 1.23   |
| BM-01133      | Panel       | 453086.0        | 8585799.0 | 4779                       | 1.00 x 1.00         |                    | 2   | 0.07 | 19.7  | 90   | 90.8  | 8.61   |
| BM-01134      | Panel       | 453068.7        | 8585791.7 | 4788                       | 0.40                | 0.90               | 2   | 0.06 | 12.6  | 31   | 52.5  | 1.26   |
| BM-01135      | Panel       | 453071.1        | 8585793.2 | 4783                       | 0.50                |                    | 2   | 0.03 | 16.3  | 23   | 37.4  | 2.99   |
| BM-01136      | Panel       | 452928.0        | 8586007.0 | 4777                       | 1.00 x 1.00         |                    | 1   | 0.06 | 12.6  | 23   | 33.6  | 1.41   |
| BM-01137      | Panel       | 452860.0        | 8586001.0 | 4765                       | 1.00 x 1.00         |                    | 1   | 0.03 | 10.3  | 20   | 58.3  | 1.34   |
| BM-01138      | Channel     | 452481.5        | 8585800.6 | 4775                       | 0.80                |                    | 1   | 0.02 | 16.4  | 42   | 38.4  | 1.25   |
| BM-01151      | Channel     | 453592.5        | 8588392.9 | 4646                       | 0.50                |                    | 2   | 0.31 | 4.5   | 50   | 47.2  | 1.29   |
| BM-01154      | Panel       | 453605.1        | 8588115.5 | 4513                       | 1.00 x 1.00         |                    | 1   | 0.27 | 13.6  | 105  | 20.2  | 0.58   |
| BM-01155      | Channel     | 453807.0        | 8588476.4 | 4622                       | 0.70                |                    | 1   | 0.64 | 64.7  | 348  | 22.6  | 3.2    |
| BM-01458      | Channel     | 459727.4        | 8586952.1 | 4722                       | 1.00 x 0.20         |                    | 0.5 | 0.16 | 9.9   | 50   | 56.2  | 5.22   |
| BM-01459      | Panel       | 459747.0        | 8586941.0 | 4725                       | 2.00 x 2.00         |                    | 0.5 | 0.22 | 14.2  | 190  | 118.2 | 3.03   |



### Appendix 3: Assay Tables for Samples from Ccarhua II (gold, copper, silver, lead, zinc, molybdenum)

The colour coding of the cells provides a visual aid to the metal association.

| Sample Number | Sample Type | Sample Location |           |                            | Sampling Dimensions |                    | Au  | Ag   | Pb   | Zn  | Cu     | Mo   |
|---------------|-------------|-----------------|-----------|----------------------------|---------------------|--------------------|-----|------|------|-----|--------|------|
|               |             | E_WGS84         | N_WGS84   | Height Above Sea Level (m) | Sample Size (m)     | Channel Length (m) | PPB | PPM  | PPM  | PPM | PPM    | PPM  |
| BM-01213      | Pannel      | 457431.0        | 8588217.0 | 4834                       | 0.80 x 0.80         |                    | 2   | 0.15 | 10.1 | 63  | 5.4    | 1.83 |
| BM-01214      | Pannel      | 457464.0        | 8588383.0 | 4841                       | 0.80 x 0.80         |                    | 1   | 0.13 | 40.5 | 322 | 7.4    | 5.98 |
| BM-01215      | Channel     | 457577.0        | 8588756.0 | 4806                       | 0.30                |                    | 0.5 | 0.21 | 20.4 | 132 | 32.1   | 3    |
| BM-01223      | Channel     | 457225.7        | 8588858.9 | 4926                       | 1.00                |                    | 0.5 | 0.17 | 31.5 | 106 | 6.6    | 1.76 |
| BM-01363      | Channel     | 458881.2        | 8587841.7 | 4815                       | 0.60 x 0.20         |                    | 0.5 | 0.73 | 55.8 | 27  | 94     | 1.27 |
| BM-01364      | Channel     | 458888.5        | 8587836.4 | 4817                       | 0.40 x 0.20         | 0.55               | 0.5 | 7.19 | 22.1 | 52  | 20620  | 1.74 |
| BM-01365      | Channel     | 458885.5        | 8587836.4 | 4817                       | 0.15 x 0.30         |                    | 0.5 | 18   | 31.1 | 32  | 23610  | 1.79 |
| BM-01366      | Channel     | 458887.0        | 8587826.0 | 4817                       | 0.45 x 0.20         |                    | 0.5 | 21   | 26   | 26  | 29160  | 2    |
| BM-01367      | Channel     | 458890.0        | 8587825.0 | 4817                       | 0.20 x 0.50         |                    | 0.5 | 9.99 | 26.9 | 27  | 11950  | 1.13 |
| BM-01368      | Pannel      | 458965.0        | 8588248.0 | 4779                       | 1.00 x 1.00         |                    | 1   | 0.33 | 2.5  | 13  | 56.7   | 0.51 |
| BM-01369      | Channel     | 458902.0        | 8587823.0 | 4822                       | 0.50 x 0.20         |                    | 0.5 | 12   | 46.5 | 68  | 20600  | 1.4  |
| BM-01377      | Channel     | 458999.0        | 8587615.1 | 4833                       | 0.65 x 0.20         |                    | 1   | 4.16 | 25.7 | 695 | 29760  | 1.22 |
| BM-01378      | Channel     | 458999.5        | 8587614.6 | 4833                       | 0.85 x 0.20         |                    | 1   | 3.26 | 34.5 | 432 | 9165.1 | 1.12 |
| BM-01379      | Channel     | 459000.0        | 8587614.0 | 4833                       | 0.7 x 0.20          | 2.10               | 1   | 6.33 | 35.7 | 345 | 13850  | 1.34 |
| BM-01388      | Channel     | 458906.5        | 8587821.3 | 4823                       | 0.45 x 0.20         |                    | 0.5 | 2.02 | 50.6 | 47  | 1070.3 | 0.87 |
| BM-01389      | Channel     | 458910.2        | 8587815.2 | 4824                       | 1.00 x 0.20         |                    | 0.5 | 18   | 21.5 | 40  | 21910  | 2.11 |
| BM-01391      | Channel     | 458909.4        | 8587814.6 | 4824                       | 1.10 x 0.20         | 2.00               | 2   | 3.54 | 29.8 | 36  | 1790.9 | 1.97 |
| BM-01392      | Channel     | 458914.3        | 8587810.9 | 4825                       | 0.80 x 0.20         |                    | 0.5 | 1.02 | 15   | 44  | 3194.7 | 1.66 |
| BM-01393      | Channel     | 458913.7        | 8587810.1 | 4825                       | 1.20 x 0.20         |                    | 0.5 | 6.86 | 18.9 | 43  | 27380  | 1.79 |
| BM-01394      | Channel     | 458908.0        | 8587807.0 | 4824                       | 0.35 x 0.20         |                    | 2   | 2.19 | 19.5 | 53  | 5416   | 1.46 |



## Appendix 4: JORC 2012 Compliancy Table

The following information is provided to comply with the JORC Code (2012) exploration reporting requirements.

### SECTION 1 SAMPLING TECHNIQUES AND DATA

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#### Criteria: Sampling techniques

##### JORC CODE Explanation

*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 hand-held XRF instruments, etc.). These examples should not be taken as limiting the broad meaning of sampling.*

##### Company Commentary

This announcement refers to reconnaissance mapping and sampling field work conducted at the Riqueza South Project. 164 rock chip samples were taken. Rock samples were collected that were considered representative of the source material and were recorded as panel or channel samples.

##### JORC CODE Explanation

*Include reference to measures taken to ensure sample representivity and the appropriate calibration of any measurement tools or systems used.*

##### Company Commentary

This announcement refers to reconnaissance mapping and sampling field work conducted at the Jean Elson Project. 164 rock chip samples were taken. Rock samples were collected that were considered representative of the source material and were recorded as panel or channel samples. As a reconnaissance program, sample sites were selected on the basis of visible mineralisation, alteration or other geological/structural/mineralogical interest. Samples are considered representative of the targeted feature.

##### JORC CODE Explanation

*Aspects of the determination of mineralisation that are Material to the Public Report. In cases where 'industry standard' work has been done this would be relatively simple (e.g. 'reverse circulation drilling was used to obtain 1m samples from which 3 kg was pulverised to produce a 30g charge for fire assay'). In other cases, more explanation may be required, such as where there is a coarse gold that has inherent sampling problems. Unusual commodities or mineralisation types (e.g. submarine nodules) may warrant disclosure of detailed information.*

##### Company Commentary

Mineralisation is evidenced in the field by visible copper minerals and intensity of alteration and veining/brecciation. The samples taken from mineralised outcrop are considered representative of such mineralisation and alteration outcropping at the various locations mapped and sampled. Approximately 2kg of sample was taken from each sample location. Samples were either in the form of panels (composites from a roughly square area) or channel (composites from a linear area) orientated perpendicular to the orientation to the sampled feature.

#### Criteria: Drilling techniques

##### JORC CODE Explanation

*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.).*

##### Company Commentary

No drilling results are referred to in this announcement.

#### Criteria: Drill sample recovery

##### JORC CODE Explanation

*Method of recording and assessing core and chip sample recoveries and results assessed.*

##### Company Commentary

No drilling results are referred to in this announcement.

##### JORC CODE Explanation

*Measures taken to maximise sample recovery and ensure representative nature of the samples.*

##### Company Commentary

No drilling results are referred to in this announcement.

##### JORC CODE Explanation

*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.*



**Company Commentary**

No drilling results are referred to in this announcement.

**Criteria: Logging**

**JORC CODE Explanation**

*Whether core and chip samples have been geologically and geo-technically logged to a level of detail to support appropriate Mineral Resource estimation, mining studies and metallurgical studies.*

**Company Commentary**

No drilling results are referred to in this announcement.

**JORC CODE Explanation**

*Whether logging is qualitative or quantitative in nature. Core (or costean, channel, etc.) photography*

**Company Commentary**

No drilling results are referred to in this announcement.

**JORC CODE Explanation**

*The total length and percentage of the relevant intersections logged.*

**Company Commentary**

No drilling results are referred to in this announcement.

**Criteria: Sub-sampling techniques and sample preparation**

**JORC CODE Explanation**

*If core, whether cut or sawn and whether quarter, half or all core taken.*

**Company Commentary**

No drilling results are referred to in this announcement.

**JORC CODE Explanation**

*If non-core, whether riffled, tube sampled, rotary split, etc. and whether sampled wet or dry.*

**Company Commentary**

No drilling results are referred to in this announcement.

**JORC CODE Explanation**

*For all drill sample types, the nature, quality and appropriateness of the sample preparation technique.*

**Company Commentary**

No drilling results are referred to in this announcement.

**JORC CODE Explanation**

*Quality control procedures adopted for all sub-sampling stages to maximise "representivity" of samples.*

**Company Commentary**

No drilling results are referred to in this announcement.

**JORC CODE Explanation**

*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.*

**Company Commentary**

Mineralisation is evidenced in the field by visible copper minerals and intensity of alteration and veining/brecciation. The samples taken from mineralised outcrop are considered representative of such mineralisation and alteration outcropping at the various locations mapped and sampled. Approximately 2kg of sample was taken from each sample location. Samples were either in the form of panels (composites from a roughly square area) or channel (composites from a linear area) orientated perpendicular to the orientation to the sampled feature. To this extent, the sampling technique appears representative of sampled feature.

**JORC CODE Explanation**

*Whether sample sizes are appropriate to the grain size of the material being sampled.*



#### **Company Commentary**

The average rockchip sample size of approximately 2kg is considered appropriate.

#### **Criteria: Quality of assay data and laboratory tests**

##### **JORC CODE Explanation**

*The nature, quality and appropriateness of the assaying and laboratory procedures used and whether the technique is considered partial or total.*

#### **Company Commentary**

This announcement includes assay results undertaken by SGS in Lima, Peru and are considered of leading industry standard. Samples were crushed, pulverised with analyses completed by 4 acid digest of 25g sample with ICP-MS and ICP-AES for multielement and 30g fire assay for gold. Historic sample assay results also referred to in this announcement were generated by a previous exploration company.

##### **JORC CODE Explanation**

*For geophysical tools, spectrometers, hand-held XRF instruments, etc., the parameters used in determining the analysis including instrument make and model, reading times, calibrations factors applied and their derivation, etc.*

#### **Company Commentary**

This announcement includes assay results undertaken by SGS in Lima, Peru and are considered of leading industry standard. Samples were crushed, pulverised with analyses completed by 4 acid digest of 25g sample with ICP-MS and ICP-AES for multielement and 30g fire assay for gold. The laboratory procedures to generate the results is unknown by the Company however strong correlation between Company results and historical results indicates reliable data quality.

##### **JORC CODE Explanation**

*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.*

#### **Company Commentary**

SGS introduce blanks and duplicates as part of its regular QAQC procedures. Due to the relatively small number of samples, the Company did not add additional QAQC procedures.

#### **Criteria: Verification of sampling and assaying**

##### **JORC CODE Explanation**

*The verification of significant intersections by either independent or alternative company personnel.*

#### **Company Commentary**

No drilling results are referred to in this announcement.

##### **JORC CODE Explanation**

*The use of twinned holes.*

#### **Company Commentary**

No drilling results are referred to in this announcement.

##### **JORC CODE Explanation**

*Documentation of primary data, data entry procedures, date verification, data storage (physical and electronic) protocols.*

#### **Company Commentary**

This announcement refers to reconnaissance mapping and sampling field work conducted at the Riqueza South Project. 164 rock chip samples were taken. Rock samples were collected that were considered representative of the source material and were recorded as panel or channel. Storage of primary data, data entry procedures, date verification, data storage (physical and electronic) follow best-practise protocols.

##### **JORC CODE Explanation**

*Discuss any adjustment to assay data.*

#### **Company Commentary**

No adjustments have been applied to assay results generated by the Company as reported in this announcement.

#### **Criteria: Location of data points**

##### **JORC CODE Explanation**

*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.*



**Company Commentary**

This announcement refers to reconnaissance mapping and sampling field work conducted at the Jean Elson Project. 164 rock chip samples were taken. Rock samples were collected that were considered representative of the source material and were recorded as panel or channel samples. Locations were determined by handheld GPS. Trenches, channels and panels were all measured by measuring tape from the recorded GPS location.

**JORC CODE Explanation**

*Specification of the grid system used.*

**Company Commentary**

WGS84-18L.

**JORC CODE Explanation**

*Quality and adequacy of topographic control.*

**Company Commentary**

This announcement refers to reconnaissance mapping and sampling field work conducted at the Jean Elson Project. 164 rock chip samples were taken. Rock samples were collected that were considered representative of the source material and were recorded as panel or channel samples. Locations were determined by handheld GPS. Trenches, channels and panels were all measured by measuring tape from the recorded GPS location.

**Criteria: Data spacing and distribution**

**JORC CODE Explanation**

*Data spacing for reporting of Exploration Results.*

**Company Commentary**

This announcement refers to reconnaissance mapping and sampling field work conducted at the Jean Elson Project. 164 rock chip samples were taken. Rock samples were collected that were considered representative of the source material and were recorded as panel or channel samples. As a reconnaissance program, sample sites were selected on the basis of visible mineralisation, alteration or other geological/structural/mineralogical interest. Spacing is a consequence of the locations of interesting features selected for sampling. The number and spacing of samples at each feature following best practice – not over-sampling visible mineralisation to skewer results.

**JORC CODE Explanation**

*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.*

**Company Commentary**

No grade, grade continuity, Mineral Resource or Ore Reserve estimations are referred to in this announcement.

**JORC CODE Explanation**

*Whether sample compositing has been applied.*

**Company Commentary**

164 chip samples were taken from the mapping and sampling program of Riqueza South with representative samples collected. Sample compositing was carried out at most locations insofar as multiple samples were collected from panel and channel (described above) into a single sample. Sample compositing is a common practice in collecting rockchip samples from a single outcrop location.

**Criteria: Orientation of data in relation to geological structure**

**JORC CODE Explanation**

*Whether the orientation of sampling achieves unbiased sampling of possible structures and the extent to which this is known, considering the deposit type.*

**Company Commentary**

164 chip samples were taken from the mapping and sampling program of Riqueza South with representative samples collected. Sample compositing was carried out at most locations insofar as multiple samples were collected from panel and channel (described above) into a single sample. As a reconnaissance program, sample sites were selected on the basis of visible mineralisation, alteration or other geological/structural/mineralogical interest. The samples are unconsidered unbiased in terms of the indicated/possible deposit type.

**JORC CODE Explanation**

*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.*

**Company Commentary**

N/A – No drilling results, sampling or assay results are referred to in this announcement.



**Criteria: Sample security**

**JORC CODE Explanation**

*The measures taken to ensure sample security.*

**Company Commentary**

This announcement refers to 164 rock chip samples. The samples were made secured and at all times monitored prior to submission for geochemical analysis.

**Criteria: Audits and reviews**

**JORC CODE Explanation**

*The results of any audits or reviews of sampling techniques and data.*

**Company Commentary**

No audits were required in relation to information subject of this announcement.

## **SECTION 2 REPORTING OF EXPLORATION RESULTS**

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**Criteria: Mineral tenement and land tenure status**

**JORC CODE Explanation**

*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.*

**Company Commentary**

Tenement Type: Three Peruvian Mining Concession applications, Occorccocho I, Occorccocho II and Ccarhua II.

Ownership: Occorccocho I, Occorccocho II and Ccarhua II are owned 100% by the Company.

**JORC CODE Explanation**

*The security of the land tenure held at the time of reporting along with any known impediments to obtaining a licence to operate in the area.*

**Company Commentary**

All the concessions mentioned above are in good standing at the time of writing.

**Criteria: Exploration done by other parties**

**JORC CODE Explanation**

*Acknowledgement and appraisal of exploration by other parties.*

**Company Commentary**

This announcement does not refer to exploration conducted by previous parties.

**Criteria: Geology**

**JORC CODE Explanation**

*Deposit type, geological setting and style of mineralisation.*

**Company Commentary**

The geological setting of the area is that of a gently SW dipping sequence of Cretaceous limestones, Tertiary "red-beds" and volcanics on a western limb of a NW-SE trending anticline; subsequently affected by an intrusive rhyolite volcanic dome believed responsible for a series of near vertical large scale structures and multiple and pervasive zones of epithermal related Au-Cu-Ag-Mn-Zn-Pb mineralisation.

**Criteria: Drill hole information**

**JORC CODE Explanation**

*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:*

- *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.*

**Company Commentary**

No drilling or drilling results are included in this announcement.

**JORC CODE Explanation**

*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.*



**Company Commentary**

No drilling or drilling results are included in this announcement.

**Criteria: Data aggregation methods**

**JORC CODE Explanation**

*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. 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 shown in detail*

**Company Commentary**

No weighted averages, maximum/minimum truncations and cut-off grades were applied to assay reporting in this announcement.

**JORC CODE Explanation**

*The assumptions used for any reporting of metal equivalent values should be clearly stated.*

**Company Commentary**

No metal equivalents are referred to in this announcement.

**Criteria: Relationship between mineralisation widths and intercept lengths**

**JORC CODE Explanation**

*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 (e.g. 'down hole length, true width not known.')*

**Company Commentary**

The orientation of the visible mineralisation encountered in the outcrop that were sampled/photographed and the subject of this announcement are believed related to structures with known/measurable orientations. Whilst sample orientations were as perpendicular as possible, the sample dimensions do not therefore necessarily relate to the true-widths of the actual mineralisation.

**Criteria: Diagrams**

**JORC CODE Explanation**

*Appropriate maps and sections (with scales) and tabulations of intercepts should be included for any significant discovery being reported. These should include, but not limited to a plan view of drill hole collar locations and appropriate sectional views*

**Company Commentary**

Adequate plans are provided showing the general position of the samples subject of this announcement.

**Criteria: Balanced reporting**

**JORC CODE Explanation**

*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.*

**Company Commentary**

The Company believes the ASX announcement provides a balanced report of its exploration results referred to in this announcement.

**Criteria: Other substantive exploration data**

**JORC CODE Explanation**

*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.*

**Company Commentary**

This announcement refers to one previous ASX announcement dated 16 August 2021.

**Criteria: Further work**

**JORC CODE Explanation**

*The nature and scale of planned further work (e.g. tests for lateral extensions or depth extensions or large-scale step-out drilling).*

**Company Commentary**

By nature of early phase exploration, further work is necessary to better understand the mineralisation appearing in the outcrop subject of this announcement.



**JORC CODE Explanation**

*Diagrams clearly highlighting the areas of possible extensions, including the main geological interpretations and future drilling areas, provided this information is not commercially sensitive.*

**Company Commentary**

Plans are provided showing the position of the samples subject of this announcement.

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