

16 June 2020

# THIRD ROUND OF INTEGRATED RESULTS FROM RIQUEZA

# IN THIS ANNOUNCEMENT

- Review of mapping and sample results from the NE Area of Riqueza
- Initial integration of these results with AMAGRAD and geochemical targets and interim IP profiles
- An assessment of the NE Area in terms of the presence of a Cu-porphyry/Cu-Zn skarn system
- Broader conclusion as to the presence of a Cu-porphyry system at Riqueza and next steps
- Presentation of schematic sections of a Cu-porphyry system showing its internal architecture
- Sample location plan and assay tables (Appendix 1 & 2)

INCA MINERALS LTD

ACN: 128 512 907

• Competent Person Statement, Key words and ASX JORC 2012 compliance statements (Appendix 3)

# HIGHLIGHTS

- Several copper (Cu), lead (Pb), zinc (Zn), molybdenum (Mo) ± gold (Au) bearing breccias identified in mapping and sampling program at the NE Area of Riqueza
- Sample assay results of note include:
  - 2.77% Cu over 0.35m channel true width (ctw) (BM-00766)
  - o 2.76% Cu over 0.4m ctw (BM-00798)
  - o 2.41% Cu over 0.4m ctw (BM-00068) SEE PHOTO RIGHT
  - o 31.36% Zn, 33.9ppm Mo, 10ppb Au over 0.1m ctw (BM-00061)
  - 34.79% Pb, 6.33% Zn, 151ppm Mo over 0.4m ctw (BM-00772)
  - o 0.12g/t Au (120ppb Au), 0.13% Pb, 1.0% Zn, 39.37 Mo over 1.0m (BM-00776)
- 4.4sqkm area now defined by mineralisation, geochemical anomalism, AMGRAD targets, 3D inversion models and <u>interim</u> IP profile targets
- Upper parts of a possible Cu porphyry/Cu-Zn skarn system indicated
- Materially increased prospectivity for possible Cu-porphyry/Cu-Zn skarn system in the NE Area
- Independent final IP interpretation and Riqueza drill target proposal anticipated within two weeks

Inca Minerals Limited (**Inca** or the **Company**) has completed the third review of mapping and sampling results of the NE Area of Riqueza. The first and second reviews were completed for the SW Area and Ajo Orjo Areas, reported to the market previously (ASX announcement 27 May 2020 and 8 June 2020 respectively). This third review is the final one in this series (areas are shown in Figure 3).

The mapping and sampling program was designed to cover targets generated in airborne magnetic and radiometric (AMAGRAD), soil geochemical and induced polarisation (IP) geophysical field programs.

The results of this third review are once again highly encouraging. The Company has identified mineralisation in limestone and andesitic sills (Figures 1, 2 and 8) that is coincident with AMAGRAD targets (Figures 3 and 5), geochemical anomalies (Figures 4 and 5) and interim IP profile targets (Figure 7). Including peak values of 2.77% Cu, 34.79% Pb, 31.36% Zn, 151ppm Mo and 0.12g/t Au, the mineralisation is interpreted as representing the possible upper parts of the Cu-Zn skarn-Cu porphyry system (Figures 9 and 10).

An important difference between the NE Area and the south-central area (SW and Ajo Orjo) is that the NE Area is dominated by limestone of the Jumasha Formation, not volcanics, and as such is prospective for carbonate-replacement skarn mineralisation, as well as Cu-porphyry mineralisation.





## NE Area Mapping and Sampling Results

INCA MINERALS LTD

ACN: 128 512 907

The NE Area was mapped and sampled by Inca geologists during an ongoing program to follow up on areas of interest generated in other exploration programs. Multiple mapping traverses were completed which approximately 300 samples taken. 245 sample assay results are available and discussed in this announcement. Sample locations are provided in Appendix 1 and the assay results for Au, Ag, Cu, Pb, Zn are provided in Appendix 2. The remaining sample assay results are anticipated within two weeks.

Mapping has revealed a folded sequence of Jumasha Formation limestone intruded by andesitic sills in contact with red-beds of the Casapalca Formation to the south. Several breccias have been identified that occur within the folded sequence which are mineralised and altered (propylitic). In the Puymanpata P-1 AMAGRAD area, an andesitic sill lies between the Jumasha limestone and the Casapalca red-beds. This sill in turn has been intruded by a later timed andesitic porphyritic dyke. This is of particular interest in terms of the interim IP profile interpretation.

Three style of mineralisation in the NE Area falls are recognised; <u>Breccia hosted Cu mineralisation</u> (ore-forming minerals include chalcopyrite, malachite, chrysocolla) with pyrite and Fe-Mn oxides (Figure 1 and Figure 2); <u>Brecciated hosted Pb-Zn-Mo±Au mineralisation</u> (ore-forming minerals include galena, sphalerite, smithsonite) with calcite veinlets, and Fe-oxides in limestone; and iii) <u>Cu-Pb mineralisation</u> (ore-forming mineral includes galena) as veinlets and disseminations (Figure 1).

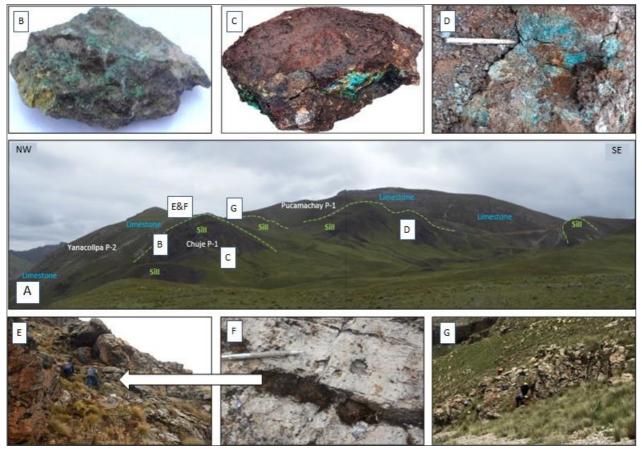


Figure 1 **ABOVE Photo A**: Panoramic view facing north of the NE Area; **Photo B**: Cu mineralisation (malachite and chrysocolla) in an andesitic sill; **Photo C**: Cu mineralisation (malachite and chrysocolla) with Fe-oxides in an andesitic sill; **These** sites correspond to the Chuje P-1 AMAGRAD target; **Photo D**: Cu mineralisation (malachite and chrysocolla) with Fe-oxides (limonite and jarosite) in an andesitic sill; **Photo E & F**: Outcrop and sample of disseminated Pb mineralisation (galena) with Fe-oxides (haematite) in limestone. **Photo G**: Outcrop of brecciated porphyritic andesite sill.



The breccias that contain Cu mineralisation are typically clast-supported comprising fragments (clasts) of andesite and quartz vein material surrounded by a calcite and volcanic glass matrix. The matrix contains secondary Cu mineralisation (malachite and chrysocolla) and remnant disseminated Cu sulphide (chalcopyrite) and pyrite mineralisation (Figure 2).

INCA MINERALS LTD

ACN: 128 512 907

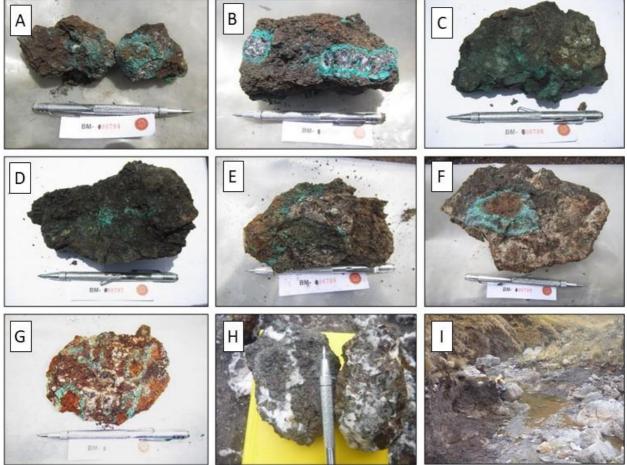


Figure 2 Sample photos. Examples of breccias with consistently high levels of Cu. **ABOVE TOP Photos A to C**: BM-00794 to BM-00796; **ABOVE MIDDLE Photos D to F**: BM-00797 to BM-00799 (refer also to Appendix 2); **ABOVE BOTTOM Photo G**: BM-00766. BM-00766 contains remnant chalcopyrite and pyrite. Its gossanous nature indicates weathering of primary sulphides; **Photos H&I:** Another breccia with andesite and quartz clasts and calcite matrix (white) with disseminated chalcopyrite and pyrite – less weathered (less red in colour) than the sample in G (BM-00766).

Item	Au ppb	Cu %	Ag g/t	<b>Pb</b> %	Zn %	Mo ppm
# samples	245	245	245	245	245	245
Minimum	0.5	<0.001	0.01	0.0001	0.0002	1.2
Maximum	120	2.77	5.29	34.79	31.36	151

Table 1 **ABOVE:** Maximum and minimum gold (**Au**)<sup>1</sup>, Cu , Ag, Pb, Zn and Mo values from sampling in the NE Area. Refer to Appendix 2 for complete assay results.

<sup>&</sup>lt;sup>1</sup> 100 parts per billion is equivalent to 0.1 parts per million, which also equals 0.1 grams per tonne (g/t).



ACN: 128 512 907

# ASX ANNOUNCEMENT

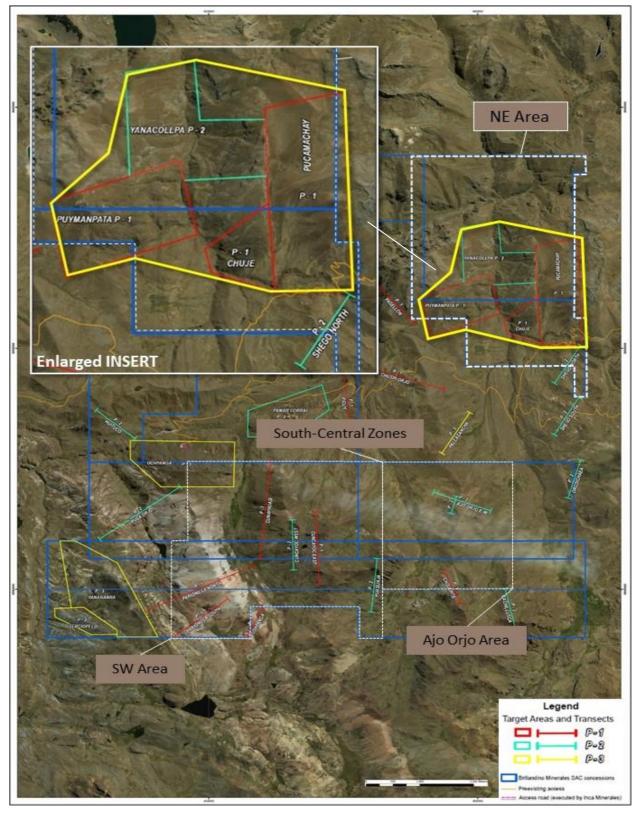


Figure 3 **ABOVE**: Satellite plan showing the three mapping and sampling areas and positions of the AMAGRAD targets. The NE Area has three P-1 and two P-2 AMAGRAD targets defining a very large zone of interest (yellow solid line). **INSERT**: Enlargement of this area of interest.

Page4



ACN: 128 512 907

# ASX ANNOUNCEMENT ASX Code: ICG

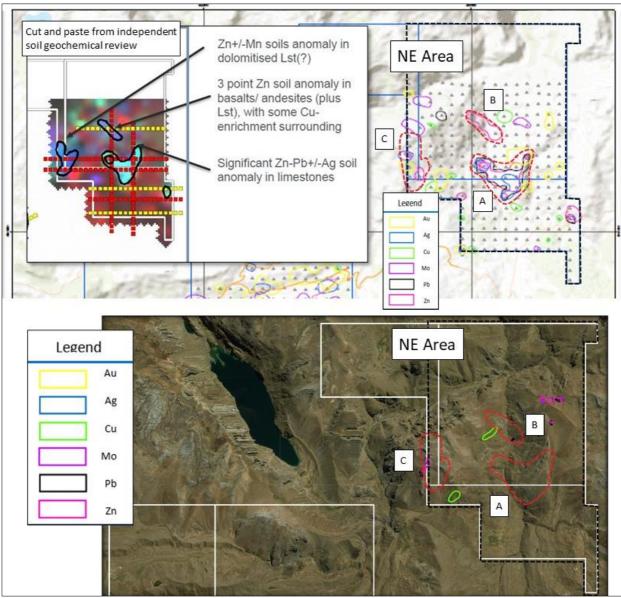


Figure 4 **ABOVE TOP**: Plan showing the soil geochemistry results on the soil sample location grid (ASX announcement 15 October 2019). **INSERT** Independently generated geochemical anomalism. **ABOVE BOTTOM**: A satellite plan of the approximate upper half of the plan above, showing the rock chip results and the soil geochemical halos A, B, C (red dashed lines). The rockchip anomalies do not coincide with soil chemistry anomalies, which may mean either additional mineralisation is to identified and/or that the soil chemistry is representing mineralisation from below. The legend is the same for both plans.

The exploration programs conducted at the NE Area have generated meaningful results in terms of target generation. These are listed below and are further discussed in Importance of Results.

- <u>Mapping and sampling program</u>: Mineralised breccias and limestone (Figures 1, 2 and 8) and a limestone sequence with high levels of intrusion, including andesitic sills and late stage porphyritic dykes.
- <u>AMAGRAD program</u>: Three P-1 and two P-2 AMAGRAD targets (Pucamachay P-1, Puymanpata P-1, Chuje P-1, Shego North P-1, Yanacolipa P-2 that form a large single target approximately 4.4sqkm in size, incorporating strong magnetic signatures at surface and at depth, multiple radiometric alteration halos (phyllic and potassic), and multiple interpreted possible intrusions (Figures 3 and 5).



# ASX ANNOUNCEMENT ASX Code: ICG

- <u>Soil geochemical program</u>: Notable geochemical targets including significant Pb+Zn±Ag, Zn+Mn and Cu-Zn anomalism (independent review); Ag+Pb+Zn±Cu±Mo (internal review) (Figure 4).
- <u>3D magnetic inversion modelling program</u>: Unaccounted magnetic bodies (INSERTS Figure 5).
- IP program: Large interim IP profile targets (Figure 7).

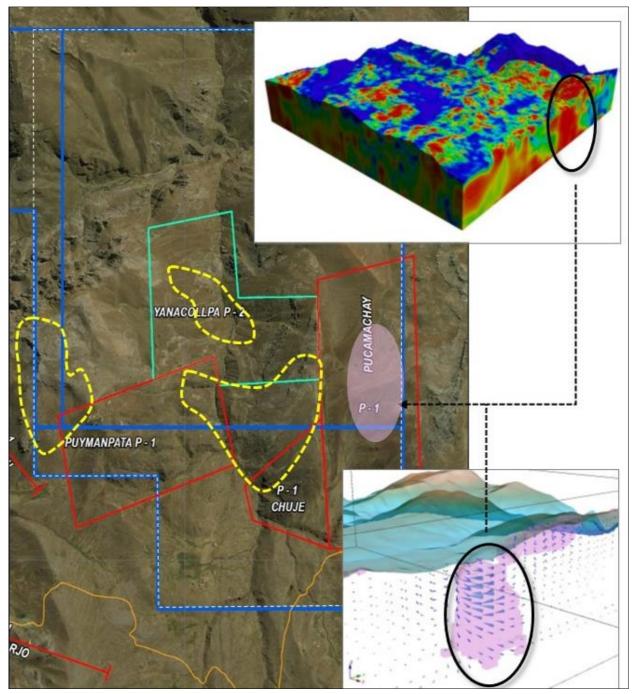


Figure 5 **ABOVE:** Satellite image plan of NE Area showing the AMAGRAD targets area (red and green solid lines), the soil geochemical anomalies (yellow dashed lines) and the approximate location of the Pucamachay P-1 AMAGRAD target 3D magnetic inversion model. It is interesting to note the juxtaposition of the geochemical and geophysical anomalies, not precisely coincident but overlapping to define a very large target area. **INSERTS** 3D modelling of the Pucamachay P-1 MAGRAD target. The 3D model is interpreted to over a 1.4km depth.



ACN: 128 512 907

# ASX ANNOUNCEMENT

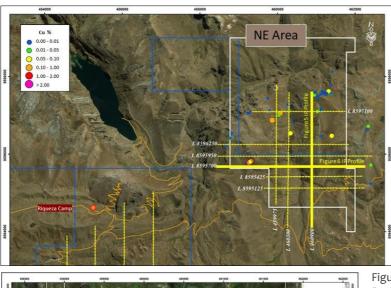


Figure 6 **ABOVE:** Satellite location plan showing the sample locations in the NE Area highlighting the Cu results. The IP coverage is shown (yellow lines) and the specific IP profiles mentioned in this announcement, in Figure 7 are highlighted (thick yellow lines). Numbered sample locations are provided in Appendix 1.

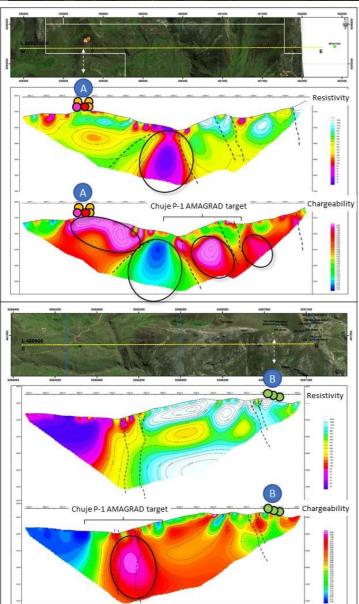


Figure 7 LEFT TOP: Stacked EW orientated IP Profile L8595700 (Resistivity and Chargeability) where west is left, and east is right (Figure 6). LEFT BOTTOM: NS orientated IP Profile L460900 (Resistivity and Chargeability) where south is left, and north is right (Figure 6). Interim IP profile targets are indicated (solid black lines), as well as interpreted structures (dashed black lines) and sample locations (coloured dots). The Chuji P-1 AMAGRAD target is indicated on both profiles. The ridge top area marked A, returned several good Cu grades in sampling, including 2.41%Cu (Page 1), 1.26% (Figure 8 C) in mineralised sills that also corresponds to the Puymanpata P-1 AMAGRAD target. The area marked B corresponds to elevated Pb-Zn levels in limestones. The indicated IP profile target on the NS chargeability profile is located on/close to the Jumasha-Casapalca contact, where a porphyritic dyke has intruded an andesitic sill.



# Conclusions - Cu-Zn Skarn Potential for the NE Area

INCA MINERALS LTD

ACN: 128 512 907

Inca has completed the third of three in-house reviews in which mapping and sampling program results are integrated with AMAGRAD, 3D magnetic inversion modelling imagery, soil geochemistry and interim IP profiles. The review, the subject of this announcement, was for the NE Area.

The NE Area comprises a thick sequence of limestone, which has been intruded by andesitic sills and porphyritic dykes. Mineralised breccias are present within the limestone sequence and sills that contain significant levels of Cu, Pb, Zn, Mo and Au. Disseminated Cu-Pb also occurs within the limestone sequence. Unmineralized limestones typically have very low levels of metals such as these. It is believed that the combination of these metals is indicative of the presence of a Cu-Zn skarn system (Figures 9 and 10). Additional occurrences of mineralisation are indicated by several Cu, Au, Ag, Pb, Zn, Mo geochemical anomalies (halos).

The NE Area also hosts AMAGRAD targets (both magnetic and radiometric features), 3D inversion models and interim IP profile targets that are broadly coincident and overlapping with the mineralisation described above. The occurrence of geophysical anomalies, to depths of >1.4km, is indicative of intrusive activity and possible development of deeper Cu-Zn skarn and Cu-porphyry mineralisation.

Combined surface anomalism (Cu, Pb, Zn, Mo and Au mineralisation, soil geochemical halos, radiometric alteration halos) and sub-surface anomalism (magnetics and IP) provide a compelling argument for the possible presence of the Cu-Zn skarn and Cu-porphyry at the NE Area.

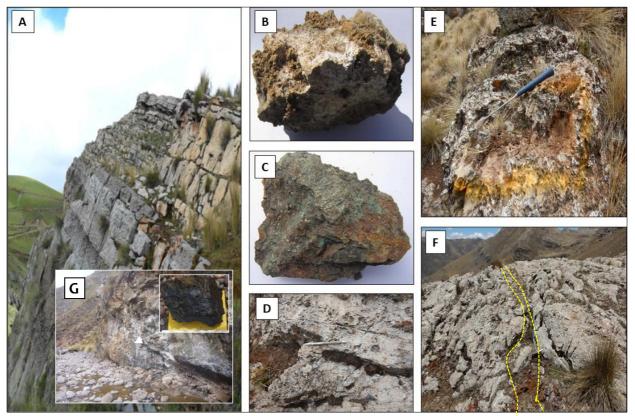


Figure 8 **ABOVE Photo A:** Jumasha Formation limestone, characteristically massive to thinly bedded, light to dark grey in colour; **Photo B:** Brecciated limestone with Zn and Ag mineralisation within the matrix at 31.36% Zn, 2.84g/t Ag; **Photo C:** mineralised andesite (that has intruded the limestone) with Cu mineralisation at 1.26% Cu; **Photo D:** Pb and Zn sulphides disseminated through the limestone layers 0.12% Pb and 1.50% Zn; **Photo E:** Another example of brecciated limestone with 2.06% Pb and 1.50% Zn; **Photo F:** A narrow breccia structure with Zn mineralisation and Fe-Mn oxides at 1.40% Zn. **INSERT G:** Outcrop of limestone and dark grey limestone rock sample with remnant disseminated chalcopyrite.



# Conclusions – Au-Ag Epithermal, Cu Porphyry and Cu-Zn Skarn Potential for Riqueza

INCA MINERALS LTD

ACN: 128 512 907

The mapping and sampling results of the NE, SW and Ajo Orjo Areas have now been reviewed alongside AMAGRAD, soil geochemical, 3D inversion modelling, and <u>interim</u> IP profile target data. It is concluded that results of all programs are indicative of a large intrusive-related mineralised system being present at Riqueza. The three large mapping area (the subject of the past series of three integrated results ASX announcements) and the additional prospect areas (Humaspunco-Pinto, Uchpanga, Pampa Corral) are all characteristic, and make up vital parts of, a well preserved Cu-porphyry system as per the Sillitoe 2010 model (Figures 9 and 10).

It is therefore concluded that Riqueza is highly prospective for the occurrence of three forms of large-scale mineralisation: i) Au-Ag epithermal mineralisation; ii) Cu-Ag±Au±Mo porphyry mineralisation, and iii) Cu-Zn skarn mineralisation. It should be noted that large Cu-porphyry systems commonly host multiple mineralised porphyry bodies, so that in the context of Figures 9 and 10, there are multiple "pink coloured centres". This too is a possibility at Riqueza.

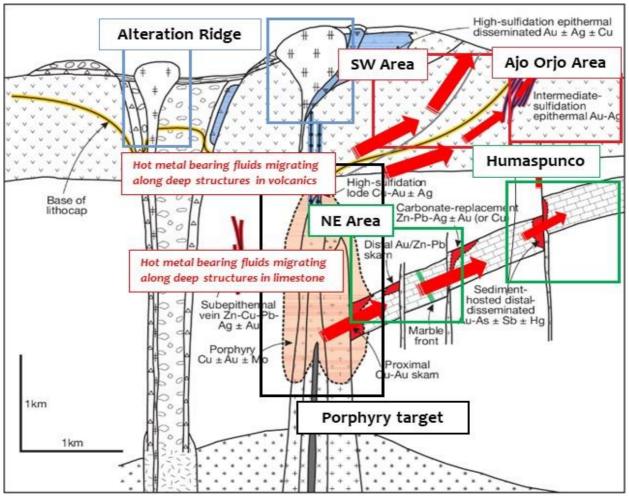


Figure 9 **ABOVE**: Geological model of a Cu-porphyry from Sillitoe (2010). Many of the components that make up a wellpreserved epithermal-porphyry-skarn system are now recognised at Riqueza. The rhyolite dome at Alteration Ridge is likened to the dacite domes of the Sillitoe model (blue boxes). The SW and Ajo Orjo Areas are believed analogous to the epithermal parts of the system (red boxes), and the NE Area is believed to be the distal parts of a limestone-dominated skarn. And finally, the carbonate replacement veins, mantos and breccias of Humaspunco are further distal from the hotter skarn. With exception of the rhyolite dome, all areas are potential drill targets as well as a "central" Cu±Au porphyry (black box).



ACN: 128 512 907

# ASX ANNOUNCEMENT ASX Code: ICG

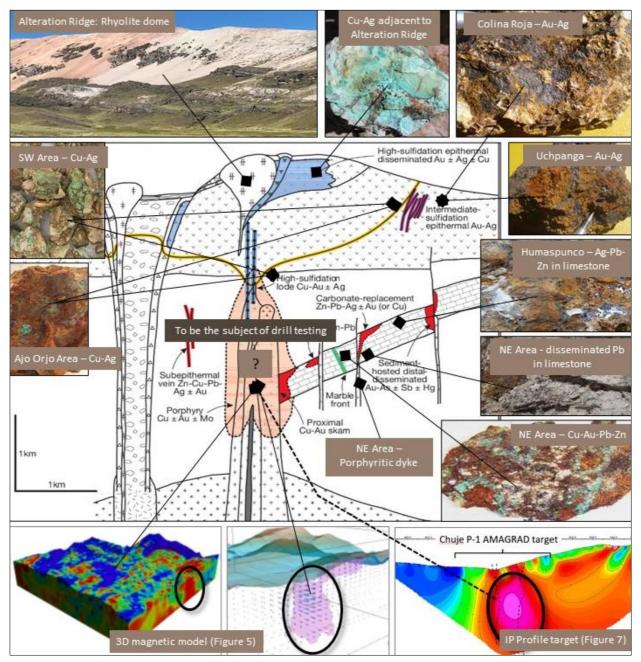


Figure 10 **ABOVE:** A modification of the Sillitoe (2010) Cu-porphyry model from Figure 9 emphasising the metal zoning represented in the various prospects of Riqueza. The photos of mineralisation from each prospect are referenced to the "matching" parts of the model. The geophysical targets (magnetic models and IP) are "matched" with the possible Cu-porphyry, they possibly indicate.

## Next Steps

The final IP interpretation will be incorporated into an independent drill targets recommendation report and be available within two weeks. This combined report is currently being compiled by an expert consultancy.

As soon as the combined IP interpretation and drill targets recommendation report is received and reviewed by Inca, it is Inca's intention to begin the processes of drill permitting. A drill permit service provider has already been identified, informally engaged and preparatory actions commenced.



## **Competent Person Statement**

The information in this report that relates to exploration results and mineralisation for Riqueza located in Peru, is based on information reviewed and compiled by Mr Ross Brown BSc (Hons), MAusIMM, SEG, MAICD 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 exploration results, the 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.

## Selected Key Words Used in this Announcement

INCA MINERALS LTD

ACN: 128 512 907

<u>Airborne</u>	Said of a <u>geophysical</u> survey in which the <u>geophysical</u> tool is above the ground.
Geophysics(-ical)	An exploration method using instruments to collect and analyse properties as magnetics,
	radioactivity, gravity, electronic conductivity, etc. Instruments can be located on surface (ground
	survey) or above the ground ( <u>airborne</u> survey).
Magnetic Survey	Measures variations in the intensity of the earth's magnetic field caused by the contrasting content
	of rock-forming magnetic minerals in the Earth's crust. This allows sub-surface mapped of geology,
	including Structures. An airborne survey is flown either by plane or helicopter with the
	magnetometer kept at a constant height above the surface.
Radiometric Survey	Or gamma-ray spectrometric survey measures concentrations of radio-elements potassium (K),
	uranium (U) and thorium (Th), specifically the gamma rays emitted by isotopes of these elements.
	All rocks and soils contain radioactive isotopes and almost all gamma-rays detected at surface are
	the result of radioactive decay of K, U and Th. Radiometrics is therefore capable of directly detecting
	potassic alteration which is associated with hydrothermal processing and formation of deposits.
AMAGRAD	Acronym for <b>A</b> irborne <u>Magnetic</u> and <u>Radiometric</u> survey.
Induced polarization	(IP) is the Earth's capacity to hold an electric charge over time. IP measures the voltage decay curve
	(or loss) after the injected current is shut off. The higher the IP, the longer over time the charge is
	held (or retained) (chargeability). IP decays (or fades away) over a period of time, typically a few
	seconds but sometimes up to minutes, and will eventually disappear. Rocks, and more relevantly,
	mineralisation, have IP signatures that can be recognised in the data.
	IP <u>chargeability</u> is a derivative of <u>resistivity</u> —in order to measure IP, resistivity is first measured. IP is
	measured at the end of a resistivity cycle.
	• DC electric current is transmitted into the ground through two electrode stakes that are
	driven into the ground. The resulting electric potential field is measured between two
	other electrode stakes.
	• Raw measured data—i.e., apparent <u>resistivity</u> values—are inverted to produce a model of
	the true subsurface resistivity distribution.
	• A time component is added to derive IP.
	• IP chargeability and resistivity false-colour "heat" profiles are a way of presenting IP data.
IP Survey	A ground geophysical method involving the measurement of the slow decay of voltage in the ground
	following the cessation of an excitation current pulse.
Geochemistry(-ical)	The study of the distribution and amounts of the chemical elements in minerals, ores, rocks, soils,
	water and the atmosphere.
<u>Porphyry (Deposit)</u>	A type of <u>deposit</u> containing <u>ore-forming minerals</u> occurring as disseminations and veinlets in a large
	volume of rock. The rock is typically porphyritic (a texture of large crystals in a fine groundmass).
	Porphyry deposits are economically very significant.
<u>Skarn (Deposit)</u>	A type of deposit that forms as a result of alteration which occurs when hydrothermal fluids interact
	either igneous or sedimentary rocks. In many cases, skarns are associated with the intrusion o
	granitic rocks, especially <u>Porphyry</u> intrusions, in and around faults that intrude into a limestone.
<u>Deposit</u>	A <u>deposit</u> is a naturally occurring accumulation or concentration of metals or minerals of sufficient
	size and concentration that might, under favourable circumstances, have economic value
	(Geoscience Australia). It is not a defined term in the JORC Code 2012 for Australasian Reporting of
	Exploration Results, Mineral Resources and Ore Reserves (JORC 2012).



# Selected Key Words Used in this Announcement cont...

INCA MINERALS LTD

<u>Mineralisation</u>	A general term describing the process or processes by which a mineral or minerals are introduced into a rock (or geological feature such as a <u>vein</u> , fault, etc). In the strictest sense, <u>mineralisation</u> does not necessarily involve a process or processes involving <u>ore-forming minerals</u> . Nevertheless, <u>mineralisation</u> is very commonly used to describe a process or processes in which <u>ore-forming minerals</u> are introduced into a rock at concentrations that are economically valuable or potentially valuable. The potential <u>mineralisation</u> occurring at Riqueza is <u>epithermal</u> , <u>porphyry</u> and porphyry-related.
<u>Epithermal</u>	Said of <u>hydrothermal</u> processes occurring at temperatures ranging from 50°C to 200°C, and within 1,000m of the Earth's surface.
Intermediate Sulphidation	Please refer to inserts immediately below (from Andrew Jackson, Sprott International). Commonly abbreviated IS.
	Intermediate-sulfidation The Porphyry – Epithermal connection
	SE SE
	<ul> <li>Characteristics</li> <li>Generally veins and breccias, like Low-sulfidation epithermals but coarser banding</li> <li>But may contain alunite like High-sulfidation epithermals</li> <li>In addition to gold, usually contain significant silver, lead (galena), zinc (sphalerite) at depth</li> <li>Gold and silver deposition is controlled by boiling. Base metals mainly by fluid mixing/cooling.</li> </ul>
Hydrothermal	Of, or pertaining to "hot water" usually used in the context of <u>ore-forming</u> processes.
<u>Carbonate</u>	A process in which carbonate minerals are "replaced" by another mineral or minerals.
<u>Replacement (Deposit)</u>	A <u>Manto</u> is a form of <u>Carbonate Replacement</u> inasmuch as the carbonate minerals of a limestone layer are "replaced" by ore-forming minerals like sphalerite and galena.
<u>Limestone</u>	A calcium carbonate sedimentary rock typically formed by ancient coral reefs.
Volcanics	A large group of igneous rocks that are derived from magma of various compositions that area
VOICATIICS	extruded and cooled at the surface.
<u>Andesite(-istic)</u>	An igneous rock in composition between basalt and <u>rhyolite</u> . Though described as a volcanic igneous
<u></u>	rock as a constitute of a sill, it is "sub-volcanic" being emplaced not at the surface, but just below it.
Porphyritic_	Said of a texture of an igneous rock where the large crystals are set in a groundmass of very fine crystals. In this context, <i>porphyritic</i> does not refer or describes <i>porphyry mineralisation</i> . Confusingly, porphyry mineralisation is typically hosted in <i>porphyritic</i> igneous rocks.
Sill	A tabular igneous <u>intrusion</u> that parallels the planar structure of the surrounding rock.
Dyke	A tabular igneous intrusion that cuts across the planar structure of the surrounding rock.
Red-beds	A sequence of oxidised sediments that are typically red (Fe-rich) in colour.
Rhyolite Dome	A steep sided, rounded extrusion (quasi-intrusive) of highly viscous magma erupted from a volcano. Domes often occur within volcano craters, which may be later eroded away leaving a high topographic dome feature.
<u>Rhyolite(-ic)</u>	A classification of a group of igneous rocks generally porphyritic which exhibit flow texture. <u>Rhyolitic</u> is term describing <u>rhyolite</u> characteristics.
Intrusion (-ive)	The process of emplacement of <i>magma</i> in pre-existing <i>country rock</i> .
Country Rock	Rock that encloses or is cut by <i>mineralisation</i> . And more broadly, rock that makes up the geology of an area.
Ore-forming Minerals	Minerals which are economically desirable.
<u>Chalcopyrite</u>	Copper iron sulphide with the chemical formula $CuFeS_2$ with 34.63% Cu by mol. weight.
Malachite	A hydrated copper oxide with a chemical formula: $Cu_2(CO_3)(OH)_2$ ; 57.48% Cu mol weight.
<u>Azurite</u>	A hydrated copper oxide with a chemical formula: $Cu_3(CO_3)_2(OH)_2$ ; 55.31% Cu mol weight.
Chrysocolla	A hydrated copper aluminium oxide with a chemical formula: $(Cu,Al)_2H_2Si_2O_5(OH)_2.n(H_2O)_2$ ; 33.86% Cu mol weight.
<u>Sphalerite</u>	Zinc sulphide mineral with the chemical formula ZnS with 64.06% Zn by mol. weight.
<u>Smithsonite</u>	Zinc carbonate mineral with the chemical formula $ZnCO_3$ with 52.15% Zn by mol. weight.
<u>Galena</u>	Lead sulphide mineral with the chemical formula PbS with 86.60% Pb by mol. weight.
<u>Pyrite</u>	Iron sulphide with the chemical formula FeS <sub>2</sub> .



Page12



## Selected Key Words Used in this Announcement cont...

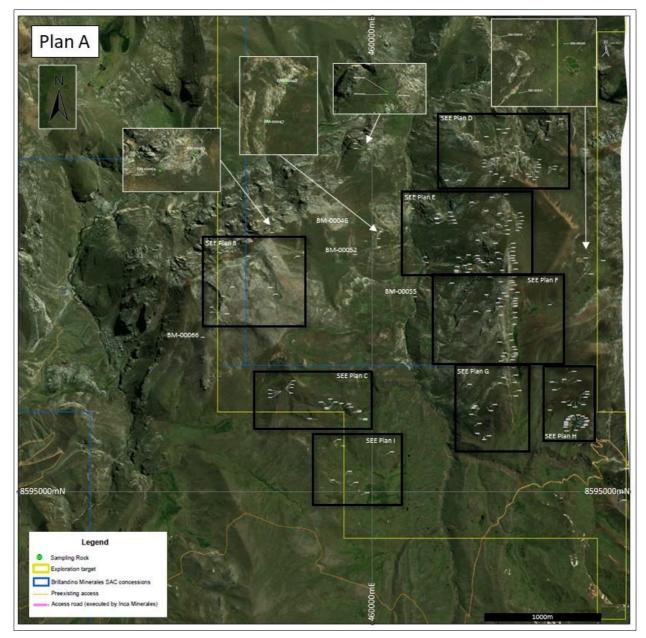
<u>Fe-oxides</u>	A group of oxide minerals containing iron (Fe), including but not limited to haematite, limonite and goethite.
<u>Jarosite</u>	A hydrous iron sulphate mineral with the chemical formula $KFe_3(SO_4)_2(OH)_6$ .
<u>Mn-oxides</u>	A group of oxide minerals containing manganese (Mn), including but not limited to pyrolusite, franklinite, jacobsite.
<u>Calcite</u>	A common carbonate mineral with the chemical formula: CaCO <sub>3</sub> .
<u>Quartz</u>	A very common mineral with the chemical formula SiO <sub>2</sub> . Quartz is a common product of hydrothermal activity and typically forms veins and veinlets
Dissemination(s)	Fine grained and generally evenly distributed
Volcanic glass	An amorphous product from very rapidly cooling magma/molten rock. It may occur as matrix material in volcanic rocks and in veins where such rocks are broken and cooled quickly
<u>Structure</u>	A very broad and widely used geological term used to describe linear features such as geological faults, lineaments or <u>veins</u> .
<u>Breccia</u>	Broken or fragmented rock. <u>Breccia veins</u> which are common at Riqueza, are narrow fissures containing numerous rock fragments. The rock fragments are called <u>clasts</u> and the space around the clasts is called the <u>matrix</u> . Often the <u>matrix</u> in the <u>breccia veins</u> at Riqueza contains the <u>ore-forming</u> minerals.
<u>Clast</u>	The broken or fragmented, generally coarse component of a <u>breccia</u> .
Matrix	The fine component of a <i>breccia</i> , occurring between the <i>clasts</i> .
<u>Vein(s)</u>	A tabular or sheet-like form of <i>mineralisation</i> , often resulting from in-filling a vertical or near-vertical fracture. They often cut across <u>country rock</u> .
<u>Veinlet(s)</u>	A small and narrow mineral filling of a fracture in <u>country rock</u> that is tabular or sheet-like in shape. <u>Veinlets</u> are narrow versions of <u>veins</u> .
Manto	A tabular or sheet-like form of <u>Carbonate Replacement</u> mineralisation, often resulting from replacement along layers of <u>Limestone</u> with metal sulphides.
Alteration	A process that involves the <u>alteration</u> of (change to) a rock, mineral or mineralisation by processes involving, but not limited to, the presence of <u>hydrothermal</u> fluids.
Propylitic alteration	<u>Alteration</u> typically associated with hydrothermal activities in which epidote, chlorite and <u>calcite</u> are produced.
Phyllic Alteration	. <u>Alteration</u> typically associated with hydrothermal activities in which quartz, sericite and pyrite are
Potassic alteration	produced. <u>Alteration</u> that is characterised by the formation of new K-feldspar and/or biotite minerals. It typically represents the highest temperature form of <u>alteration</u> within <u>porphyry deposits</u> , forming in the core of the system.

\*\*\*\*\*





# Appendix 1: Sample Location Plan (Plan A).

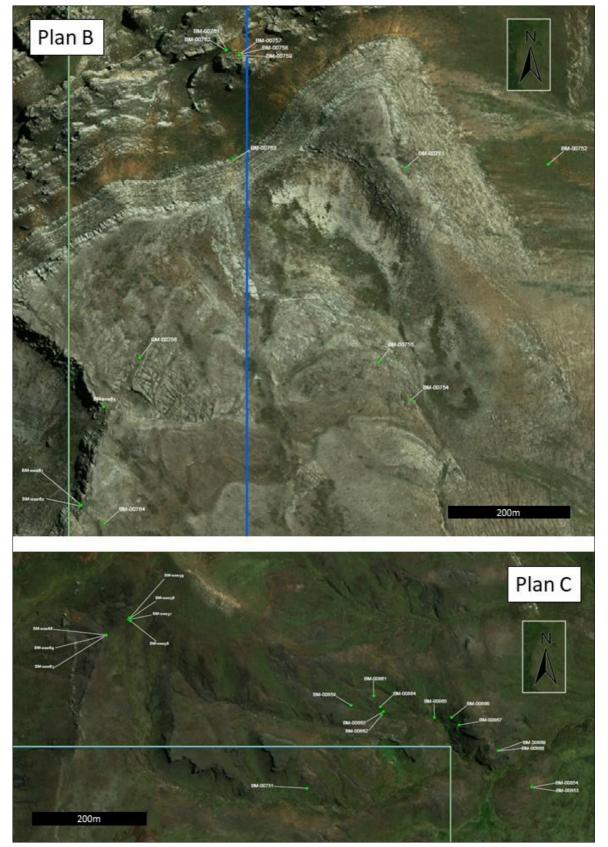


**NOTE:** Due to the widespread nature of the sample locations and large-scale plan is required to show the distribution. To counter the loss of detail when reduced to A4 format, this plan is enlarged in sections which are provided as separate plans (plans B to I) in the following pages. Each plan shows the sample location and number. Approximate scales are provided.





## Appendix 1: Sample Location Plan continued PLANS B & C.



Page15

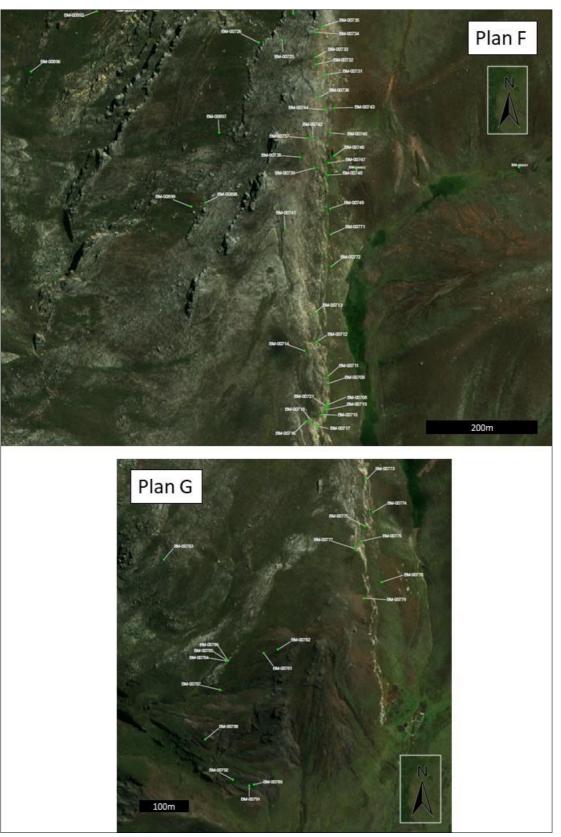


## Appendix 1: Sample Location Plan continued PLANS D & E.





## Appendix 1: Sample Location Plan continued PLANS F & G.

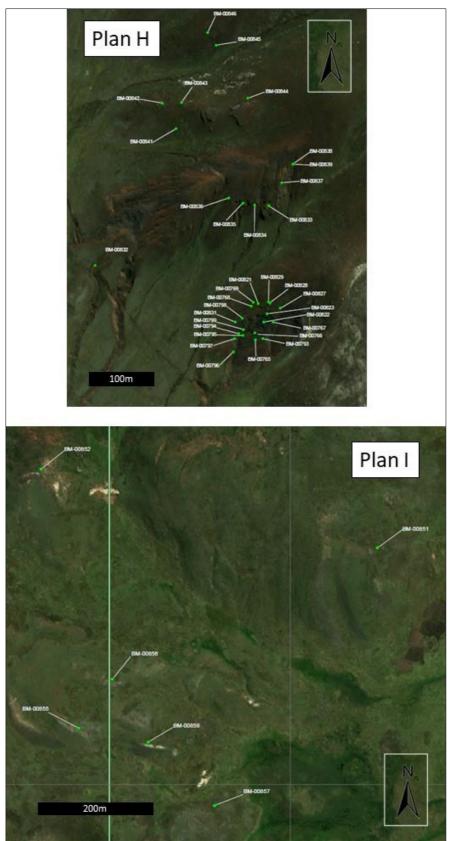


Page17



# ASX ANNOUNCEMENT





Page18





## Appendix 2: Assay Tables Au, Ag, Cu, Pb, Zn and Mo.

BM-00001 BM-00002 BM-00003 BM-00004 BM-00005 BM-00006 BM-00007 BM-00009 BM-00010 BM-00011 BM-00013 BM-00013 BM-00013 BM-00016 BM-00016 BM-00017 BM-00018 BM-00018 BM-00021 BM-00021	COORD E_WGS84 461399 461131 461121 461128 461032 461032 461037 460973 460973 460967 460967 460967 460967	ple Location INATES N_WCS84 8596473 8596469 8597175 8597133 8597160 8597160 8597160 8597451 8597485 8597585 8597585 8597585	Height 4457 4496 4516 4515 4516 4323 4484 4492 4491	Target Area Pucamachay Pucamachay Pucamachay Pucamachay Pucamachay N - Pucamachay N - Pucamachay	Sampling dimensions (m) 1,0 x 1,0 3,0 x 3,0 0.5 0.4 0,5 x 0,5	Total width (m)	Au FAI313 PPB 0.5 0.5	Ag ICM40BR PPM 1.5 0.07	PPM 516.0	Cu AAS41B % 0.052	Pb ICM40BR PPM 46.9	Pb AAS41B % 0.005	Zn ICM40BR PPM 19.0	Zn CON21B % 0.002	Mo ICM40BR PPM
BM-00001           BM-00002           BM-00003           BM-00004           BM-00005           BM-00007           BM-00007           BM-00008           BM-000011           BM-00012           BM-00013           BM-00014           BM-00015           BM-00017           BM-00018           BM-00016           BM-00017           BM-00018           BM-00021	E_WGS84 461399 461131 461128 461128 461128 461032 461032 460973 460973 460973 460967 460967 460961 4609651 460110.289	N_WCS84 8596473 8596469 8597175 8597133 8597160 8597451 8597451 8597485 8597585 8597585 8597585	4457 4496 4516 4515 4516 4323 4484 4492 4491	Pucamachay Pucamachay Pucamachay Pucamachay Pucamachay Pucamachay	(m) 1,0 x 1,0 3,0 x 3,0 0.5 0.4 0,5 x 0,5		PPB 0.5 0.5	PPM 1.5	PPM 516.0	% 0.052	PPM	%	PPM	%	PPM
BM-00001 BM-00002 BM-00003 BM-00004 BM-00005 BM-00006 BM-00007 BM-00009 BM-00010 BM-00011 BM-00013 BM-00013 BM-00013 BM-00016 BM-00016 BM-00017 BM-00018 BM-00018 BM-00021 BM-00021	461399 461131 461121 461128 461118 461032 461021 461037 460973 460973 460973 460967 460967 460967 460951		4496 4516 4515 4516 4323 4484 4492 4491	Pucamachay Pucamachay Pucamachay Pucamachay Pucamachay Pucamachay	1,0 x 1,0 3,0 x 3,0 0.5 0.4 0,5 x 0,5	()	0.5 0.5	1.5	516.0	0.052					
BM-00002           BM-00003           BM-00004           BM-00005           BM-00006           BM-00007           BM-00007           BM-00011           BM-00013           BM-00014           BM-00015           BM-00017           BM-00017           BM-00018           BM-00019	461131 461121 461128 461118 461032 461037 460973 460973 460973 460967 460967 460967 460951	8596469 8597175 8597133 8597160 8597100 8597451 8597485 8597585 8597585 8597585	4496 4516 4515 4516 4323 4484 4492 4491	Pucamachay Pucamachay Pucamachay Pucamachay Pucamachay Pucamachay	3,0 x 3,0 0.5 0.4 0,5 x 0,5		0.5				40.9			0.002	
BM-00003           BM-00004           BM-00005           BM-00006           BM-00007           BM-00008           BM-00001           BM-00011           BM-00012           BM-00015           BM-00016           BM-00017           BM-00018           BM-00019           BM-00011	461121 461128 461032 461032 461037 460973 460973 460973 460981 460981 460967 460951 460951	8597175 8597133 8597160 8597100 8597451 8597485 8597585 8597585 8597585	4516 4515 4516 4323 4484 4492 4491	Pucamachay Pucamachay Pucamachay Pucamachay	0.5 0.4 0,5 x 0,5					0.002	9.9	0.001	40.0	0.004	9.52 1.69
BM-00004           BM-00005           BM-00006           BM-00007           BM-00009           BM-00009           BM-00011           BM-00012           BM-00013           BM-00014           BM-00015           BM-00016           BM-00017           BM-00018           BM-00019           BM-00011	461128 461032 461032 461037 460973 460973 460973 460967 460967 460951 460951	8597133 8597160 8597100 8597451 8597485 8597585 8597585 8597585	4515 4516 4323 4484 4492 4491	Pucamachay Pucamachay Pucamachay	0.4 0,5 x 0,5		0.5	0.22	23.0 12.1	0.002	1069.5	0.001	2332.0	0.233	14.10
BM-00006           BM-00007           BM-00008           BM-00009           BM-00010           BM-00011           BM-00013           BM-00015           BM-00016           BM-00017           BM-00018           BM-00019           BM-00019	461118 461032 461037 460973 460973 460973 460967 460967 460951 460951	8597100 8597451 8597485 8597585 8597585 8597585 8597586	4516 4323 4484 4492 4491	Pucamachay			0.5	0.05	4.5	0.000	11.1	0.001	92.0	0.009	1.81
BM-00007           BM-00008           BM-00009           BM-00011           BM-00012           BM-00013           BM-00014           BM-00015           BM-00015           BM-00016           BM-00017           BM-00018           BM-00019           BM-00021	461021 461037 460973 460973 460973 460981 460967 460951 461110.289	8597100 8597451 8597485 8597585 8597585 8597585 8597586	4484 4492 4491				0.5	1.98	365.0	0.037	2671.9	0.267	1686.0	0.169	33.14
BM-00008           BM-00009           BM-00011           BM-00012           BM-00013           BM-00014           BM-00015           BM-00016           BM-00017           BM-00018           BM-00019           BM-00019           BM-00011	461037 460973 460973 460973 460981 460967 460951 461110.289	8597485 8597585 8597585 8597586	4492 4491	N - Pucamachay	1,0 X 1,0		0.5	0.14	150.6	0.015	58.2	0.006	280.0	0.028	5.17
BM-00009           BM-00011           BM-00012           BM-00013           BM-00014           BM-00015           BM-00016           BM-00017           BM-00018           BM-00019           BM-00019           BM-00012	460973 460973 460973 460981 460967 460951 461110.289	8597585 8597585 8597586	4491		0.6		0.5	0.05	5.2	0.001	18.9	0.002	110.0	0.011	2.62
BM-00011           BM-00012           BM-00013           BM-00014           BM-00015           BM-00016           BM-00017           BM-00018           BM-00019           BM-00002	460973 460973 460981 460967 460951 461110.289	8597585 8597586		N - Pucamachay	0.4		0.5	0.04	5.8	0.001	22.0	0.002	300.0	0.030	9.00
BM-00012           BM-00013           BM-00014           BM-00015           BM-00016           BM-00017           BM-00018           BM-00019           BM-00021	460973 460981 460967 460951 461110.289	8597586		N - Pucamachay	0.25		10	0.71	172.1	0.017	996.6	0.100	5650.0	0.565	90.32
BM-00013 BM-00014 BM-00015 BM-00016 BM-00017 BM-00018 BM-00019 BM-00021 BM-00022	460981 460967 460951 461110.289		4491	N - Pucamachay	0.3		0.5	0.36	52.4	0.005	231.6	0.023	4683.0	0.468	12.74
BM-00014 BM-00015 BM-00016 BM-00017 BM-00018 BM-00019 BM-00021 BM-00022	460967 460951 461110.289	8597596	4491	N - Pucamachay	0.3		0.5	0.11	14.8	0.001	93.8	0.009	391.0	0.039	2.70
BM-00015           BM-00016           BM-00017           BM-00018           BM-00019           BM-00021	460951 461110.289		4489	N - Pucamachay	0.2		0.5	0.52	47.0	0.005	575-3	0.058	14000.0	1.400	22.84
BM-00016           BM-00017           BM-00018           BM-00019           BM-00021	461110.289	8597595	4485	N - Pucamachay	0.25		0.5	0.11	89.7	0.009	60.0	0.006	182.0	0.018	
BM-00017 BM-00018 BM-00019 BM-00021 BM-00022		8597524	4463	N - Pucamachay	0.25		0.5	0.2	104.1	0.010	85.3	0.009	947.0	0.095	14.22
BM-00018 BM-00019 BM-00021 BM-00022		8597542.358	4485	N - Pucamachay	0.2		0.5	0.06	4.6	0.000	198.8	0.020	6434.0	0.643	2.10
BM-00019 BM-00021 BM-00022	461119.222	8597546.001	4473	N - Pucamachay	0,5 x 0,5		0.5	0.17	96.5	0.010	24.2	0.002	56.0	0.006	9.41
BM-00021 BM-00022	461191	8597611	4443	N - Pucamachay	1,0 X 1,0		0.5	0.15	5.1	0.001	534.4	0.053	148.0	0.015	3.15
BM-00022	461180	8597598	4455 4482	N - Pucamachay N - Pucamachay	1,0 X 1,0		0.5	0.16	4.1 180.9	0.000	422.2	0.042	6322.0	0.632 0.005	
	461255	8597534			1		0.5	0.02	-	0.018	16.9	0.002	52.0	-	2.05
BM-00023	461256.423 461234	8597533.873 8597538	4483 4487	N - Pucamachay N - Pucamachay	1,0 X 1,0		0.5 0.5	0.02	60.8 47-3	0.006	4.4	0.000	69.0 115.0	0.007	2.02
BM-00023 BM-00024	461234 461247	8597536	440/	N - Pucamachay	0.4		0.5	0.02	4/-3	0.005	7.0 88.0	0.001	24.0	0.012	3.44 3.42
BM-00024 BM-00025	461269	8597557	4465	N - Pucamachay	0.6		0.5	0.3/	392.2	0.039	9.1	0.009	90.0	0.002	3.60
BM-00025	461318	8597619	4445	N - Pucamachay	1,0 X 1,0		0.5	0.33	829.6	0.039	21.8	0.002	90.0 65.0	0.009	25.39
BM-00027	461377	8597773	4423	N - Pucamachay	1,0 x 1,0		0.5	0.03	24.7	0.003	8.5	0.002	42.0	0.004	3.69
BM-00028	461389	8597566	4487	N - Pucamachay	1		0.5	0.02	39.6	0.004	15.8	0.002	50.0	0.005	7.41
BM-00029	461390	8597566	4486	N - Pucamachay	0.3		0.5	0.02	174.0	0.017	19.8	0.002	125.0	0.013	2.87
BM-00031	461407	8598128	4276	N - Pucamachay	0.6		0.5	0.01	8.2	0.001	4.6	0.000	48.0	0.005	0.62
BM-00032	461134	8597123	4520	Pucamachay	0.25		0.5	0.1	6.8	0.001	56.1	0.006	53.0	0.005	1.76
BM-00033	461134	8597123	4520	Pucamachay	0.35		0.5	1.01	482.8	0.048	1086.1	0.109	115.0	0.012	11.07
BM-00034	461134	8597123	4520	Pucamachay	0.25		0.5	0.24	9.3	0.001	154.5	0.015	32.0	0.003	1.64
BM-00035	461268	8597573	4565	N - Pucamachay	1,0 x 1,0		0.5	0.12	9.6	0.001	20600.0	2.060	15000.0	1.500	2.39
BM-00036	461261	8597565	4454	N - Pucamachay	0.2		0.5	0.21	4.2	0.000	1239.0	0.124	98.0	0.010	3.77
BM-00037	461213	8597591	4440	N - Pucamachay	0.6		0.5	0.45	73.4	0.007	1290.1	0.129	15500.0	1.550	6.29
BM-00038	461214	8597595	4443	N - Pucamachay	0.4		0.5	0.19	8.1	0.001	690.6	0.069	3973.0	0.397	4.40
BM-00039	461153	8597619	4433	N - Pucamachay	0.4		0.5	0.03	13.0	0.001	24.3	0.002	63.0	0.006	4.76
	461152.049	8597609.583	4469	N - Pucamachay	0.25		0.5	0.21	41.9	0.004	409.1	0.041	373.0	0.037	32.29
BM-00042	459747	8597439	4382	Yanacollpa	1,0 x 1,0		0.5	0.05	3.9	0.000	90.2	0.009	301.0	0.030	2.86
BM-00043	459954	8597707	4286	Yanacollpa	1,0 X 1,0		0.5	0.16	1119.1	0.112	59.2	0.006	282.0	0.028	7.55
BM-00044	459934	8597714	4294	Yanacollpa	0.60		0.5	0.03	19.3	0.002	6.9	0.001	53.0	0.005	2.03
BM-00045	459935	8597709	4294	Yanacollpa	1,0 X 1,0		0.5	0.03	79.6	0.008	13.1	0.001	50.0	0.005	1.45
BM-00046	459795	8597121	4437	Yanacollpa	1,0 X 1,0		0.5	0.05	4.9	0.000	11.8	0.001	119.0	0.012	1.61
BM-00047 BM-00048	460040 460066	8597001	4260	Yanacollpa Yanacollpa	1,0 X 1,0		0.5	0.08 0.16	208.3	0.021 0.108	45.7	0.005	98.0	0.010	2.21
BM-00048 BM-00049	460269	8597051 8597273	4255 4114	Yanacolipa	1,0 x 1,0 0.40		0.5 0.5	0.16	1079.8 21.5	0.002	264.2 432.7	0.026	443.0 716.0	0.044	4.12
BM-00049 BM-00051	460300	8597266	4099	Yanacolipa	0.40		0.5	0.01	53.4	0.002	452-7	0.045	45.0	0.005	1.52
BM-00052	459864	8596872	4394	Yanacolipa	0.20		10	0.45	4428.2	0.443	10.8	0.000	125.0	0.003	5.08
BM-00053	460390	8596828	4094	Yanacolipa	1,0 X 1,0		0.5	0.07	71.7	0.007	82.0	0.008	910.0	0.091	3.53
BM-00054	460386	8596835	4101	Yanacollpa	1,0 X 1,0		0.5	0.15	82.9	0.007	1134.6	0.113	7834.0	0.783	4.51
BM-00055	460336	8596538	4110	Yanacolipa	1.00		0.5	0.1	985.8	0.000	56.2	0.006	1005.0	0.101	11.59
BM-00056	459316	8595813	4446	Puymanpata	0.20		0.5	0.97	5746.8	0.575	6.4	0.001	140.0	0.014	2.55
BM-00057	459313.05	8595815.4	4447	Puymanpata	0.40		0.5	1.08	9604.7	0.960	5.1	0.001	117.0	0.012	2.22
BM-00058	459314	8595816	4447	Puymanpata	0.80		0.5	0.94	8818.7	0.882	3.2	0.000	122.0	0.012	1.94
BM-00059	459315	8595817	4448	Puymanpata	0.50		0.5	1.43	12630.0	1.263	4.8	0.000	132.0	0.013	1.86
BM-00061	458792	8596412	4620	W - Puymanpata	0.10		10	2.84	175.6	0.018	455-3	0.046	313600.0	31.360	33.91
BM-00062	458790	8596411	4628	W - Puymanpata	0.30		19	0.79	46.6	0.005	113.4	0.011	5024.0	0.502	6.38
BM-00063	458820	8596536	4660	W - Puymanpata	0.60		3	0.2	20.2	0.002	101.3	0.010	2798.0	0.280	5.75
BM-00064	459232	8597048	4666	W - Yanacollpa	0.30		2	0.02	22.7	0.002	14.9	0.001	169.0	0.017	1.92
BM-00065	459285	8597072	4643	W - Yanacollpa	0.40		2	0.18	77.4	0.008	211.9	0.021	578.0	0.058	
BM-00066	458660	8596214	4554	W - Puymanpata	0.10		24	2.15	20.3	0.002	3844.3	0.384	13500.0	1.350	
BM-00067	459280.84	8595793.2	4435	Puymanpata	0.40		2	0.01	800.9	0.080	25.0	0.003	140.0	0.014	1.49
BM-00068	459281	8595793	4435	Puymanpata	0.10		5	1.99	24020.0	2.402	19.7	0.002	102.0	0.010	
BM-00069	459281	8595793	4435	Puymanpata	0.30		3	0.02	1820.1	0.182	10.4	0.001	88.0	0.009	3.51
BM-00696	461066 461066	8596888	4557	North-East Yanacollpa	1.00 X 1.00 1.00 X 1.00		6	0.18	17.6	0.002	790.1	0.079	176600.0	17.660	
BM-00697 BM-00698	461066	8596914 8596941	4550 4548	North-East Yanacollpa North-East Yanacollpa	1.00 X 1.00 1.00 X 1.00		5	0.93	12.0 12.8	0.001	961.9 824.2	0.096	12100.0 3585.0	1.210 0.359	17.95
BM-00698 BM-00699	461070	8597120	4540	North-East Yanacollpa	1.00 X 1.00 1.00 X 0.20		4	0.09	8.9	0.001	834.2 12.4	0.003	3505.0 1505.0	0.359	-
BM-00699 BM-00701	461056	8597098	4510	Yanacollpa	1.00 X 0.20		ک -	0.09	0.9 180.1	0.001	12.4	0.001	683.0	0.068	
BM-00701 BM-00702	461030	8596834	4493	Yanacollpa - Pucamachay	1.00 X 1.00		5	0.30	9.2	0.013	38.3	0.004	1092.0	0.008	
BM-00702 BM-00703	461022	8597061	4559	North-East Yanacollpa	1.00 X 1.00		4	0.03	9.2 321.6	0.032	30.3 79.3	0.004	537.0	0.054	
BM-00703 BM-00704	461020	8597041	4523	North-East Yanacollpa	0.30 X 0.20		3	0.03	22.8	0.032	79-3 84.4	0.008	439.0	0.054	
BM-00705	460937	8596789	4525	Yanacollpa	1.00 X 0.20		4	0.03	5.9	0.002	10.1	0.000	198.0	0.044	3.93
BM-00706	460957	8596936	4521	Yanacolipa	1.00 X 0.20		4	0.03	192.6	0.001	24.7	0.002	237.0	0.020	19.61
BM-00707	461031	8596873	4540	Yanacolipa	1.00 X 1.00		3	0.02	48.3	0.005	7.3	0.001	130.0	0.013	2.05
BM-00708	461083	8596081	4422	Pucamachay - Chuje	1.00 X 1.00		4	0.02	7.1	0.001	63.1	0.006	94.0		





## Appendix 2: Assay Tables Au, Ag, Cu, Pb, Zn and Mo continued.

	San	ple Location			Sampling	Total	Au	Ag	Cu	Cu	Pb	Pb	Zn	Zn	Мо
Sample		INATES	1	Target Area	dimensions	width	FAI313	ICM40BR	ICM40BR	AAS41B	ICM40BR	AAS41B	ICM40BR	CON21B	ICM40BR
Number	E_WGS84	N WGS84	Height	langeerinea	(m)	(m)	PPB	PPM	PPM	%	PPM	%	PPM	%	PPM
BM-00709	461084	8596116	4412	Pucamachay	1.00 x 1.00	. ,	3	0.03	39.9	0.004	20.8	0.002	110.0	0.011	4.52
BM-00711	461085	8596129	4414	Pucamachay	1.00 X 1.00		4	0.01	84.7	0.008	10.3	0.001	118.0	0.012	3.17
BM-00712	461065	8596185	4453	Pucamachay	0.20 X 0.20		3	0.18	5.8	0.001	71.2	0.007	3053.0	0.305	6.62
BM-00713	461061	8596232	4465	Pucamachay	0.20 X 0.20		6	2.14	31.5	0.003	5212.4	0.521	1520.0	0.152	57.42
BM-00714 BM-00715	461045 461074	8596170 8596065	4430 4421	Pucamachay Pucamachay	1.00 X 1.00 0.30 X 0.20		6	3.29 0.62	16.0 16.1	0.002	4558.7 1965.8	0.456 0.197	1569.0 6597.0	0.157	8.53 14.13
BM-00715 BM-00716	461057	8596055	4425	Pucamachay	0.30 X 0.20		9	0.69	18.3	0.002	2519.1	0.252	5976.0	0.598	64.04
BM-00717	461066	8596046	4423	Pucamachay	1.00 X 1.00		3	0.36	11.0	0.001	1757.4	0.176	8127.0	0.813	12.50
BM-00718	461048	8596054	4436	Pucamachay	0.30 x 0.20		3	0.2	4.8	0.000	38.1	0.004	103.0	0.010	0.95
BM-00719	461082	8596073	4410	Pucamachay	0.30 x 0.20		3	0.06	10.3	0.001	114.3	0.011	2639.0	0.264	19.24
BM-00721	461081	8596079	4419	Pucamachay	0.30 x 0.20		3	0.09	5.3	0.001	28.3	0.003	315.0	0.032	1.69
BM-00722 BM-00723	461068 461031	8596856 8596824	4555	Pucamachay Yanacollpa	0.60 x 0.20 0.30 x 0.20		3	0.07	4.9 6.0	0.000	6.7 29.1	0.001	230.0 465.0	0.023	2.26
BM-00723 BM-00724	461031	8596727	4539 4536	Yanacolipa	0.50 X 0.20		3	0.04	4.9	0.001	14.0	0.003	149.0	0.047	1.74
BM-00725	461008	8596684	4535	Yanacollpa	0.35 X 0.20		3	0.04	8.3	0.001	32.9	0.003	245.0	0.025	17.62
BM-00726	460970	8596679	4505	Yanacollpa	0.50 x 0.20		3	0.01	49.6	0.005	12.1	0.001	646.0	0.065	10.49
BM-00727	461089	8596803	4560	Pucamachay	1.00 x 1.00		5	0.77	23.1	0.002	1173.7	0.117	1343.0	0.134	34.34
BM-00728	461097	8596746	4558	Pucamachay	1.00 X 1.00		4	0.01	44.3	0.004	12.4	0.001	100.0	0.010	5.19
BM-00729	461070	8596821	4564	Pucamachay	1.00 X 1.00		3	0.06	6.8	0.001	148.6	0.015	12400.0	1.240	
BM-00731 BM-00732	461079 461064	8596626	4544	Pucamachay Pucamachay	1.00 X 1.00 1.00 X 1.00		4	0.12	17.7 63.3	0.002	151.5 2076.9	0.015 0.208	1433.0 13500.0	0.143	21.13
BM-00732 BM-00733	461064	8596643 8596655	4561 4563	Pucamachay	1.00 X 1.00 0.30 X 0.20		5	0.17	5.6	0.006	7815.2	0.208	13500.0	1.350	35.98 54.23
BM-00734	461064	8596696	4566	Pucamachay	1.00 X 1.00		2	0.38	6.0	0.001	325.5	0.033	2726.0	0.273	19.40
BM-00735	461075	8596706	4566	Pucamachay	1.00 X 0.20		3	0.35	14.3	0.001	835.5	0.084	9465.0	0.947	66.45
BM-00736	461070	8596589	4546	Pucamachay	0.50 x 0.20		3	0.36	7.6	0.001	7396.9	0.740	8347.0	0.835	20.28
BM-00737	461050	8596521	4538	Pucamachay	1.00 X 1.00		3	0.1	14.7	0.001	505.0	0.051	8842.0	0.884	26.13
BM-00738	461038	8596490	4533	Pucamachay	1.00 X 1.00		5	0.13	5.4	0.001	270.7	0.027	4050.0	0.405	15.97
BM-00739 BM-00741	461062 461013	8596472 8596372	4523	Pucamachay Pucamachay	1.00 X 1.00 0.35 X 0.20		3	0.09	8.9 15.2	0.001	328.3 2538.1	0.033 0.254	6016.0 9782.0	0.602	15.12 14.98
BM-00741 BM-00742	461059	8596524	4523 4537	Pucamachay	1.00 X 1.00		2	0.82	47.3	0.002	1136.3	0.254	2879.0	0.288	23.09
BM-00743	461095	8596571	4531	Pucamachay	1.00 X 1.00		4	0.22	21.3	0.002	2804.0	0.280	3643.0	0.364	46.50
BM-00744	461079	8596568	4545	Pucamachay	0.50 x 0.20		3	0.22	19.6	0.002	1166.1	0.117	5015.0	0.502	48.68
BM-00745	461088	8596530	4517	Pucamachay	1.00 X 1.00		3	0.01	93.6	0.009	284.8	0.028	1792.0	0.179	10.94
BM-00746	461094	8596492	4503	Pucamachay	0.30 x 0.20		3	0.02	24.0	0.002	10.2	0.001	141.0	0.014	11.83
BM-00747	461085	8596480	4504	Pucamachay	1.00 X 1.00		4	0.01	94.1	0.009	82.0	0.008	1009.0	0.101	50.30
BM-00748 BM-00749	461084	8596460	4498	Pucamachay Pucamachay	0.35 x 0.20		3	0.01	136.4	0.014	32.9 100.4	0.003	<b>1875.0</b> 889.0	0.188 0.089	
BM-00749 BM-00751	461088 459570	8596405 8595572	4476 4355	Puymanpata	0.30 x 0.20 0.35 x 0.20		3	0.03	75.8 1536.1	0.008 0.154	82.0	0.010	132.0	0.039	10.98 5.39
BM-00752	459379	8596841	4556	W - Yanacollpa	1.00 x 0.80		ر ۲	0.01	46.4	0.005	27.2	0.003	95.0	0.010	4.47
BM-00753	459199	8596837	4673	W - Yanacollpa	0.95 X 0.20		5	0.06	11.7	0.001	31.4	0.003	233.0	0.023	0.92
BM-00754	459206	8596544	4580	W - Yanacollpa	0.65 x 0.20		4	0.06	4.0	0.000	44.3	0.004	236.0	0.024	1.22
BM-00755	459166	8596592	4606	W - Yanacollpa	0.90 x 0.20		5	1.94	21.7	0.002	1877.4	0.188	32700.0	3.270	2.91
BM-00756	458866	8596598	4667	W - Yanacollpa	0.65 x 0.20		4	0.12	4.2	0.000	10.1	0.001	460.0	0.046	2.42
BM-00757 BM-00758	458991 458990	8596979 8596979	4653 4638	W - Yanacollpa W - Yanacollpa	0.85 x 0.20 0.60 x 0.20		2	0.01	24.4 23.1	0.002	22.4	0.002	235.0	0.024	10.80 2.48
BM-00759	458990	8596978	4638	W - Yanacolipa	0.65 x 0.20		2	0.01	23.1	0.002	7.9	0.001	130.0	0.012	3.31
BM-00761	458974	8596985	4634	W - Yanacollpa	1.10 X 0.20		4	0.13	46.3	0.005	11.2	0.001	109.0	0.011	7.04
BM-00762	458974	8596985	4634	W - Yanacollpa	0.45 x 0.20		3	0.02	102.7	0.010	23.8	0.002	303.0	0.030	10.59
BM-00763	458983	8596846	4681	W - Yanacollpa	1.00 x 1.00		4	0.13	5.5	0.001	8.8	0.001	696.0	0.070	1.90
BM-00764	458821	8596389	4636	W - Yanacollpa	1.10 x 0.20		6	0.2	12.9	0.001	88.3	0.009	3052.0	0.305	8.60
BM-00765	461600	8595516	4325	Pucamachay	0.50 X 0.20		4	3.44	12650.0	1.265	190.4	0.019	85.0	0.009	4.10
BM-00766 BM-00767	461599	8595526	4323	Pucamachay	0.35 x 0.20 1.00 x 1.00		4	2.21	27720.0	2.772	182.0	0.018	82.0	0.008	5.34
BM-00767 BM-00768	461626 461594	8595542 8595565	4349 4346	Pucamachay Pucamachay	1.00 X 1.00 1.00 X 1.00		3	0.63	367.1 88.8	0.037	52.0 87.3	0.005	71.0 61.0	0.007	9.35 4.35
BM-00769	461594	8595571	4349	Pucamachay	1.00 X 1.00		د م	0.01	135.6	0.009	60.9	0.009	56.0	0.006	3.77
BM-00771	461089	8596362	4450	Chuje	0.40 x 0.20		8	0.06	22.5	0.002	296.4	0.030	4420.0	0.442	
BM-00772	461090	8596310	4442	Chuje	0.40 x 0.20		3	0.19	19.6	0.002	347900.0	34.790	63300.0	6.330	151.91
BM-00773	461080	8595962	4393	Chuje	0.20 X 0.20		14	1.32	34.5	0.003	2167.5	0.217	15200.0	1.520	
BM-00774	461092	8595907	4383	Chuje	1.00 X 1.00		2	0.13	13.3	0.001	689.1	0.069	1385.0	0.139	
BM-00775	461078 461072	8595883	4386 4388	Chuje Chuje	0.30 x 0.20 1.00 x 1.00		2	0.12	16.3	0.002	59.8	0.006	1806.0	0.181	
BM-00776 BM-00777	461072	8595857 8595845	4300	Chuje	1.00 X 1.00		120	0.03	44.7 71.2	0.004	1273.7	0.006	<b>9955.0</b> 195.0	0.020	
BM-00778	461107	8595787	4398	Chuje	6.00 x 2.00		2	0.03	54.8	0.007	55.2 23.3	0.000	195.0	0.020	
BM-00779	461076	8595759	4368	Chuje	0.50 X 0.20		1	0.05	82.6	0.005	29.6	0.002	97.0	0.010	3.14
BM-00781	460929	8595671	4359	Chuje	0.30 x 0.20		0.5	2.21	10090.0	1.009	8.2	0.001	89.0	0.009	3.13
BM-00782	460905	8595665	4349	Chuje	1.00 X 1.00		1	0.15	127.8	0.013	48.2	0.005	68.0	0.007	2.57
BM-00783	460734	8595826	4339	Chuje	0.30 x 0.20		0.5	0.01	16.9	0.002	28.5	0.003	396.0	0.040	1.69
BM-00784	460842	8595651	4303	Chuje	0.20 X 0.20		0.5	0.01	92.5	0.009	12.8	0.001	68.0	0.007	3.17
BM-00785	460843	8595652	4303	Chuje	1.00 X 0.20	1.90	2	0.01	55-3	0.006	10.7	0.001	98.0	0.010	2.03
BM-00786 BM-00787	460844 460830	8595652 8595602	4303 4294	Chuje Chuje	0.70 x 0.20 0.90 x 0.20		0.5	0.01	43.7 86.3	0.004	10.3 33.8	0.001	63.0 74.0	0.006	4.55 3.88
BM-00787 BM-00788	460805	8595517	4294 4281	Chuje	0.30 x 0.20		0.5 R	0.03	96.5	0.009	33.0 21.9	0.003	74.0 69.0	0.007	3.00
	460888	8595439	4291	Chuje	1.00 X 1.00	1	2	0.02	898.3	0.090	6.3	0.001	79.0	0.008	6.97
BM-00789	400000		44.91		1.00 × 1.00			0.02	090.5	0.090	0.5	0.001	/9.0		





## Appendix 2: Assay Tables Au, Ag, Cu, Pb, Zn and Mo continued.

	San	ple Location			Sampling	Total	Au	Ag	Cu	Cu	Pb	Pb	Zn	Zn	Мо
Sample Number	COORE	DINATES	Haidat	Target Area	dimensions	width	FAI313	ICM40BR	ICM40BR		ICM40BR		ICM40BR	CON21B	
Number	E_WGS84	N_WGS84	Height		(m)	(m)	PPB	PPM	PPM	%	PPM	%	PPM	%	PPM
BM-00792	460852	8595448	4262	Chuje	3.00 x 0.80		25	0.04	1488.2	0.149	12.1	0.001	61.0	0.006	2.17
BM-00793	461611	8595518	4340	Pucamachay	0.40 X 0.20		3	0.57	2777.9	0.278	42.3	0.004	29.0	0.003	12.52
BM-00794 BM-00795	461576 461582	8595525 8595523	4328 4328	Pucamachay Pucamachay	0.30 x 0.20 0.75 x 0.20		3	2.28	11 <mark>530.0</mark> 13 <mark>510.0</mark>	1.153	62.4	0.006	75.0	0.008	2.31
BM-00795 BM-00796	461568	8595499	4319	Pucamachay	0.50 x 0.20		3	0.82	19290.0	1.351 1.929	<u>33-5</u> 18.0	0.003	29.0	0.003	6.12
BM-00797	461570	8595518	4327	Pucamachay	0.40 x 0.20		2	1.27	18950.0	1.895	42.3	0.004	62.0	0.006	5.60
BM-00798	461581	8595548	4338	Pucamachay	0.40 x 0.20		6	2.84	27570.0	2.757	120.8	0.012	61.0	0.006	5.56
BM-00799	461583	8595531	4331	Pucamachay	1.00 X 1.00		2	1.34	8283.0	0.828	81.5	0.008	67.0	0.007	5.88
BM-00803	460755	8597266	4343	Antacocha I North-East	0.50 X 0.20		0.5	0.04	49.9	0.005	53.6	0.005	249.0	0.025	1.20
BM-00804 BM-00805	461421 461458	8597924 8597942	4354 4346	Antacocha I North-East Antacocha I North-East	0.25 x 0.20 0.50 x 0.20		0.5	0.02	9.6 17.7	0.001	21.9	0.002	362.0 409.0	0.036	2.59 2.94
BM-00806	461035	8597862	4295	Antacocha I North-East	1.00 x 0.80		2	0.00	37.4	0.002	9.1	0.001	144.0	0.041	10.42
BM-00807	460932	8597801	4277	Antacocha I North-East	0.30 x 0.20		0.5	0.07	33.8	0.003	12.5	0.001	22.0	0.002	7.51
BM-00808	460582	8597436	4280	Antacocha I North-East	0.30 x 0.20		1	0.09	9.6	0.001	4.7	0.000	19.0	0.002	2.75
BM-00809	460942	8597495	4409	Antacocha I North-East	0.80 x 0.20		2	0.28	86.7	0.009	216.3	0.022	3168.0	0.317	96.25
BM-00811	460791	8597754	4327	Antacocha I North-East	0.60 x 0.20		2	0.04	13.6	0.001	8.8	0.001	93.0	0.009	1.49
BM-00812 BM-00813	461015 461030	8597835 8597859	4309 4303	Antacocha I North-East Antacocha I North-East	0.35 x 0.20 0.50 x 0.20		2	0.04	92.0 202.9	0.009	22.9 7.9	0.002	38.0 0.5	0.004	7.60 29.84
BM-00814	460659	8597440	4327	Antacocha I North-East	0.60 x 0.20		2	0.07	19.2	0.020	7.9 14.4	0.001	259.0	0.000	29.04
BM-00815	460975	8597184	4455	Antacocha I North-East	0.30 x 0.20		0.5	0.09	7.2	0.001	13.7	0.001	322.0	0.032	6.39
BM-00816	461024	8597329	4448	Antacocha I North-East	0.20 X 0.25		4	2.34	30.5	0.003	3267.5	0.327	98.0	0.010	
BM-00817	460976	8597312	4939	Antacocha I North-East	1.00 X 1.20		1	0.07	3.9	0.000	20.7	0.002	86.0	0.009	2.26
BM-00818	460863	8597204	4414	Antacocha I North-East	1.00 X 1.00		3	0.87	48.9	0.005	1060.9	0.106	215.0	0.022	12.77
BM-00819 BM-00821	460575 461604	8597182	4230	Antacocha I North-East Pucamachay	0.70 X 0.20		0.5	0.08	25.6 736.7	0.003	60.2	0.006	21.0	0.002	15.14 8.07
BM-00821 BM-00822	461612	8595569 8595542	4351 4345	Pucamachay	0.35 x 0.20 0.35 x 0.20		5	1.22 3.93	12 <mark>730.0</mark>	0.074 1.273	53.3 229.8	0.005	45.0 522.0	0.005	10.85
BM-00823	461617	8595554	4350	Pucamachay	0.60 X 0.20		2	0.84	1793.3	0.179	32.3	0.003	77.0	0.008	11.18
BM-00824	461961	8595164	4381	Pucamachay	0.55 x 0.20		6	0.44	356.1	0.036	64.9	0.006	199.0	0.020	2.29
BM-00825	461926	8594963	4306	Pucamachay	0.50 x 0.20		2	1.09	7387.0	0.739	161.1	0.016	442.0	0.044	2.77
BM-00826	461937	8594913	4330	Pucamachay	0.55 x 0.20		0.5	0.3	64.8	0.006	176.6	0.018	151.0	0.015	6.62
BM-00827 BM-00828	461636	8595562	4356	Pucamachay	0.35 x 0.20		3	2.23	950.8 268.6	0.095	71.0 68.9	0.007	70.0 58.0	0.007	22.93
BM-00828 BM-00829	461621 461619	8595570 8595572	4355 4356	Pucamachay Pucamachay	0.85 x 0.20 0.80 x 0.80		2	1.1 0.8	120.2	0.027	64.3	0.007	56.0	0.006	6.39 8.22
BM-00831	461571	8595542	4331	Pucamachay	0.35 X 0.20		3	1.66	17930.0	1.793	106.2	0.000	68.0	0.007	4.91
BM-00832	461368	8595625	4321	Pucamachay	0.35 x 0.20		0.5	1.24	113.0	0.011	499-3	0.050	117.0	0.012	24.71
BM-00833	461620	8595711	4400	Pucamachay	1.00 x 0.80		3	0.01	90.8	0.009	18.5	0.002	36.0	0.004	5.25
BM-00834	461599	8595712	4394	Pucamachay	0.60 x 0.20		6	0.01	455.2	0.046	106.1	0.011	117.0	0.012	3.40
BM-00835	461582	8595715	4395	Pucamachay	0.40 x 0.20		7	0.01	1055.6	0.106	64.5	0.006	201.0	0.020	5.45
BM-00836 BM-00837	461561 461638	8595722 8595745	4401 4417	Pucamachay Pucamachay	0.55 x 0.20 0.85 x 0.80		4	0.01	95.7 165.7	0.010	34.9 20.4	0.003	58.0 62.0	0.006	5.80 7.52
BM-00838	461655	8595772	4430	Pucamachay	0.37 X 0.20		0.5	0.01	52.1	0.005	8.4	0.002	52.0	0.005	7.12
BM-00839	461655	8595771	4430	Pucamachay	0.75 x 0.20		0.5	0.37	56.4	0.006	10.5	0.001	58.0	0.006	4.53
BM-00841	461485	8595823	4390	Pucamachay	0.70 x 0.20		2	0.46	367.9	0.037	69.1	0.007	55.0	0.006	93.76
BM-00842	461465	8595860	4394	Pucamachay	0.80 x 0.65		2	5.29	488.5	0.049	120.5	0.012	31.0	0.003	40.19
BM-00843	461493	8595861	4401	Pucamachay	0.80 x 0.80		1	0.01	169.6	0.017	28.1	0.003	0.5	0.000	3.93
BM-00844 BM-00845	461589 461543	8595867 8595944	4430 4402	Pucamachay Pucamachay	0.80 x 0.80 0.75 x 0.20		5	0.01	116.7 115.4	0.012	118.8 56.0	0.012	36.0 229.0	0.004	7.38 5.53
BM-00846	461531	8595962	4402	Pucamachay	0.65 x 0.20		. 1	0.03	54.2	0.005	4.2	0.000	166.0	0.023	3.05
BM-00847	461692	8596715	4505	Pucamachay	0.65 x 0.20		2	0.02	48.1	0.005	10.4	0.001	164.0	0.016	
BM-00848	461792	8596824	4509	Pucamachay	0.40 x 0.20		3	1.47	215.0	0.022	2241.7	0.224	777.0	0.078	98.92
BM-00849	461650	8596840	4536	Pucamachay	0.35 x 0.20		3	0.02	59.6	0.006	39-3	0.004	159.0	0.016	15.96
BM-00851	460108	8595292	4312	Zona NE-Puymanpata	1.00 X 1.00		3	0.01	64.3	0.006	24.7	0.002	121.0	0.012	2.55
BM-00852 BM-00853	459692	8595389 8595573	4362 4290	Zona NE-Puymanpata Zona NE-Puymanpata	0.90 x 0.20 0.40 x 0.20		2	0.09	49.5 204.6	0.005	7.9 330.5	0.001	13.0 429.0	0.001	6.23 19.27
BM-00854	459894 459893	8595573 8595574	4290	Zona NE-Puymanpata	0.40 x 0.20 0.50 x 0.20		0.5	0.16	95.8	0.020	330.5 99.3	0.033	429.0 8104.0	0.043	8.09
BM-00855	459739	8595070	4337	Zona NE-Puymanpata	1.00 X 1.00		2	0.01	26.5	0.003	19.0	0.002	142.0	0.014	1.55
BM-00856	459780	8595130	4329	Zona NE-Puymanpata	0.50 x 0.50		2	0.01	35.8	0.004	40.6	0.004	297.0	0.030	2.39
BM-00857	459906	8594974	4315	Zona NE-Puymanpata	1.00 X 1.00		9	0.01	52.8	0.005	71.6		274.0	0.027	1.80
BM-00858	459825	8595053	4322	Zona NE-Puymanpata	0.40 x 0.20		3	0.27	106.3	0.011	8.3	0.001	13.0	0.001	3.13
BM-00859 BM-00861	459633 459666	8595691 8595706	4360 4358	Zona NE-Puymanpata Zona NE-Puymanpata	1.00 X 1.00 0.20 X 0.20		2	0.05	21.6 4055.6	0.002 0.406	9.8	0.001	438.0 83.0	0.044	
BM-00862	459606	8595690	4343	Zona NE-Puymanpata	1.00 X 1.00		2	0.49 0.01	4055.0	0.005	174.0 16.8	0.002	146.0	0.008	17.33 2.93
BM-00863	459680	8595683	4342	Zona NE-Puymanpata	0.20 X 0.20		3	1.4	404.7	0.040	470.6	0.002	70.0	0.007	
BM-00864	459677	8595678	4333	Zona NE-Puymanpata	0.60 x 0.60		4	0.01	58.9	0.006	111.2	0.011	88.0	0.009	
BM-00865	459753	8595674	4322	Zona NE-Puymanpata	0.60 x 0.60		2	0.04	23.6	0.002	8.5	0.001	130.0	0.013	4.49
BM-00866	459778	8595674	4332	Zona NE-Puymanpata	0.60 x 0.20		2	0.11	109.7	0.011	144.8	0.014	85.0	0.009	5.97
BM-00867	459789	8595663	4321	Zona NE-Puymanpata	1.00 X 1.00		3	0.01	41.0	0.004	61.7	0.006	93.0	0.009	
BM-00868 BM-00869	459845	8595626 8595626	4304 4304	Zona NE-Puymanpata Zona NE-Puymanpata	0.70 x 0.20 0.50 x 0.20	1.20	3	0.11 0.13	358.0 86.2	0.036	219.7	0.022	11400.0 12000.0	1.140 1.200	32.62 15.09
BM-00869 BM-00871	459846 460576	8597172	4304	Antacocha I North-East	0.50 x 0.20 0.50 x 0.20		2	0.13	48.0	0.009	137.2	0.021	70.0	0.007	
BM-00872	460567	8597169	4240	Antacocha I North-East	1.00 X 0.90		0.5	0.01	67.7	0.007	38.6	0.004	62.0	0.006	5.44
BM-00873	460556	8597168	4240	Antacocha I North-East	0.30 x 0.20		0.5	0.01	16.6	0.002	3.3	0.000	59.0	0.006	
BM-00874	460556	8597167	4240	Antacocha I North-East	0.50 x 0.20		0.5	0.01	14.4	0.001	6.1	0.001	66.0	0.007	2.29
BM-00875	460600	8597118	4267	Antacocha I North-East	0.70 x 0.20		0.5	0.01	39.5	0.004	141.6	0.014	55.0	0.006	15.80

Page21



## Appendix 2: Assay Tables Au, Ag, Cu, Pb, Zn and Mo continued.

Comple	San	nple Location			Sampling	Total	Au	Ag	Cu	Cu	Pb	Pb	Zn	Zn	Мо
Sample Number	COORE	DINATES		Target Area	dimensions	width	FAI313	ICM40BR	ICM40BR	AAS41B	ICM40BR	AAS41B	ICM40BR	CON21B	ICM40BR
Number	E_WGS84	N_WGS84	Height	-	(m)	(m)	PPB	PPM	PPM	%	PPM	%	PPM	%	PPM
BM-00876	460594	8597137	4267	Antacocha I North-East	0.50 x 0.20		0.5	0.01	67.1	0.007	1083.3	0.108	2253.0	0.225	16.56
BM-00877	460562	8597140	4255	Antacocha I North-East	0.45 x 0.20		0.5	0.04	59.9	0.006	113.6	0.011	52.0	0.005	9.67
BM-00878	460880	8597022	4455	Antacocha I North-East	0.30 x 0.20		1	0.07	12.9	0.001	35.6	0.004	119.0	0.012	13.57
BM-00879	460864	8596966	4446	Antacocha I North-East	0.70 x 0.20		1	0.13	7.4	0.001	6.1	0.001	32.0	0.003	0.97
BM-00881	460829	8596805	4379	Antacocha I North-East	0.50 x 0.20		1	0.15	51.5	0.005	21.5	0.002	33.0	0.003	10.77
BM-00882	460814	8596809	4368	Antacocha I North-East	0.50 x 0.20		0.5	0.07	11.3	0.001	9.3	0.001	37.0	0.004	4.26
BM-00883	460800	8596827	4362	Antacocha I North-East	0.30 x 0.25		0.5	0.05	327.5	0.033	16.5	0.002	88.0	0.009	5.47
BM-00884	460794	8596848	4362	Antacocha I North-East	0.60 x 0.20		0.5	0.02	138.2	0.014	12.8	0.001	82.0	0.008	4.56
BM-00885	460723	8596831	4313	Antacocha I North-East	1.00 X 1.00		3	0.07	11.2	0.001	20.6	0.002	48.0	0.005	2.47
BM-00886	460736	8596844	4321	Antacocha I North-East	0.60 x 0.20		7	1.2	59.9	0.006	3344.4	0.334	107.0	0.011	23.30
BM-00887	460739	8596765	4283	Antacocha I North-East	0.50 x 0.20		0.5	0.08	139.9	0.014	14.9	0.001	58.0	0.006	3.27
BM-00888	460764	8596778	4308	Antacocha I North-East	0.70 x 0.20		0.5	0.21	213.2	0.021	52.5	0.005	49.0	0.005	5.88
BM-00889	460737	8596761	4307	Antacocha I North-East	0.70 x 0.20		0.5	0.02	30.9	0.003	12.7	0.001	66.0	0.007	4.18
BM-00891	460721	8596736	4313	Antacocha I North-East	0.25 x 0.20		0.5	0.24	176.6	0.018	277.7	0.028	26.0	0.003	18.59
BM-00892	460703	8596731	4308	Antacocha I North-East	0.30 x 0.25		2	0.01	993.8	0.099	22.4	0.002	39.0	0.004	7.61
BM-00893	460698	8596738	4303	Antacocha I North-East	0.30 x 0.25		2	0.01	111.6	0.011	49.3	0.005	35.0	0.004	6.84
BM-00894	460697	8596743	4269	Antacocha I North-East	0.20 x 0.25		3	1.07	216.7	0.022	2601.7	0.260	231.0	0.023	27.88
BM-00895	460694	8596761	4253	Antacocha I North-East	0.30 x 0.25		2	0.13	21.4	0.002	107.4	0.011	45.0	0.005	2.59
BM-00896	460594	8596631	4230	Antacocha I North-East	1.00 X 1.00		2	1.54	44.6	0.004	1532.8	0.153	2004.0	0.200	10.60
BM-00897	460905	8596531	4426	Antacocha I North-East	1.00 x 1.00		0.5	0.01	48.6	0.005	33.9	0.003	44.0	0.004	8.14
BM-00898	460883	8596415	4430	Antacocha I North-East	0.30 x 0.25		0.5	0.01	53.1	0.005	14.6	0.001	68.0	0.007	2.03
BM-00899	460858	8596408	4423	Antacocha I North-East	1.00 X 1.00		2	0.01	65.2	0.01	25.8	0.003	39.0	0.004	4.73

Page22



# Appendix 3

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

### SECTION 1 SAMPLING TECHNIQUES AND DATA

INCA MINERALS LTD

ACN: 128 512 907

#### 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 integrated interpretations and review of a sustained mapping and sampling program (245 samples and assay results) with previously released results from AMAGRAD, 3D inversion modelling, interim IP and soil geochemical programs. The 245 samples are either surface rockchip, trench-channel or surface-channel samples taken during a 1:5,000 to 1:50 scale mapping program at the Company's Riqueza Project in Peru.

#### 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**

Trench-channel and surface-channel sample intervals were determined through tape measurement made relative to a handheld GPS location.

#### 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**

Channels, perpendicular to the exposed mineralisation within trenches or across outcrop, were used to obtain continuous samples approximately 2kg in weight and between 0.2m and 3.0m long. Where mineralisation was not over a large area, rockchip samples were taken with no specific orientation.

#### 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 or 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 or 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 or 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 or 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 or 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 or 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 or 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 or 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 or drilling results are referred to in this announcement.

#### JORC CODE Explanation

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

#### **Company Commentary**

Channel (trench and surface) sampling and rockchip sampling followed industry best practice.

#### JORC CODE Explanation

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

#### **Company Commentary**

No sub-sampling procedures were undertaken.



ACN: 128 512 907

#### 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**

The orientations of the channels (trench and surface) were aligned perpendicular to the visible zone of mineralisation.

#### JORC CODE Explanation

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

#### **Company Commentary**

The sample sizes are adequate in terms of the nature and distribution of mineralisation visible in the trenches and outcrop.

#### 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**

The analytical assay technique used in the elemental testing of the channel samples for non-Au was 4-acid digestion and HCl leach, which is considered a complete digestion for most material types. Elemental analysis was via ICP and atomic emission spectrometry. The analytical assay technique used in the elemental testing is considered industry best practice.

#### 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**

N/A – No geophysical tool or electronic device was used in the generation of the channel sample results other than those used by the laboratory in line with industry best practice.

#### 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**

Blanks, duplicates and standards were used as standard laboratory procedures. The Company also entered blanks, duplicates and standards as an additional QAQC measure.

#### Criteria: Verification of sampling and assaying

#### JORC CODE Explanation

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

#### **Company Commentary**

The sample assay results are independently generated by SGS Del Peru (**SGS**) who conduct QAQC procedures, which follow industry best practice.

#### JORC CODE Explanation

The use of twinned holes.

#### **Company Commentary**

No drilling or 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**

Primary data (regarding assay results) was supplied to the Company from SGS in two forms: Excel and PDF form (the latter serving as a certificate of authenticity). Both formats were captured on Company laptops/desktops/iPads which are backed up from time to time. Following critical assessment (e.g. price sensitivity, *inter alia*), when time otherwise permits, the data was entered into a database by Company GIS personnel.

#### JORC CODE Explanation

Discuss any adjustment to assay data.

#### **Company Commentary**

No adjustments were made.

#### Criteria: Location of data points

#### JORC CODE Explanation

Page 13

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**

The sample locations were determined using handheld GPS.

#### JORC CODE Explanation

Specification of the grid system used.

#### **Company Commentary**

WGS846-18L.

#### JORC CODE Explanation

Quality and adequacy of topographic control.

#### **Company Commentary**

Topographic control was achieved via the use of government topographic maps, in association with GPS and Digital Terrain Maps (DTM's), the latter generated during antecedent detailed geophysical surveys.

#### Criteria: Data spacing and distribution

#### JORC CODE Explanation

Data spacing for reporting of Exploration Results.

#### **Company Commentary**

Regarding channel sampling, the channels were spaced so as to form a continuous line of sampling within each trench, or across each outcrop perpendicularly across the known mineralisation with individual samples taken 3.0m to <1m lengths along each channel.

#### 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 continuity, Mineral Resource or Ore Reserve estimations are referred to in this announcement.

#### JORC CODE Explanation

Whether sample compositing has been applied.

#### **Company Commentary**

No sample compositing had been applied to generate assay results subject of this announcement.



#### 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**

Assay results subject of this announcement are believed associated with structure-hosted epithermal mineralisation. The area of visible mineralisation exposed in the trenches/outcrop were accurately mapped.

#### 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**

No drilling results are referred to in this announcement.

#### Criteria: Sample security

#### JORC CODE Explanation

The measures taken to ensure sample security.

#### **Company Commentary**

Sample security was managed by the Company in line with industry best practice.

#### Criteria: Audits and reviews

#### JORC CODE Explanation

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

#### **Company Commentary**

Where considered appropriate, assay data is independently audited. None were required in relation to assay data subject of this announcement.

#### SECTION 2 REPORTING OF EXPLORATION RESULTS

#### 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: The Riqueza Project area comprises nine Peruvian mining concessions: Nueva Santa Rita, Antacocha I, Antacocha II, Rita Maria, Maihuasi, Uchpanga, Uchpanga II, Uchpanga III and Picuy.

Nueva Santa Rita ownership: The Company has a 5-year concession transfer option and assignment agreement ("**Agreement**") whereby the Company may earn 100% outright ownership of the concession.

All other above-named concessions: The Company has direct 100% ownership.

#### 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**

The Agreement and all concessions 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/porphyry/skarn related Cu- Au-Ag-Pb-Zn-Mo 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 referred to 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 referred to 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 zones of mineralisation encountered in the trenches/outcrop are relatively well known through concurrent detailed mapping, therefore the widths are considered true widths.

#### 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**

Plans are provided showing the position of the samples subject of this announcement. Plans are also provided for all other exploration results (previously released to the market) that are cross referenced to the sample results.

#### 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 avoiding 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 makes reference to three previous ASX announcements dated: 15 October 2019, 27 May 2020 and 8 June 2020.

#### 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 trenches/outcrop subject of this announcement. Further work is also necessary to better understand the relationship between the mineralisation associated with these samples and the AMAGRAD, IP, 3D magnetic inversion models and soil anomalies.

#### 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**

Refer above.

\*\*\*\*\*