# ASX ANNOUNCEMENT

**10th October 2024**

## Geophysics survey results at Parag demonstrate a substantial porphyry system

### Highlights:

- **A geophysical survey of IP/Resistivity and ground magnetometry has been completed.**
- **A total of 34 line kilometres (18 lines) have been executed in the IP/Resistivity and Ground magnetic survey program.**
- **Highly encouraging IP and Ground Magnetic results were received, supporting the continued drilling program.**
- **The mineralized breccia system identified in outcrops at the Parag project surround strong magnetic anomalies related to two main centers with a ground magnetic solid response**.
- **The ground magnetic survey anomaly reported in the Pichacani I section in an undrilled zone forms a compelling priority target.**
- **Historical information on Cu and Mo mineralization in breccias from drilling to date (10,280 metres) show a strong correlation with the IP (Chargeability) response, which extends at depth.**
- **The recently completed IP (Chargeability) geophysical survey defines areas with high chargeability greater than 18 mV/V, representing sulfide mineralization. The survey shows a deepening of the chargeability anomaly, especially in areas close to the mineralized breccias of the Parag project.**

**EV Resources Limited** (**ASX: EVR** or "**EVR**") is pleased to announce the results of an IP/Resistivity and Ground Magnetic survey, which have demonstrated a number of high priority drill targets in the large porphyry system at the Parag project.

EVR completed a successful drilling programme earlier in 2024, in which 7 diamond HQ diameter holes were drilled. The results demonstrated outstanding copper, molybdenum and silver values (for a summary of results, see the Investor Presentation released to the ASX on 23rd July 2024).

This campaign followed a 2011 programme in which 21 holes were drilled (10,170 metres, reported and core held in the core shed), and a programme in the 1990's in which 55 shallow holes were drilled, for 8300 metres on 6 separate targets. To date, drilling has been concentrated on 6 outcropping hydrothermal breccia structures, all of which have returned high grade drill results from surface and may eventually

support a high grade, shallow multi pit operation of its own. Drilling on these breccias has, however, also provided a series of vectors for targeting of a large porphyry system.

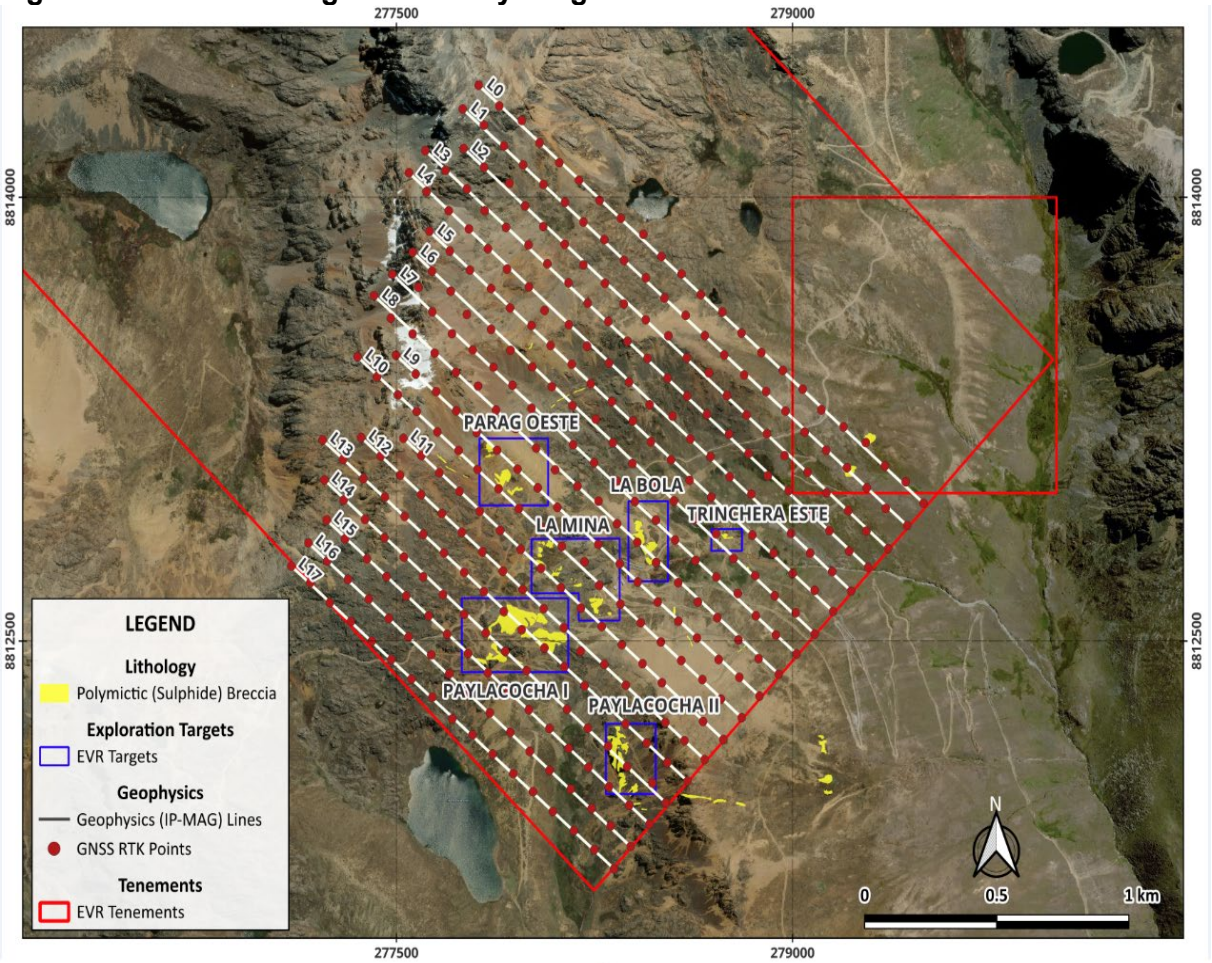
The geophysics campaign, correlated to the drilling, have demonstrated a number of compelling drill targets and confirmed that Parag is the large porphyry system we have previously interpreted.

## GEOPHYSICAL SURVEYS COMPLETED

Using the IP/Resistivity method, the possibility of identifying mineralized bodies at depth is established. This method provides two parameters: chargeability, which is related to the presence of sulphides, and resistivity, which is related to alteration zones. Thirty-four line kilometres were completed in 18 lines with dipole intervals of 100 meters, and the distances between lines of 100 meters have been scheduled and executed (Fig. 1).

For the magnetic survey, three high-precision devices were used: a GSM-19TW Proton magnetometer as a base station with which the diurnal variation of the geomagnetic field was monitored, and two high-sensitivity GSM-19W Overhouser magnetometers with built-in differential GPS (mobile magnetometers) with which the survey was carried out along the geophysical lines.

**Figure. 1 IP/Ground Magnetic Survey Programme**



## IP Survey

The resistivity and chargeability data analysis are based on the results of the 3D inversion performed independently on both data types for each line. The resistivity model shows values from 8.1 ohm-m to 14,751.8 ohm-m, while the chargeability values range from 7 mV/V to 64 mV/V.

The resistivity model shows possible leached bodies on the surface with a strong resistivity contrast greater than 817 ohm-m. Subvertical resistive cells would be caused by feeders associated with possible breccia bodies. In the Chargeability model, envelopes of concentric variations are observed, possibly controlled by a semi-circular structure (Figure 2).

In the chargeability and resistivity models, it is noted that the breccia system is located surrounding and peripheral to a circular anomaly that would correspond to the edges of a structure with that geometry characteristic.

The sections in Figure 3(a) and Figure 3(b) (Copper and Moly) show the relationship between mineralized breccia systems and a subvertical chargeability model between 15 and 30 mV/V. Diamond holes drilled by EVR this year (APG-DDH-0001 to APG-DDH-0007) show the relationship of the mineralized breccia of Trinchera Este (described in previous announcements) with a sub-vertical chargeability model and is adjacent to a higher chargeability response that is over 30Mv/V.

**Figure 2. Plan view, showing chargeability model and location of drill holes executed by EV Resources and historical drill holes.**

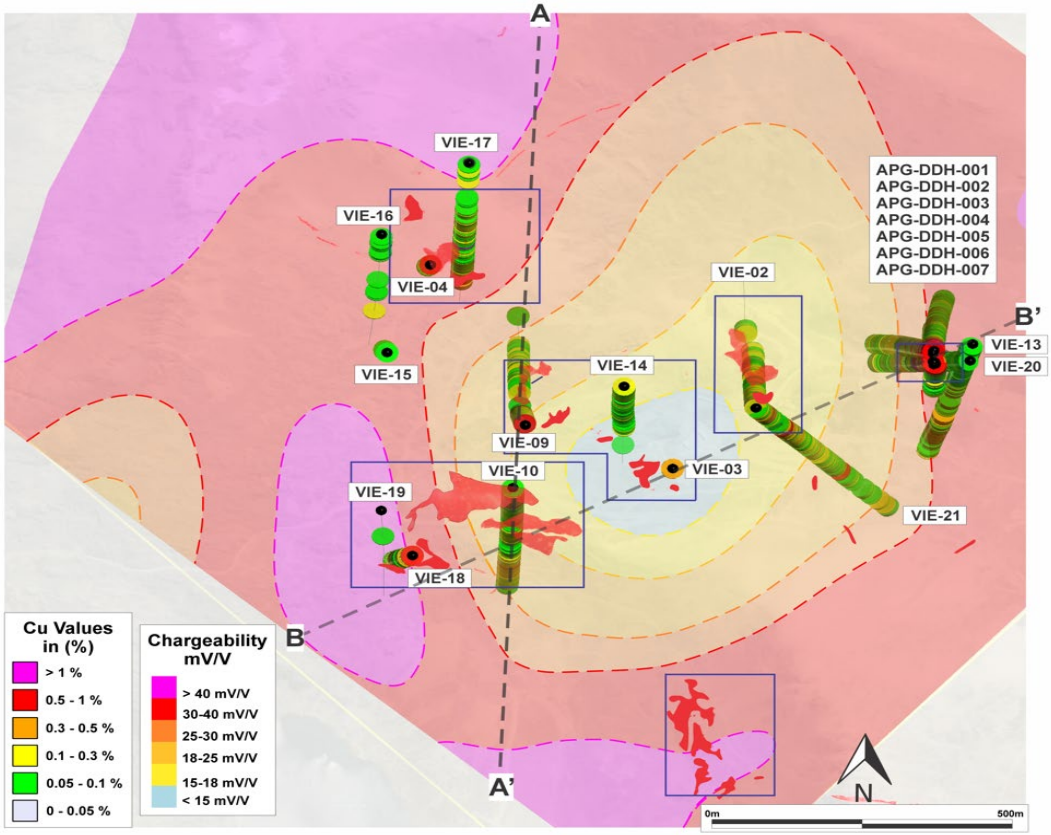


**Figure 3(a) Historical drill holes and drill holes drilled by EVR, showing the relationship of mineralized breccias with a sub-vertical IP model, Cu values.**

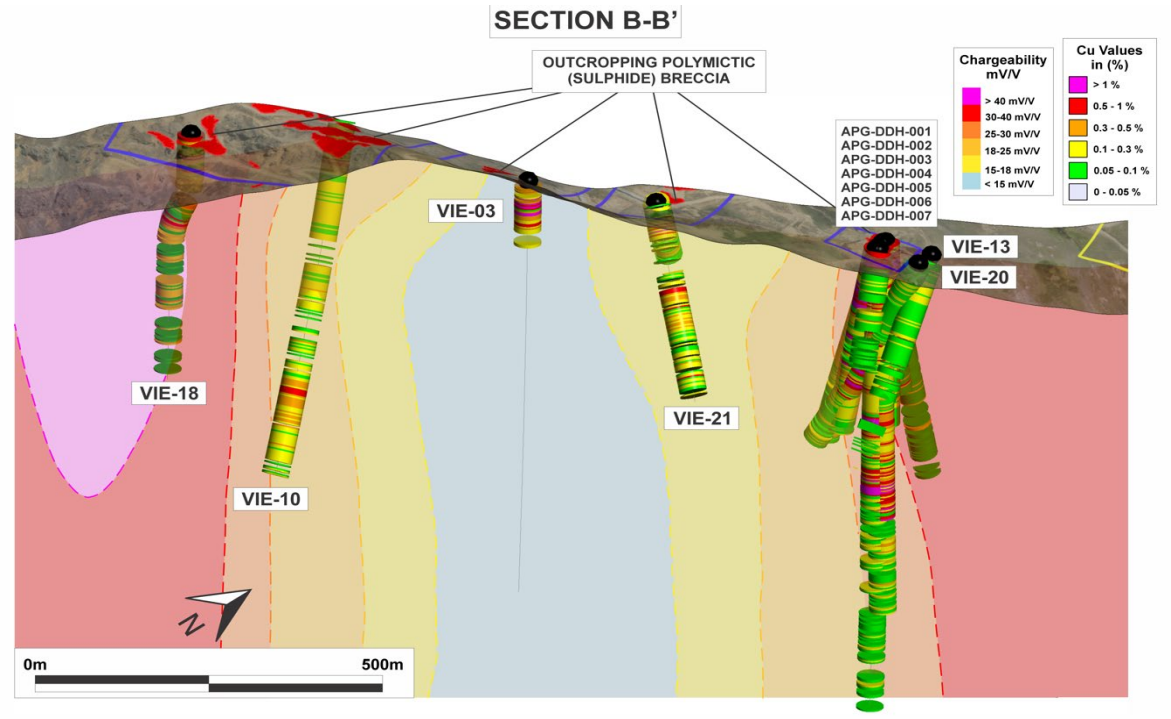
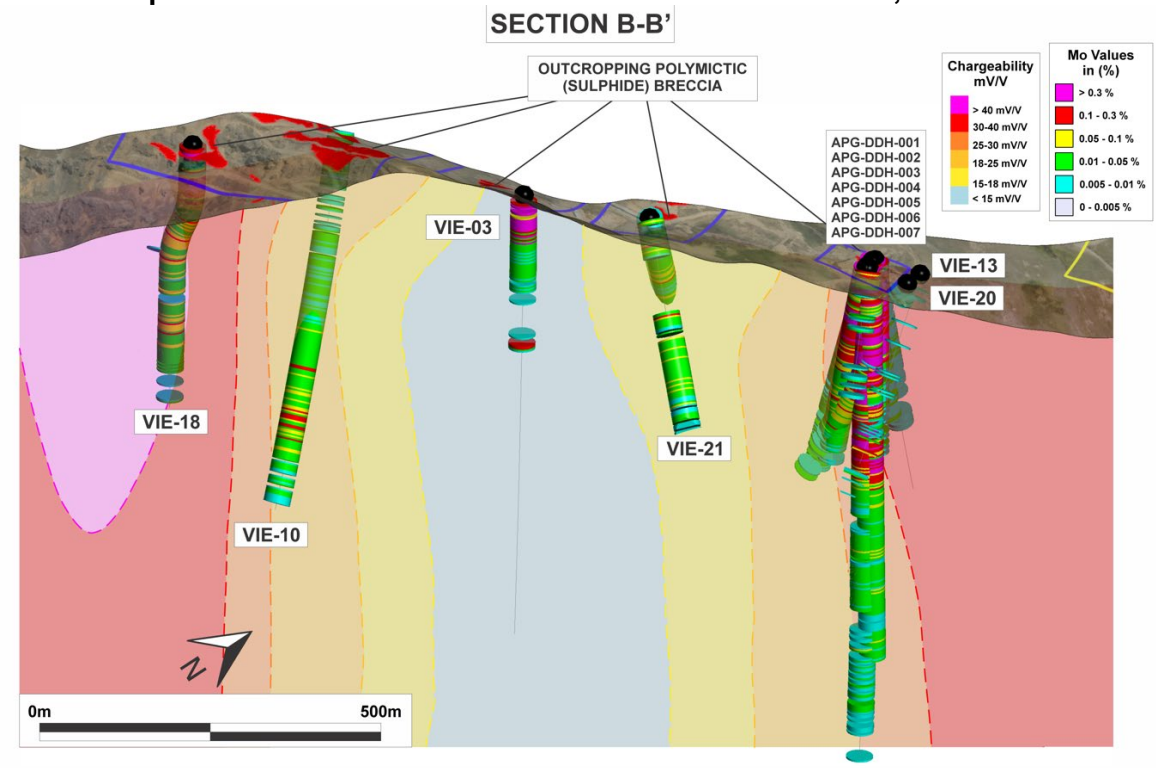



**Figure 3(b) Historical drill holes and drill holes drilled by EVR, showing the relationship of mineralized breccias with a sub-vertical IP model, Mo values.**



Sections of Figure 4 and 5 (copper and molybdenum, respectively) intersect mineralized breccia of Pailacocha I zone, showing historical values from the 2011 drill programme; hole VIE-10 clearly shows that Cu and Mo values are associated with the chargeability model that is between 18 to 25 mV/V.

**Figure 4 Historical drill holes show mineralized breccias' relationship with a sub-vertical IP model, Cu values.**

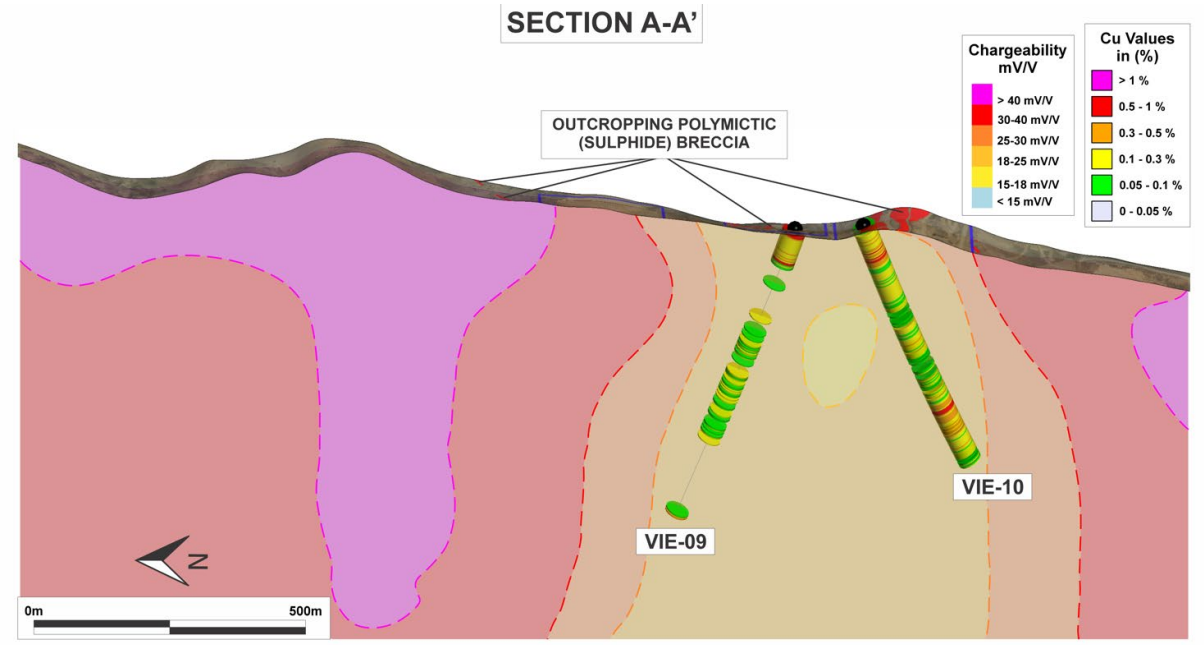
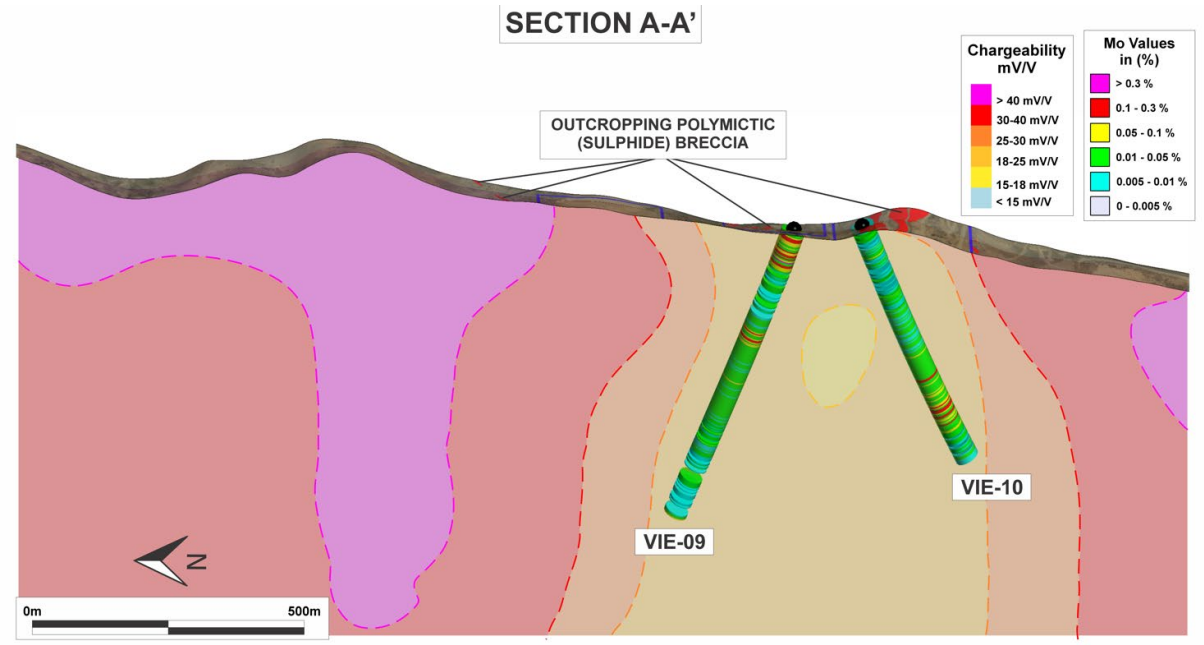



**Figure 5 Historical drill holes show mineralized breccias' relationship with a sub-vertical IP model, Mo values.**



**Ground Magnetic Survey**

Field Magnetic data obtained vary between 22,804.58 nT and 27,013.16 nT, with an average of 24,785.90 nT. A number of superimposed anomalies can be observed.

The shortwave anomalies with amplitudes of 140 nT and lengths of 10 m are high-frequency anomalies defining magnetic discontinuities; medium-wave anomalies varying from 200 nT to 320 nT with lengths of up to 450 m would define extrusive rocks of basic composition. The long-wavelength anomalies of 450 nT and 700 m in length are represented on the central sector of the mesh and caused by rooted magnetic material and preserved by extrusive material according to the shape of the observed anomalies.

The Magnetic Model map represents (plan view Figure 6) a sea level elevation section 4560 m below the ground surface. It shows the location of magnetic bodies possibly controlled by structures and caused by preserved igneous bodies. The model shows a preserved magnetic core surrounded by cells affected by a possible hydrothermal alteration event, showing a drop in magnetism. The magnetic susceptibility model in the central zone presents an elongated shape with an NW-SE orientation on its central axis and a length of 1070 meters and 500 meters on the minor axis (width).

A second anomaly within the magnetic susceptibility model is generated to the SW of the project area opening in that orientation. The sector drilled by EVR this year, in the Trinchera Este area shows a third body within the magnetic susceptibility model but with smaller dimensions.

The mineralized breccias are located towards the margins of these bodies, defined by the magnetic susceptibility model (Figure 6). Figure 7 shows a section that includes the historic drill hole, VIE-10, located at the edge of this geophysical anomaly. It shows an increase in Cu and Mo values at depth and towards the end of the drilled hole. This anomaly has not been drilled in any program, and it is defined as a priority target for future actions.

**Figure 6. Plan view, showing ground magnetic, magnetic susceptibility model, and location of drill holes executed by EV Resources and historical drill holes.**

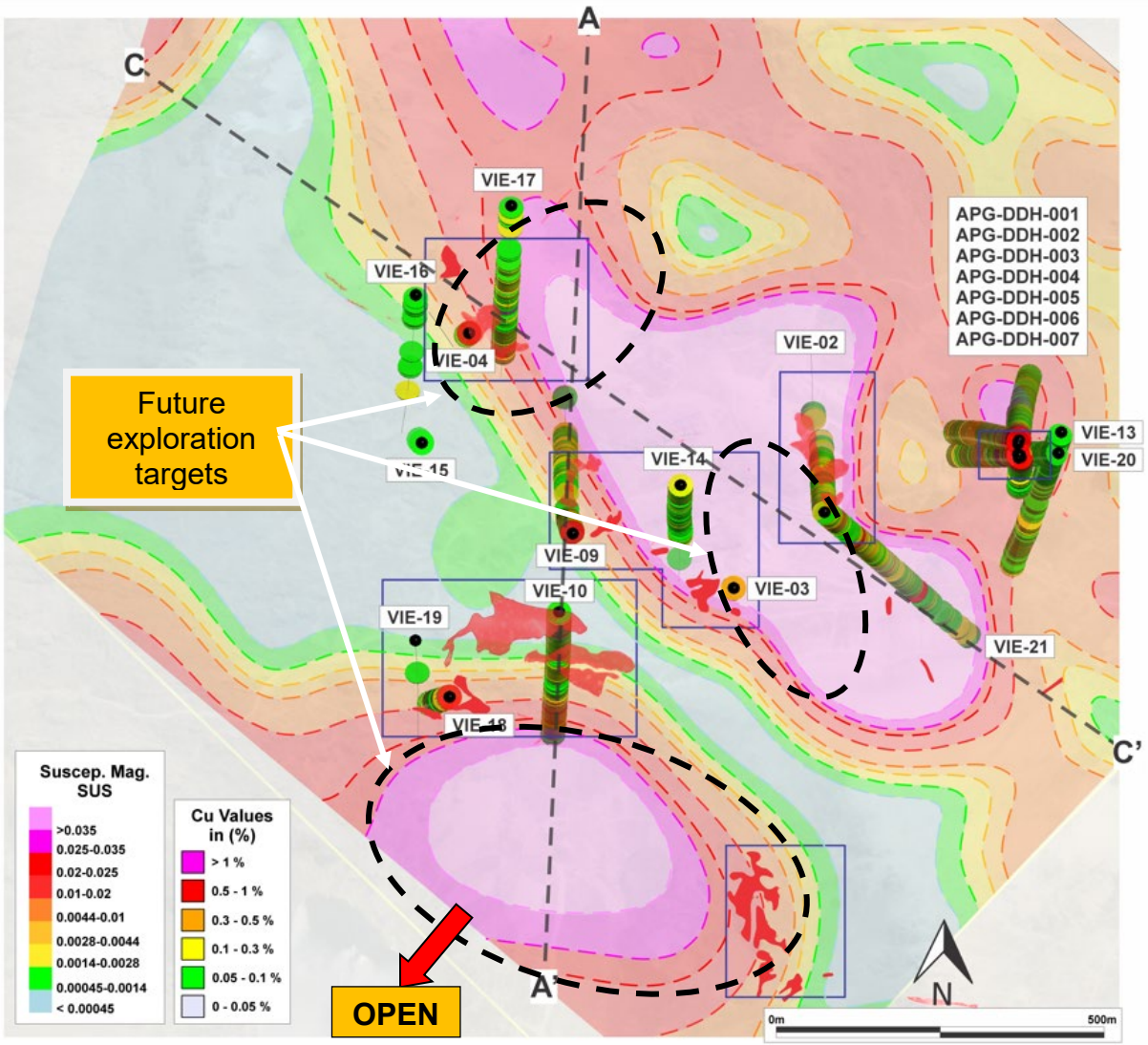
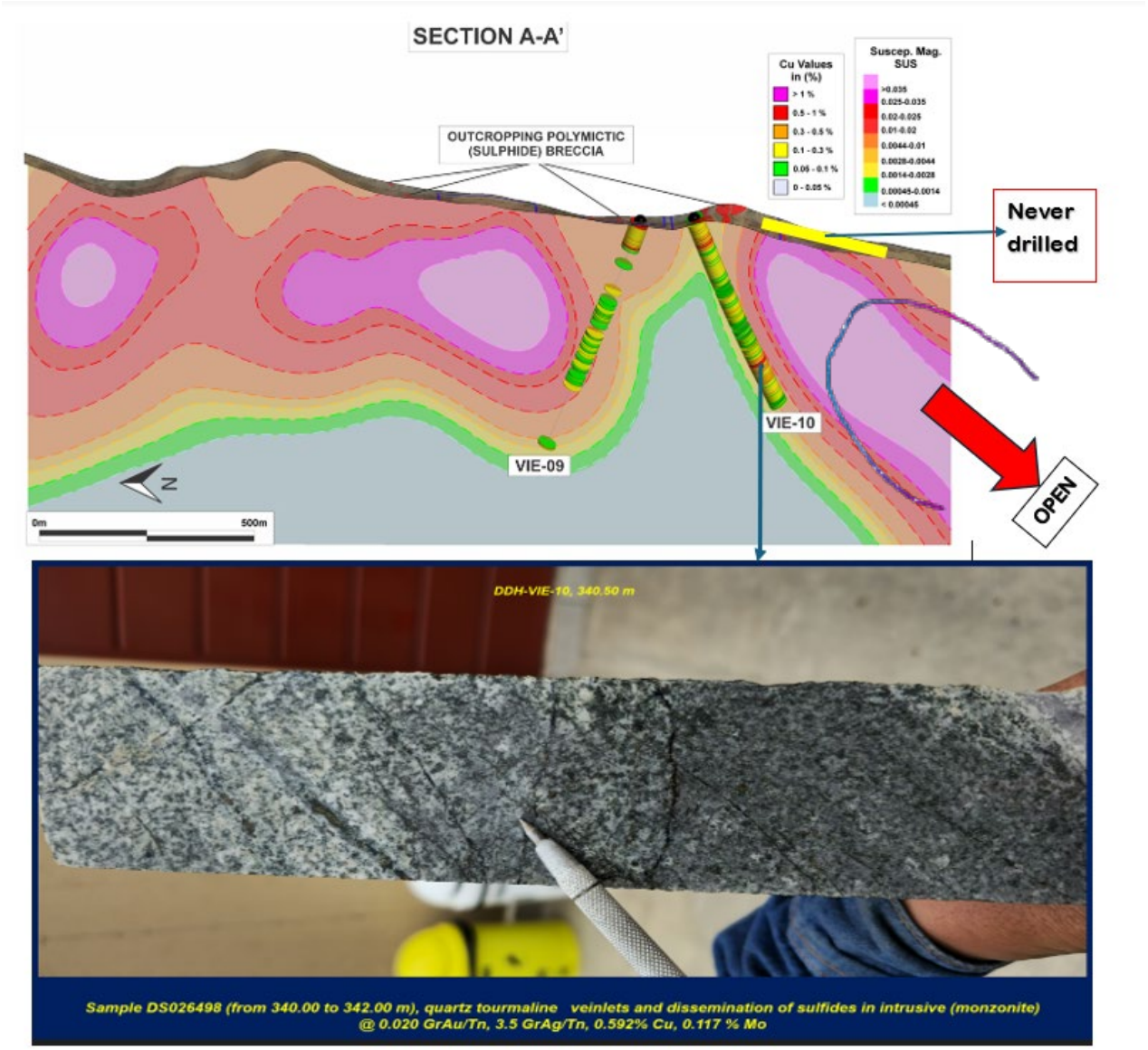


**Figure 7. Historical drill holes associated with an anomaly zone/ground magnetic susceptibility model in the border zone where Cu and Mo values increase with depth suggest a critical target to be explored and drilled.**




## Next Steps

Having concluded the highly encouraged geophysics program, EVR intends to continue with the following steps:

- Integrate all the information generated until now, including historical data that can be validated, and define future drilling targets.
- Execute a re-logging program of all historical drill hole cores currently in EVR's possession at its base camp near the project.

- EVR is considering partnership with a strategic partner to support the funding requirements to continue the exploration program focused on resource definition.

Hugh Callaghan, Managing Director of EVR, commented that "*The recent Geophysics programme at Parag confirms our view that Parag is a compelling porphyry target. The breccias drilled to date have been an invaluable source of information and represent outcropping and shallow high grade mineralisation that can potentially support economic mining activity while the bigger porphyry system is explored. A number of larger strategic partners are already showing interest in the long-term potential of Parag.*"

**ENDS**

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*This ASX announcement was authorised for release by the Board of EV Resources Limited (EVR).*

**Competent Person Statement**

The information in this release that relates to exploration results is based on, and fairly represents, technical information and supporting documentation prepared by geologists employed by EV Resources Limited that has been reviewed and approved for publication by Mr Baker Khudeira, a certified professional geologist and Member of the Australian Institute of Mining and Metallurgy (MAusIMM Number 230652.)

Mr Khudeira has sufficient experience which is relevant to the style of mineralization and type of deposit under consideration and to the activity which he is undertaking to qualify as a CP as defined in the 2012 Edition of the JORC Australasian Code for Reporting of Exploration Results, Mineral Resources, and Ore Reserves. Mr Khudeira consents to the inclusion in the release of the matters based on their information in the form and context in which it appears. Mr Khudeira is a consultant to the Company and holds no shares in EV Resources Limited.

## Compliance Statement

This announcement contains information on the Parag Project extracted from an ASX market announcements dated 4th May 2023, 22nd April 2024, 29th April 2024, 20th May 2024, and 9th July 2024 and reported in accordance with the 2012 edition of the “Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves” ("2012 JORC Code"). EVR confirms that it is not aware of any new information or data that materially affects the information included in the original ASX market announcement

## Forward Looking Statement

Forward Looking Statements regarding EVR´s plans with respect to its mineral properties and programs are forward-looking statements. There can be no assurance that EVR’s plans for development of its mineral properties will proceed as currently expected. There can also be no assurance that EVR will be able to confirm the presence of additional mineral resources, that any mineralisation will prove to be economic or that a mine will successfully be developed on any of EVR’s mineral properties. The performance of EVR may be influenced by a number of factors which are outside the control of the Company and its Directors, staff, and contractors. These statements include, but are not limited to statements regarding future production, resources or reserves and exploration results. All of such statements are subject to certain risks and uncertainties, many of which are difficult to predict and generally beyond the control of the company, that could cause actual results to differ materially from those expressed in, or implied or projected by, the forward-looking information and statements.

These risks and uncertainties include, but are not limited to: (i) those relating to the interpretation of drill results, the geology, grade and continuity of mineral deposits and conclusions of economic evaluations, (ii) risks relating to possible variations in reserves, grade, planned mining dilution and ore loss, or recovery rates and changes in project parameters as plans continue to be refined, (iii) the potential for delays in exploration or development activities or the completion of feasibility studies, (iv) risks related to commodity price and foreign exchange rate fluctuations, (v) risks related to failure to obtain adequate financing on a timely basis and on acceptable terms or delays in obtaining governmental approvals or in the completion of development or construction activities, and (vi) other risks and uncertainties related to the company’s prospects, properties and business strategy. Our audience is cautioned not to place undue reliance on these forward-looking statements that speak only as of the date hereof, and we do not undertake any obligation to revise and disseminate forward-looking statements to reflect events or circumstances after the date hereof, or to reflect the occurrence of or non-occurrence of any events.

# JORC Code, 2012 Edition – Table 1

## Section 1 Sampling Techniques and Data

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

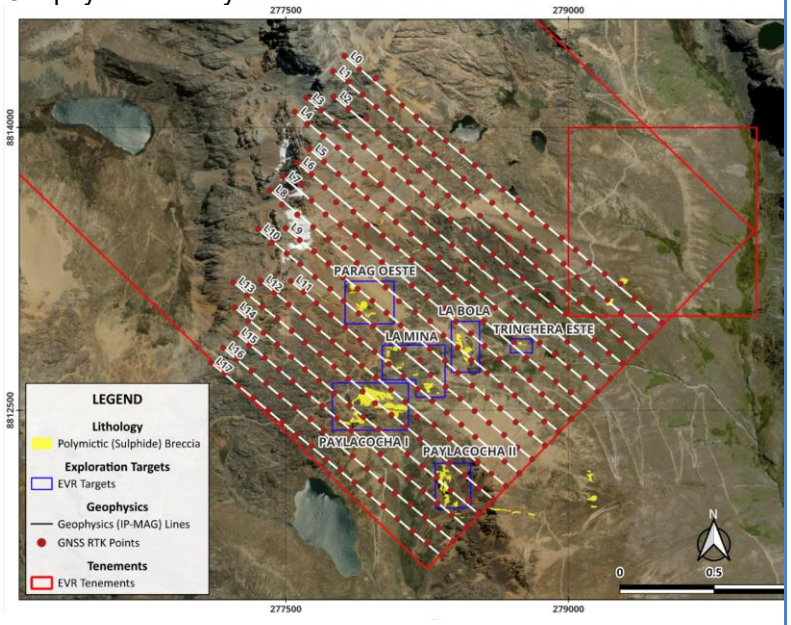
| Criteria | JORC Code explanation | Commentary |
|---|---|---|
| *Sampling techniques* | • *Nature and quality of sampling (eg cut channels, random chips, or specific specialised industry standard measurement tools appropriate to the minerals under investigation, such as down hole gamma sondes, or handheld XRF instruments, etc). These examples should not be taken as limiting the broad meaning of sampling.*<br>• *Include reference to measures taken to ensure sample representivity and the appropriate calibration of any measurement tools or systems used.*<br>• *Aspects of the determination of mineralisation that are Material to the Public Report.*<br>• *In cases where 'industry standard' work has been done this would be relatively simple (eg 'reverse circulation drilling was used to obtain 1 m samples from which 3 kg was pulverised to produce a 30 g charge for fire assay'). In other cases more explanation may be required, such as where there is coarse gold that has inherent sampling problems. Unusual commodities or mineralisation types (eg submarine nodules) may warrant disclosure of detailed information.* | • Industry standard diamond core drilling<br>• Drill core cut in half lengthwise using a diamond saw<br>• On site and core shack logging completed by company geologists to identify and classify mineralization and other relevant geological characteristics<br>• Half core sampled, bagged and tagged and forwarded to assay laboratory for analysis<br>• Assay data received, collated and analysed<br>• Induced Polarization/Resistivity (IP/Resistivity) and ground magnetic survey program was conducted and completed by Deeb Sounding EIRL, an independent Peruvian contractor based in Lima, Peru.<br>• Field work was conducted between August 8 and 29, 2024.<br>• The IP/Resistivity program consisted of 18 lines totaling 34 km. The IP/Resistivity method used was a pole-dipole (PDP) configuration with dipole extensions of 100, 200, 300 and 400 meters and separation factor (n) of 14, delay time (seconds) 2, measurement windows 10, number of repetitions 2, Vp range measured between 1-200 mV and with injected current intensity (mA) between 60 to 1350 mA. The receiver used was a GDD/Model GRx8-32-16 ch-series 1417 RX Receiver with a TX 11 Walcer GDD 5000 series TX 349 transmitter and a Honda EG6500CX 24 HP generator power source.<br>• Three high-precision devices were used for the magnetic survey: a Proton GSM-19TW magnetometer as a base station (fixed magnetometer) with which the diurnal variation of the geomagnetic field is monitored daily during the study, and two high-sensitivity Overhouser GSM-19W magnetometers with built- |

| Criteria | JORC Code explanation | Commentary |
|---|---|---|
| | | in differential GPS (mobile magnetometers) with which the survey was carried out along the geophysical lines.<br>• In total, 34 linear km of data was completed. |
| *Drilling techniques* | • *Drill type (eg core, reverse circulation, open-hole hammer, rotary air blast, auger, Bangka, sonic, etc) and details (eg 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).* | • Diamond core drill hole using standard tube<br>• HQ diameter for the entire hole |
| *Drill sample recovery* | • *Method of recording and assessing core and chip sample recoveries and results assessed.*<br>• *Measures taken to maximise sample recovery and ensure representative nature of the samples.*<br>• *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.* | • Core runs every 1.5 meters removed from the tube<br>• Core extracted on a metal rail, expelled with water pressure Runs, recovery and footage marked on plastic markers.<br>• Core placed in 4 compartment hard plastic boxes with plastic lids<br>• Quick core log carried out on site by company geologists<br>• boxes with plastic straps tensioned with special equipment. |
| *Logging* | • *Whether core and chip samples have been geologically and geotechnically logged to a level of detail to support appropriate Mineral Resource estimation, mining studies and metallurgical studies.*<br>• *Whether logging is qualitative or quantitative in nature. Core (or costean, channel, etc) photography.*<br>• *The total length and percentage of the relevant intersections logged.* | • Core was logged by company geologists to record alteration, mineralization lithology, RQD, and structures in sufficient detail for the purposes of future Mineral Resource estimation, mining studies and metallurgical studies<br>• Boxes containing drill core were photographed in pairs with their proper information including drill hole name, interval, # of boxes.<br>• Logging was qualitative and semi-quantitative (visual estimate of mineral percentages)<br>• 100% of drill holes APG-DDH-004 (149.80 metres), APG-DDH-005 (237.30 metres), and APG-DDH-007 (348.80 metres) were logged |
| *Sub-sampling techniques and sample preparation* | • *If core, whether cut or sawn and whether quarter, half or all core taken.*<br>• *If non-core, whether riffled, tube sampled, rotary split, etc and whether sampled wet or dry.*<br>• *For all sample types, the nature, quality and appropriateness of the sample preparation technique.*<br>• *Quality control procedures adopted for all sub-sampling stages to maximise representivity of samples.*<br>• *Measures taken to ensure that the sampling is representative of the in situ material collected, including for instance results for field* | • Sampling was always supervised by a company geologist.<br>• Sampling interval was every two meters unless a mineralized structure was encountered, e.g. quartz vein or sulfides, where this exceeds 50 cm this is sub-sampled and sampling resumed every two meters.<br>• Sample weight approximately 7 kg.<br>• Sample bags previously marked with an indelible marker on near the mouth and at the base<br>• The sample inserted and a label included and sealed in the |

| Criteria | JORC Code explanation | Commentary |
|---|---|---|
| | *duplicate/second-half sampling.*<br>• *Whether sample sizes are appropriate to the grain size of the material being sampled.* | upper part without coming into contact with the sample material. The bag was then sealed with a plastic clamp<br>• 4 samples inserted into polypropylene bags and sealed with plastic clamps. The bag labeled with the samples included in addition to listing the bags to be transported.<br>• The samples periodically moved from the town of Huacho to the city of Lima to assay laboratory facilities<br>• Company staff supervise delivery of samples to the laboratory staff and provide an inventory together with analysis instructions.<br>• Each time the person in charge changes, a document is signed and both of their details are recorded. |
| *Quality of assay data and laboratory tests* | • *The nature, quality and appropriateness of the assaying and laboratory procedures used and whether the technique is considered partial or total.*<br>• *For geophysical tools, spectrometers, handheld XRF instruments, etc, the parameters used in determining the analysis including instrument make and model, reading times, calibrations factors applied and their derivation, etc.*<br>• *Nature of quality control procedures adopted (eg standards, blanks, duplicates, external laboratory checks) and whether acceptable levels of accuracy (ie lack of bias) and precision have been established.* | • 16% of samples comprise standards (OREAS) of high, low and intermediate grades together with blank samples (Minex Products) and sample duplicates of coarse and fine rejects.<br>• CERTIFIED REFERENCE MATERIALS OREAS:-<br>• 501d PORPHYRY COPPER-GOLD ORE (Ridgeway/Northparkes Mines, New South Wales, Australia)<br>• 503e PORPHYRY COPPER-GOLD-MOLYBDENUM (Cadia Valley Operations, New South Wales, Australia)<br>• 504d PORPHYRY COPPER-GOLD-MOLYBDENUM (Cadia Valley Operations, New South Wales, Australia)<br>• Blank: Pure SiO2 quartz with 46.7% Si and 53.3% O, size 1/2 inch, from quarries in northern Peru. Milky white in color<br>• For the IP survey the following equipment was used: Instruments Make / Model RX receiver GDD / Model GRx8-32-16 ch-series1417, Transmitter TX 11 Walcer 10 Kw IP Transmitter Motor generator 1 Honda EP6500CX.<br>• The IP survey acquisition parameters were as follows: Parameter Acquisition Mode Measurements Time Domain Interval between lines 400, 200 meters Electrode configuration Pole –Dipole extension 100, 200, 300, 400 m meters Measurement windows 10 windows. Delay Time 2sec No. Of Stacks 10 stacks. No. Repetitions Minimum 02 x station. |

| Criteria | JORC Code explanation | Commentary |
| --- | --- | --- |
| | | NUMBER OF LINES: 18<br>TOTAL LINEAR KM: 34<br>INTERVAL BETWEEN DIPOLES: 100n<br>INTERVAL BETWEEN LINES: 100 m<br>• For the Magnetic survey, three high-precision types of equipment were used, a GSM-19TW Proton Magnetometer as Base Station (Fixed Magnetometer) with which the diurnal variation of the geomagnetic field is monitored daily during the study, and two high-sensitivity GSM-19W Overhauser magnetometers with differential GPS built-in (mobile magnetometers) with which the survey was carried out along the geophysical lines.<br>Instruments used in the study of magnetometry<br>Mobile Magnetometer: Gem System, GSM-19W Overhauser Magnetometer<br>Base Magnetometer: Gem System, GSM-19T Proton Magnetometer<br>DGPS Antenna: 01 Receiver/Antenna Module<br>DGPS Console: GSM-19W Overhauser Magnetometer<br>• Quality Control (QC) of the chargeability parameter drop curves was performed, eliminating the readings whose noise level was greater than 60%. More than two repetitions were performed per measurement point, in order to guarantee the repeatability of the readings. These parameters were controlled both in the field and during processing.<br>The number of readings measured: 5239<br>Validated readings 99.9%<br>Rejected readings 0.20%<br>Measured Vp range 1-200 mV<br>Injected current intensity Range 60 to 1350 mA |

| Criteria | JORC Code explanation | Commentary |
|---|---|---|
| *Verification of sampling and assaying* | • *The verification of significant intersections by either independent or alternative company personnel.*<br>• *The use of twinned holes.*<br>• *Documentation of primary data, data entry procedures, data verification, data storage (physical and electronic) protocols.*<br>• *Discuss any adjustment to assay data.* | • No independent verification undertaken<br>• No twinned holes<br>• Data supplied by assay laboratory as Excel spreadsheets with accompanying analytical certificates<br>• No adjustments of assay data<br>• Company staff verified results internally<br>• The processing was done using Geosoft's Oasis Montaj program module techniques. The Res3DInv v. 3.18 software from Geotomo Software was used to carry out the inversion processes.<br>• The International Geomagnetic Field Reference (IGRF) valid for this area was calculated using the Oasis Montaj IGRF program |
| *Location of data points* | • *Accuracy and quality of surveys used to locate drill holes (collar and down-hole surveys), trenches, mine workings and other locations used in Mineral Resource estimation.*<br>• *Specification of the grid system used.*<br>• *Quality and adequacy of topographic control.* | • Drill hole collars located using a hand held GPS Garmin 64 s<br>• Geophysical lines were prepared by Deep Sounding as the survey progressed. These were marked every 100 metres with topographic tape, indicating the line and station numbers. All lines were surveyed with a +/-2 metre precision navigator, using the UTM WGS84 navigation system, Zone 18S, and all plans and maps are based on this same system.<br>• Grid system WGS84 Zone 18 S<br>• For the geophysical survey, topographic control is considered adequate for this exploration stage.<br>• Drill hole deviation was measured for APG-DDH-001 with Gyromaster equipment. Subsequent holes were measured using Reflex Ez Trac. Measurements were taken every 50 meters and the data supplied given to us in digital format.<br>• Adequate topographical control was supplied from a digital elevation model (DEM) constructed from ASF DAAC 2011, ALPSRP272496970- RTC_HI_RES; Includes Material © JAXA/METI 2007. Accessed through ASF DAAC 23 March 2024. DOI: 10.5067/Z97HFCNKR6VA |
| | • *Data spacing for reporting of Exploration Results.*<br>• *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* | • Assay data interval two metres in drill core<br>• Mineral Resource/ore reserve estimation not applicable<br>• No sample compositing |

| Criteria | JORC Code explanation | Commentary |
|---|---|---|
| | *classifications applied.*<br>• *Whether sample compositing has been applied.* | |
| *Orientation of data in relation to geological structure* | • *Whether the orientation of sampling achieves unbiased sampling of possible structures and the extent to which this is known, considering the deposit type.*<br>• *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.* | • Structures not known at this stage to be a significant influence on variability of metals grades so no sampling bias is suspected from mineralized structures<br>• Geophysical survey lines were oriented Northeast-Southwest<br>•  |
| *Sample security* | • *The measures taken to ensure sample security.* | • A company geologist or trained assistant accepted the core boxes duly marked. After completing quick core logging the boxes were secured and deposited in the bed of a 4x4 truck, and transported to the core shack (house) and stored in the town of Huacho 176 km approx. from the project<br>• Detailed core logging was undertaken at the core shack. |
| *Audits or reviews* | • *The results of any audits or reviews of sampling techniques and data.* | • None |

## Section 2 Reporting of Exploration Results

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

<table>
<tr><th>Criteria</th><th>JORC Code explanation</th><th>Commentary</th></tr>
<tr><td>Mineral tenement and land tenure status</td><td>• 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.<br>• The security of the tenure held at the time of reporting along with any known impediments to obtaining a licence to operate in the area.</td><td>• Parag consists of 4 licences<br><table><tr><th>Name</th><th>Code INGEMMET</th><th>Area – Has.</th></tr><tr><td>VIENTO</td><td>010196004</td><td>998.85</td></tr><tr><td>PARAG 192</td><td>650003719</td><td>200.00</td></tr><tr><td>VIENTO 193</td><td>650003819</td><td>100.00</td></tr><tr><td>PARAG 191</td><td>650003619</td><td>100.00</td></tr></table>• The licences are held in a Company Anta Parag S.A.C which holds 100% of all 4 licences<br>• The shareholding of Anta Parag S.A.C is 70% held by EV Resources Limited from Australia, and 30% by GeoAndina Minerales S.A.C under a Joint Venture Agreement.<br>• There are no overriding royalties or other interests which detract from the ownership and control of the licences.</td></tr>
<tr><td>Exploration done by other parties</td><td>• Acknowledgment and appraisal of exploration by other parties.</td><td>• Between 2010 and 2013, Pembrook (formerly Orion) carried out an exploration program including rock geochemistry, geophysics, geological mapping and diamond drilling<br>• Pembrook applied for Environmental Impact Declaration (EIS) but suffered numerous bureaucratic difficultie and ultimately abandoned the project due to financial difficulties. The EIA was finally approved in 2014 permitting drilling from up to 100 pads.</td></tr>
<tr><td>Geology</td><td>• Deposit type, geological setting and style of mineralisation.</td><td>• Porphyry-related polymetallic (Cu-Mo-Ag) intrusive breccias</td></tr>
<tr><td>Drill hole Information</td><td>• 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:<br>○ easting and northing of the drill hole collar<br>○ elevation or RL (Reduced Level – elevation above sea level in</td><td>• Drill hole number APG-DDH-004<br>• Coordinates 278760E/8812838N<br>• Elevation 4676 meters above sea level<br>• Diamond core drill hole:</td></tr>
</table>

| Criteria | JORC Code explanation | Commentary |
|---|---|---|
| | *metres) of the drill hole collar*<br>○ *dip and azimuth of the hole*<br>○ *down hole length and interception depth*<br>○ *hole length.*<br>• *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.* | • HQ diameter for the entire hole<br>• Azimuth 180<br>• Inclination -70<br>• Drilled Meters 149.80<br>• Drill hole number APG-DDH-005<br>• Coordinates 278758E/8812866N<br>• Elevation 4676 meters above sea level<br>• Diamond core drill hole:<br>• HQ diameter for the entire hole<br>• Azimuth 0<br>• Inclination -90<br>• Drilled Meters 237.30<br>• Drill hole number APG-DDH-007<br>• Coordinates 278755E/8812860N<br>• Elevation 4676 meters above sea level<br>• Diamond core drill hole:<br>• HQ diameter for the entire hole<br>• Azimuth 360<br>• Inclination -70<br>• Drilled Meters 348.80<br>• Drilling Company: AK Drilling, Sandvik DE710 Drilling Rig |
| *Data aggregation methods* | • *In reporting Exploration Results, weighting averaging techniques, maximum and/or minimum grade truncations (eg cutting of high grades) and cut-off grades are usually Material and should be stated.*<br>• *Where aggregate intercepts incorporate short lengths of high grade results and longer lengths of low grade results, the procedure used for such aggregation should be stated and some typical examples of such aggregations should be shown in detail.*<br>• *The assumptions used for any reporting of metal equivalent values should be clearly stated.* | • No weighted averages or top or bottom cut-off values were employed<br>• Copper equivalent value was calculated from copper and molybdenum contents only at current metals prices on ? March 2024<br>• Copper and molybdenum values were calculated assuming 100% recoveries. |
| *Relationship between mineralisation widths and intercept lengths* | • *These relationships are particularly important in the reporting of Exploration Results.*<br>• *If the geometry of the mineralisation with respect to the drill hole angle is known, its nature should be reported.*<br>• *If it is not known and only the down hole lengths are reported, there should be a clear statement to this effect (eg 'down hole length, true* | • The drill hole intersected relatively homogeneous 3D mineralized intrusive breccia bodies interspersed with mineralized hornfels and volcanic country rocks.<br>• True widths of mineralization cannot be established at this stage |

| Criteria | JORC Code explanation | Commentary |
|---|---|---|
| | *width not known').* | |
| *Diagrams* | • *Appropriate maps and sections (with scales) and tabulations of intercepts should be included for any significant discovery being reported These should include, but not be limited to a plan view of drill hole collar locations and appropriate sectional views.* | • See accompanying Press Release for relevant diagrams |
| *Balanced reporting* | • *Where comprehensive reporting of all Exploration Results is not practicable, representative reporting of both low and high grades and/or widths should be practiced to avoid misleading reporting of Exploration Results.* | • Reported metals grades for drill hole APG-DDH-001 range from 0.102% to 1.86% copper and 0.0017% to 1.26% molybdenum to 335.2 metres downhole |
| *Other substantive exploration data* | • *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.* | • See accompanying Press Release for relevant details |
| *Further work* | • *The nature and scale of planned further work (eg tests for lateral extensions or depth extensions or large-scale step-out drilling).*<br>• *Diagrams clearly highlighting the areas of possible extensions, including the main geological interpretations and future drilling areas, provided this information is not commercially sensitive.* | • A further drilling campaign is currently being planned by EV Resources scheduled to commence in May 2024 |

## Section 3 Estimation and Reporting of Mineral Resources

(Criteria listed in section 1, and where relevant in section 2, also apply to this section.)

| Criteria | JORC Code explanation | Commentary |
|---|---|---|
| *Database integrity* | • *Measures taken to ensure that data has not been corrupted by, for example, transcription or keying errors, between its initial collection and its use for Mineral Resource estimation purposes.*<br>• *Data validation procedures used.* | • Not applicable |
| *Site visits* | • *Comment on any site visits undertaken by the Competent Person and the outcome of those visits.*<br>• *If no site visits have been undertaken indicate why this is the case.* | • Not applicable |
| *Geological interpretation* | • *Confidence in (or conversely, the uncertainty of ) the geological interpretation of the mineral deposit.*<br>• *Nature of the data used and of any assumptions made.*<br>• *The effect, if any, of alternative interpretations on Mineral Resource estimation.* | • Not applicable |

| Criteria | JORC Code explanation | Commentary |
|---|---|---|
| | • *The use of geology in guiding and controlling Mineral Resource estimation.*<br>• *The factors affecting continuity both of grade and geology.* | |
| *Dimensions* | • *The extent and variability of the Mineral Resource expressed as length (along strike or otherwise), plan width, and depth below surface to the upper and lower limits of the Mineral Resource.* | • Not applicable |
| *Estimation and modelling techniques* | • *The nature and appropriateness of the estimation technique(s) applied and key assumptions, including treatment of extreme grade values, domaining, interpolation parameters and maximum distance of extrapolation from data points. If a computer assisted estimation method was chosen include a description of computer software and parameters used.*<br>• *The availability of check estimates, previous estimates and/or mine production records and whether the Mineral Resource estimate takes appropriate account of such data.*<br>• *The assumptions made regarding recovery of by-products.*<br>• *Estimation of deleterious elements or other non-grade variables of economic significance (eg sulphur for acid mine drainage characterisation).*<br>• *In the case of block model interpolation, the block size in relation to the average sample spacing and the search employed.*<br>• *Any assumptions behind modelling of selective mining units.*<br>• *Any assumptions about correlation between variables.*<br>• *Description of how the geological interpretation was used to control the resource estimates.*<br>• *Discussion of basis for using or not using grade cutting or capping.*<br>• *The process of validation, the checking process used, the comparison of model data to drill hole data, and use of reconciliation data if available.* | • Not applicable |
| *Moisture* | • *Whether the tonnages are estimated on a dry basis or with natural moisture, and the method of determination of the moisture content.* | • Not applicable |
| *Cut-off parameters* | • *The basis of the adopted cut-off grade(s) or quality parameters applied.* | • Not applicable |
| *Mining factors or assumptions* | • *Assumptions made regarding possible mining methods, minimum mining dimensions and internal (or, if applicable, external) mining dilution. It is always necessary as part of the process of determining reasonable prospects for eventual economic extraction to consider potential mining methods, but the assumptions made regarding* | • Not applicable |

| Criteria | JORC Code explanation | Commentary |
|---|---|---|
| | *mining methods and parameters when estimating Mineral Resources may not always be rigorous. Where this is the case, this should be reported with an explanation of the basis of the mining assumptions made.* | |
| *Metallurgical factors or assumptions* | • *The basis for assumptions or predictions regarding metallurgical amenability. It is always necessary as part of the process of determining reasonable prospects for eventual economic extraction to consider potential metallurgical methods, but the assumptions regarding metallurgical treatment processes and parameters made when reporting Mineral Resources may not always be rigorous. Where this is the case, this should be reported with an explanation of the basis of the metallurgical assumptions made.* | • Not applicable |
| *Environmen-tal factors or assumptions* | • *Assumptions made regarding possible waste and process residue disposal options. It is always necessary as part of the process of determining reasonable prospects for eventual economic extraction to consider the potential environmental impacts of the mining and processing operation. While at this stage the determination of potential environmental impacts, particularly for a greenfields project, may not always be well advanced, the status of early consideration of these potential environmental impacts should be reported. Where these aspects have not been considered this should be reported with an explanation of the environmental assumptions made.* | • Not applicable |
| *Bulk density* | • *Whether assumed or determined. If assumed, the basis for the assumptions. If determined, the method used, whether wet or dry, the frequency of the measurements, the nature, size and representativeness of the samples.*<br>• *The bulk density for bulk material must have been measured by methods that adequately account for void spaces (vugs, porosity, etc), moisture and differences between rock and alteration zones within the deposit.*<br>• *Discuss assumptions for bulk density estimates used in the evaluation process of the different materials.* | • Not applicable |
| *Classification* | • *The basis for the classification of the Mineral Resources into varying confidence categories.*<br>• *Whether appropriate account has been taken of all relevant factors (ie relative confidence in tonnage/grade estimations, reliability of input data, confidence in continuity of geology and metal values, quality, quantity and distribution of the data).*<br>• *Whether the result appropriately reflects the Competent Person's* | • Not applicable |

| Criteria | JORC Code explanation | Commentary |
|---|---|---|
| | *view of the deposit.* | |
| *Audits or reviews* | • *The results of any audits or reviews of Mineral Resource estimates.* | • Not applicable |
| *Discussion of relative accuracy/ confidence* | • *Where appropriate a statement of the relative accuracy and confidence level in the Mineral Resource estimate using an approach or procedure deemed appropriate by the Competent Person. For example, the application of statistical or geostatistical procedures to quantify the relative accuracy of the resource within stated confidence limits, or, if such an approach is not deemed appropriate, a qualitative discussion of the factors that could affect the relative accuracy and confidence of the estimate.*<br>• *The statement should specify whether it relates to global or local estimates, and, if local, state the relevant tonnages, which should be relevant to technical and economic evaluation. Documentation should include assumptions made and the procedures used.*<br>• *These statements of relative accuracy and confidence of the estimate should be compared with production data, where available.* | • Not applicable |

## Section 4 Estimation and Reporting of Ore Reserves

(Criteria listed in section 1, and where relevant in sections 2 and 3, also apply to this section.)

| Criteria | JORC Code explanation | Commentary |
|---|---|---|
| *Mineral Resource estimate for conversion to Ore Reserves* | • *Description of the Mineral Resource estimate used as a basis for the conversion to an Ore Reserve.*<br>• *Clear statement as to whether the Mineral Resources are reported additional to, or inclusive of, the Ore Reserves.* | • Not applicable |
| *Site visits* | • *Comment on any site visits undertaken by the Competent Person and the outcome of those visits.*<br>• *If no site visits have been undertaken indicate why this is the case.* | • Not applicable |
| *Study status* | • *The type and level of study undertaken to enable Mineral Resources to be converted to Ore Reserves.*<br>• *The Code requires that a study to at least Pre-Feasibility Study level has been undertaken to convert Mineral Resources to Ore Reserves. Such studies will have been carried out and will have determined a mine plan that is technically achievable and economically viable, and that material Modifying Factors have been considered.* | • Not applicable |

| Criteria | JORC Code explanation | Commentary |
|---|---|---|
| *Cut-off parameters* | • *The basis of the cut-off grade(s) or quality parameters applied.* | • Not applicable |
| *Mining factors or assumptions* | • *The method and assumptions used as reported in the Pre-Feasibility or Feasibility Study to convert the Mineral Resource to an Ore Reserve (i.e. either by application of appropriate factors by optimisation or by preliminary or detailed design).*<br>• *The choice, nature and appropriateness of the selected mining method(s) and other mining parameters including associated design issues such as pre-strip, access, etc.*<br>• *The assumptions made regarding geotechnical parameters (eg pit slopes, stope sizes, etc), grade control and pre-production drilling.*<br>• *The major assumptions made and Mineral Resource model used for pit and stope optimisation (if appropriate).*<br>• *The mining dilution factors used.*<br>• *The mining recovery factors used.*<br>• *Any minimum mining widths used.*<br>• *The manner in which Inferred Mineral Resources are utilised in mining studies and the sensitivity of the outcome to their inclusion.*<br>• *The infrastructure requirements of the selected mining methods.* | • Not applicable |
| *Metallurgical factors or assumptions* | • *The metallurgical process proposed and the appropriateness of that process to the style of mineralisation.*<br>• *Whether the metallurgical process is well-tested technology or novel in nature.*<br>• *The nature, amount and representativeness of metallurgical test work undertaken, the nature of the metallurgical domaining applied and the corresponding metallurgical recovery factors applied.*<br>• *Any assumptions or allowances made for deleterious elements.*<br>• *The existence of any bulk sample or pilot scale test work and the degree to which such samples are considered representative of the orebody as a whole.*<br>• *For minerals that are defined by a specification, has the ore reserve estimation been based on the appropriate mineralogy to meet the specifications?* | • Not applicable |
| *Environmen-tal* | • *The status of studies of potential environmental impacts of the mining and processing operation. Details of waste rock characterisation and the consideration of potential sites, status of design options considered and, where applicable, the status of approvals for process residue storage and waste dumps should be reported.* | • Not applicable |

| Criteria | JORC Code explanation | Commentary |
|---|---|---|
| *Infrastructure* | • *The existence of appropriate infrastructure: availability of land for plant development, power, water, transportation (particularly for bulk commodities), labour, accommodation; or the ease with which the infrastructure can be provided, or accessed.* | • Not applicable |
| *Costs* | • *The derivation of, or assumptions made, regarding projected capital costs in the study.*<br>• *The methodology used to estimate operating costs.*<br>• *Allowances made for the content of deleterious elements.*<br>• *The source of exchange rates used in the study.*<br>• *Derivation of transportation charges.*<br>• *The basis for forecasting or source of treatment and refining charges, penalties for failure to meet specification, etc.*<br>• *The allowances made for royalties payable, both Government and private.* | • Not applicable |
| *Revenue factors* | • *The derivation of, or assumptions made regarding revenue factors including head grade, metal or commodity price(s) exchange rates, transportation and treatment charges, penalties, net smelter returns, etc.*<br>• *The derivation of assumptions made of metal or commodity price(s), for the principal metals, minerals and co-products.* | • Not applicable |
| *Market assessment* | • *The demand, supply and stock situation for the particular commodity, consumption trends and factors likely to affect supply and demand into the future.*<br>• *A customer and competitor analysis along with the identification of likely market windows for the product.*<br>• *Price and volume forecasts and the basis for these forecasts.*<br>• *For industrial minerals the customer specification, testing and acceptance requirements prior to a supply contract.* | • Not applicable |
| *Economic* | • *The inputs to the economic analysis to produce the net present value (NPV) in the study, the source and confidence of these economic inputs including estimated inflation, discount rate, etc.*<br>• *NPV ranges and sensitivity to variations in the significant assumptions and inputs.* | • Not applicable |
| *Social* | • *The status of agreements with key stakeholders and matters leading to social licence to operate.* | • Not applicable |
| *Other* | • *To the extent relevant, the impact of the following on the project and/or on the estimation and classification of the Ore Reserves:*<br>• *Any identified material naturally occurring risks.* | • Not applicable |

| Criteria | JORC Code explanation | Commentary |
|---|---|---|
| | • *The status of material legal agreements and marketing arrangements.*<br>• *The status of governmental agreements and approvals critical to the viability of the project, such as mineral tenement status, and government and statutory approvals. There must be reasonable grounds to expect that all necessary Government approvals will be received within the timeframes anticipated in the Pre-Feasibility or Feasibility study. Highlight and discuss the materiality of any unresolved matter that is dependent on a third party on which extraction of the reserve is contingent.* | |
| *Classification* | • *The basis for the classification of the Ore Reserves into varying confidence categories.*<br>• *Whether the result appropriately reflects the Competent Person's view of the deposit.*<br>• *The proportion of Probable Ore Reserves that have been derived from Measured Mineral Resources (if any).* | • Not applicable |
| *Audits or reviews* | • *The results of any audits or reviews of Ore Reserve estimates.* | • Not applicable |
| *Discussion of relative accuracy/ confidence* | • *Where appropriate a statement of the relative accuracy and confidence level in the Ore Reserve estimate using an approach or procedure deemed appropriate by the Competent Person. For example, the application of statistical or geostatistical procedures to quantify the relative accuracy of the reserve within stated confidence limits, or, if such an approach is not deemed appropriate, a qualitative discussion of the factors which could affect the relative accuracy and confidence of the estimate.*<br>• *The statement should specify whether it relates to global or local estimates, and, if local, state the relevant tonnages, which should be relevant to technical and economic evaluation. Documentation should include assumptions made and the procedures used.*<br>• *Accuracy and confidence discussions should extend to specific discussions of any applied Modifying Factors that may have a material impact on Ore Reserve viability, or for which there are remaining areas of uncertainty at the current study stage.*<br>• *It is recognised that this may not be possible or appropriate in all circumstances. These statements of relative accuracy and confidence of the estimate should be compared with production data, where available.* | • Not applicable |

## Section 5 Estimation and Reporting of Diamonds and Other Gemstones

(Criteria listed in other relevant sections also apply to this section. Additional guidelines are available in the 'Guidelines for the Reporting of Diamond Exploration Results' issued by the Diamond Exploration Best Practices Committee established by the Canadian Institute of Mining, Metallurgy and Petroleum.)

| Criteria | JORC Code explanation | Commentary |
|---|---|---|
| *Indicator minerals* | • *Reports of indicator minerals, such as chemically/physically distinctive garnet, ilmenite, chrome spinel and chrome diopside, should be prepared by a suitably qualified laboratory.* | • Not applicable |
| *Source of diamonds* | • *Details of the form, shape, size and colour of the diamonds and the nature of the source of diamonds (primary or secondary) including the rock type and geological environment.* | • Not applicable |
| *Sample collection* | • *Type of sample, whether outcrop, boulders, drill core, reverse circulation drill cuttings, gravel, stream sediment or soil, and purpose (eg large diameter drilling to establish stones per unit of volume or bulk samples to establish stone size distribution).*<br>• *Sample size, distribution and representivity.* | • Not applicable |
| *Sample treatment* | • *Type of facility, treatment rate, and accreditation.*<br>• *Sample size reduction. Bottom screen size, top screen size and re-crush.*<br>• *Processes (dense media separation, grease, X-ray, hand-sorting, etc).*<br>• *Process efficiency, tailings auditing and granulometry.*<br>• *Laboratory used, type of process for micro diamonds and accreditation.* | • Not applicable |
| *Carat* | • *One fifth (0.2) of a gram (often defined as a metric carat or MC).* | • Not applicable |
| *Sample grade* | • *Sample grade in this section of Table 1 is used in the context of carats per units of mass, area or volume.*<br>• *The sample grade above the specified lower cut-off sieve size should be reported as carats per dry metric tonne and/or carats per 100 dry metric tonnes. For alluvial deposits, sample grades quoted in carats per square metre or carats per cubic metre are acceptable if accompanied by a volume to weight basis for calculation.*<br>• *In addition to general requirements to assess volume and density there is a need to relate stone frequency (stones per cubic metre or tonne) to stone size (carats per stone) to derive sample grade (carats per tonne).* | • Not applicable |

| Criteria | JORC Code explanation | Commentary |
|---|---|---|
| *Reporting of Exploration Results* | • *Complete set of sieve data using a standard progression of sieve sizes per facies. Bulk sampling results, global sample grade per facies. Spatial structure analysis and grade distribution. Stone size and number distribution. Sample head feed and tailings particle granulometry.*<br>• *Sample density determination.*<br>• *Per cent concentrate and undersize per sample.*<br>• *Sample grade with change in bottom cut-off screen size.*<br>• *Adjustments made to size distribution for sample plant performance and performance on a commercial scale.*<br>• *If appropriate or employed, geostatistical techniques applied to model stone size, distribution or frequency from size distribution of exploration diamond samples.*<br>• *The weight of diamonds may only be omitted from the report when the diamonds are considered too small to be of commercial significance. This lower cut-off size should be stated.* | • Not applicable |
| *Grade estimation for reporting Mineral Resources and Ore Reserves* | • *Description of the sample type and the spatial arrangement of drilling or sampling designed for grade estimation.*<br>• *The sample crush size and its relationship to that achievable in a commercial treatment plant.*<br>• *Total number of diamonds greater than the specified and reported lower cut-off sieve size.*<br>• *Total weight of diamonds greater than the specified and reported lower cut-off sieve size.*<br>• *The sample grade above the specified lower cut-off sieve size.* | • Not applicable |
| *Value estimation* | • *Valuations should not be reported for samples of diamonds processed using total liberation method, which is commonly used for processing exploration samples.*<br>• *To the extent that such information is not deemed commercially sensitive, Public Reports should include:*<br>  ○ *diamonds quantities by appropriate screen size per facies or depth.*<br>  ○ *details of parcel valued.*<br>  ○ *number of stones, carats, lower size cut-off per facies or depth.*<br>• *The average $/carat and $/tonne value at the selected bottom cut-off should be reported in US Dollars. The value per carat is of critical importance in demonstrating project value.*<br>• *The basis for the price (eg dealer buying price, dealer selling price, etc).* | • Not applicable |

| Criteria | JORC Code explanation | Commentary |
|---|---|---|
| | • *An assessment of diamond breakage.* | |
| *Security and integrity* | • *Accredited process audit.*<br>• *Whether samples were sealed after excavation.*<br>• *Valuer location, escort, delivery, cleaning losses, reconciliation with recorded sample carats and number of stones.*<br>• *Core samples washed prior to treatment for micro diamonds.*<br>• *Audit samples treated at alternative facility.*<br>• *Results of tailings checks.*<br>• *Recovery of tracer monitors used in sampling and treatment.*<br>• *Geophysical (logged) density and particle density.*<br>• *Cross validation of sample weights, wet and dry, with hole volume and density, moisture factor.* | • Not applicable |
| *Classification* | • *In addition to general requirements to assess volume and density there is a need to relate stone frequency (stones per cubic metre or tonne) to stone size (carats per stone) to derive grade (carats per tonne). The elements of uncertainty in these estimates should be considered, and classification developed accordingly.* | • Not applicable |