

# High-grade copper assays at Fiery Creek Project (Updated)

### **Highlights:**

- Very high-grade copper surface samples highlight the prospectivity of the recently acquired Fiery Creek Project in the Mt Isa copper belt, Queensland
- Results returned from multiple prospects across the Project area from previous exploration by majors Sumitomo, Anglo American and MIM Holdings
- Fiery Creek is under-explored and located in an interpreted favourable geological setting and is an exploration priority for Aruma
- Historic drilling also completed anomalous copper results returned with extensive red-rock (hematite) alteration consistent with a fertile copper system
- Aruma plans to explore Fiery Creek for stratiform copper deposits and IOCG mineralisation

Aruma Resources Limited (**ASX: AAJ**) (**Aruma** or **the Company**) is pleased to report high-grade copper assay results from the Fiery Creek Copper Project in the Mt Isa copper belt, in northern Queensland.

The results come from surface rock chip sampling programs carried out by previous explorers at the Project area including Sumitomo and Anglo American. Highlight results included;

- 36% Cu Sumitomo (FCR547) <sup>1,4</sup>
- 36% Cu Sumitomo (FCR534) <sup>1,4</sup>
- 25.4% Cu Anglo American (11502)<sup>2</sup>
- 15.2% Cu Anglo American (10733)<sup>2</sup>
- 11.2% Cu Anglo American (10260) <sup>2</sup>

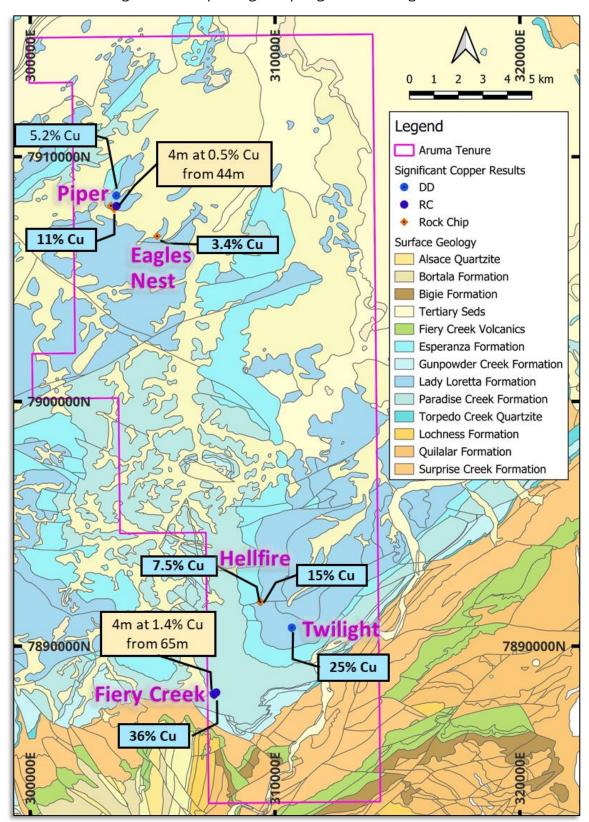
The above results come from multiple prospects across the Project area, including at the Fiery Creek, Twilight, Hellfire and Piper prospects (Figure 1 and Table 1). Aruma plans to explore the Project for stratiform copper deposits, and will also assess its IOCG (Iron Oxide Copper Gold) potential.

These results are from programs undertaken between 1996 and 2008 and were not reported in accordance with JORC Code 2012 and a Competent Person has not done sufficient work to disclose the Exploration Results in accordance with the JORC Code 2012. It is possible that following further evaluation and/or exploration work that the confidence in the prior reported Exploration Results may be reduced when reported under the JORC Code 2012. Nothing has come to the attention of

**Business Office** 



Aruma that causes it to question the accuracy or reliability of the former owners' Exploration Results but Aruma has not independently validated the former owners' Exploration Results and therefore is not to be regarded as reporting, adopting or endorsing those results.



**Figure 1:** Local geology plan of Fiery Creek Project with significant surface samples (blue boxes). Significant drilling intersections are also shown. The pale blue geology units are the fine grained reactive carbonate sedimentary units (Map Projection GDA94 z54).



#### Location

The Fiery Creek Project is located in the northern area of the Mt Isa region. The geology of the Project area is interpreted as being analogous to the units that host copper deposits within the western fold belt of the Mount Isa Inlier.

Anglo American own the majority of the tenure neighbouring Fiery Creek and the ground has been previously held by MIM Holdings (now Glencore), BHP, RIO Tinto and Sumitomo. Minimal work has been done at the Project area to date – including limited drilling by Sumitomo<sup>4</sup> and MIM Holdings<sup>3</sup>.

### Aruma Resources managing director Glenn Grayson said:

"We are thrilled with these historical results from the Fiery Creek Project and about the Project's significant potential. The Project has been subject to limited previous exploration from majors such as Sumitomo and Anglo American, amongst others, which delivered encouraging results including very high-grade copper in surface rock chip samples. The underexplored nature of the Project area combined with the positive historic results and favourable geological setting in the prolific Mt Isa minerals district provide an exciting exploration opportunity for Aruma."

### **Next Steps**

Aruma announced the proposed acquisition of the Fiery Creek Project (EPM 27879) as part of a portfolio of copper and uranium exploration assets in Queensland and South Australia (ASX announcement 27 May 2024). Completion of the acquisition is subject to Aruma shareholder approval to be sought at an EGM on 1 August 2024.

Subject to shareholder approval, Aruma plans to implement a systematic exploration strategy across the new project areas. Initial on-ground field work at Fiery Creek will include mapping and surface sampling programs. The timing of this next stage of exploration is anticipated to commence within the next six months.

Government-scale gravity and magnetic surveys have been conducted at the Fiery Creek area, and will be followed by a detailed gravity survey designed to understand the structure and alteration systems present within the tenure. Subject to results, magnetic surveys and follow-up electromagnetic surveys of targets generated will then be undertaken.

The objective of these programs is to deliver drill-ready targets for a maiden drilling program at the Fiery Creek Project.

### **Fiery Creek - Geological Commentary**

The Fiery Creek Project is strategically positioned within the Mt Isa Inlier. The central geological feature of the tenement is the Mellish Park Syncline, which gently folds the Surprise Creek, Esperanza, and Paradise Creek Formations, which all host highly reactive dolomitic siltstones (Figure 2) which host significant copper ore bodies in the district.

The Fiery Creek Fault, a significant spur off the Termite Range Fault, passes through the south-eastern corner of the Project, acting as a potential conduit for metalliferous fluids. Historical exploration by major companies Sumitomo, Anglo American, and MIM Holdings underscores the Project's appeal based on its favourable structural and stratigraphic settings.

Historical exploration at Fiery Creek has yielded very high-grade results in surface rock chip sampling at multiple prospects, including; **36% Cu** in sample FCR547 and **36% Cu** (FCR534) by



Sumitomo at the Fiery Creek Prospect, and **25.4% Cu** (11502) at the Twilight prospect and **15.2%** Cu (10733) and **7.5% Cu** (10708) at the Hellfire prospect by Anglo American (Figure 2, Table 1).

### **Previous Drilling**

Limited historic drilling has also been completed at the Fiery Creek Project. MIM Holdings conducted drilling at the Piper prospect<sup>3</sup>, returning zones of supergene copper mineralisation, including 4m at 0.48% Cu from 44m in AD009R (Figure 1 and Table 2) and broad zones of anomalous copper in fresh rock.

Diamond drilling highlighted significant zones of 'red-rock hematite alteration' (Figure 2), a well-known indicator of copper mineralisation. This is interpreted to enhance the prospectivity for primary copper mineralisation in this area.

Sumitomo's exploration at the Fiery Creek prospect in the southern portion of the Project identified highly anomalous percent-level copper in drilling, including; 4m at 1.4% Cu from 65m in FC08DD010<sup>4</sup> (Figure 1 and Table 2).

These results are interpreted to suggest the presence of a potentially significant copper system. Further exploration is required to define scale and economic potential. The presence of 'red-rock hematite alteration' in this drilling is a further indicator of the prospectivity for primary copper mineralisation.

| Company  | Prospect    | Sample    | ID      | Easting | Northing | Anomaly              |
|----------|-------------|-----------|---------|---------|----------|----------------------|
|          |             | Type      |         |         |          |                      |
| Sumitomo | Fiery Creek | Rock Chip | FCR547  | 307523  | 7887977  | 36% Cu               |
| Sumitomo | Fiery Creek | Rock Chip | FCR534  | 307514  | 7888005  | 36% Cu               |
| Anglo    | Twilight    | Rock Chip | 11502   | 310691  | 7890722  | 25.4% Cu             |
| American | Hellfire    | Rock Chip | 10733   | 309412  | 7891806  | 15.2% Cu             |
|          | Piper       | Rock Chip | 10260   | 303435  | 7907856  | 11.2% Cu             |
|          | Hellfire    | Rock Chip | 10708   | 309399  | 7891799  | 7.5% Cu              |
| MIM      | Piper       | Rock Chip | MQ56135 | 303300  | 7908000  | 5.2% cu              |
| IVIIIVI  | Eagles Nest | Rock Chip | QQ86506 | 305180  | 7906755  | 1.75% Zn and 3.4% Cu |

**Table 1:** Anomalous Rock Chips from Fiery Creek (Projection GDA94 z54)

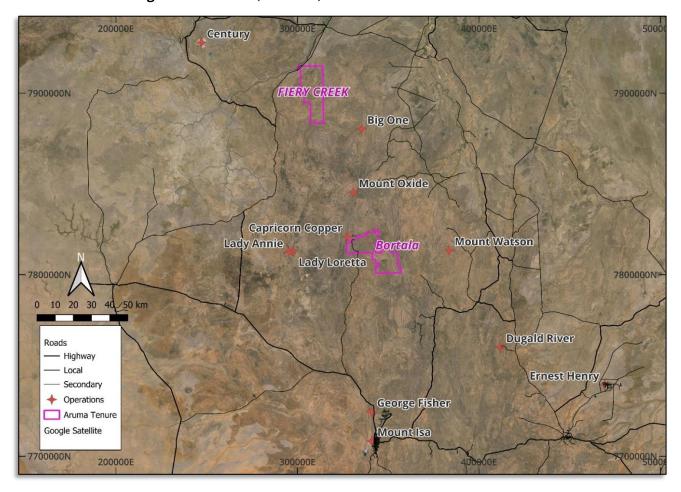
| Prospect    | <b>Drill Type</b> | ID        | Easting | Northing | From  | To  | Sig Int          |
|-------------|-------------------|-----------|---------|----------|-------|-----|------------------|
| Fiery Creek | RC – Collar       | FC08DD010 | 307598  | 7888106  | 65    | 69  | 4m at 1.4% Cu    |
|             |                   |           |         |          | 73    | 75  | 2m at 0.44% Cu   |
|             | DD                |           |         |          | 85    | 86  | 2m at 0.32% Cu   |
|             |                   |           |         |          | 109   | 110 | 1m at 0.68% Cu   |
|             | RC – Collar       | FC08RC008 | 307506  | 7888029  | 67    | 69  | 2m at 0.67% Cu   |
|             |                   | FC08RC008 | 307506  | 7888029  | 79    | 81  | 2m at 0.61% Cu   |
|             |                   | FC08RC008 | 307506  | 7888029  | 87    | 91  | 4m at 0.51% Cu   |
| Piper       | DD                | AD026PD   | 303516  | 7908417  | 126   | 127 | 1m at 0.36% Cu   |
| Piper       |                   |           |         |          | 186   | 187 | 1m at 0.65% Cu   |
| Piper       | RC                | AD009R    | 303524  | 7907988  | 44    | 48  | 4m at 0.48% Cu   |
| Fiery Creek | DD                | FC08DD013 | 307491  | 7888069  | 117   | 118 | 1m at 0.44% Cu   |
| Twilight    | DD                | MP3       | 310688  | 7890755  | 255.5 | 256 | 0.5m at 0.35% Cu |

**Table 2:** Significant Intercepts from Fiery Creek Project (Copper cut-off of 0.30% Cu; Projection GDA94 z54)





Figure 2: Red Rock (Hematite) Alteration in drill hole FC08DD010



**Figure 3:** Location of Aruma projects in the Mt Isa district along with significant deposits in the region (Map Projection GDA94 z54).



This announcement has been authorised for release by the Board of Aruma Resources Ltd.

#### **ENDS**

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#### **About Aruma Resources**

Aruma Resources Limited (ASX: AAJ) is an ASX-listed minerals exploration company focused on the exploration and development of a portfolio of prospective projects in high-demand commodities – copper and uranium - in world-class mineral belts, in South Australia and Queensland. It also holds gold, lithium and REE prospective projects in Western Australia



Figure 4: Aruma Resources project locations.



### **Additional Information regarding historical Exploration Results**

The reported Exploration Results were obtained from the technical reporting that is an annual requirement for holding mineral exploration titles within Queensland. The reports that these results have been obtained from are referenced below and are available from the Geological Survey of Queensland as part of their GSQ Open Portal.

These results are not being reported to be compliant with JORC2012, as all the information required has not been recorded. The Sumitomo (2008) results are considered to be JORC 2004 compliant, and the Anglo American (2003) and MIM (1996) data being JORC 1990 compliant. Detailed information about how sampling and assaying was performed has not been recorded. Location information is also rudimentary. The exploration results reported within the announcement is exploratory in nature and will not be used for the purposes of Mineral Resource Estimates.

Nothing has come to the attention of the Company to suggest these Exploration Results are unreliable. The companies undertaking the exploration reported are Teir 1 mining companies who a considered to be leaders in greenfield exploration. The targeting criteria undertaken has not been recorded in the available reports. No recent exploration data is available that would increase the understanding of these reported results.

Once the acquisition of the Project has been completed, Aruma plans on conducting systematic exploration in search of base metal mineralisation (Cu, Pb, Zn) using geological proven models (Stratiform Cu, Pb, Zn and OICG Cu & Au). Testing the reported results will be conducted through ground truthing and other suitable exploration techniques over the coming six months.

Aruma Resources Managing Director Mr Glenn Grayson is a member of both the AusIMM and AIG and is a competent person for the reporting of exploration results under JORC Code 2012. The information in this market announcement is an accurate representation of the available data for this exploration Project.

| Hole ID   | Grid   | Easting | Northing | RL  | Azi | Dip | Total<br>Depth |
|-----------|--------|---------|----------|-----|-----|-----|----------------|
| MP3       | AMGz54 | 310688  | 7890755  | 400 | 158 | -75 | 362            |
| FC08DD010 | AMGz54 | 307599  | 7888106  | 400 | 153 | -60 | 182.5          |
| FC08DD013 | AMGz54 | 307492  | 7888069  | 400 | 152 | -60 | 252            |
| FC08RC008 | AMGz54 | 307507  | 7888029  | 400 | 155 | -60 | 129            |
| AD026PD   | AMGz54 | 303516  | 7908417  | 400 | 185 | -70 | 212            |
| AD009R    | AMGz54 | 303524  | 7907988  | 400 | 180 | -70 | 111            |

**Table 3:** Drill hole summary table form historic drilling at Fiery Creek Project (Projection GDA94 z54)

<sup>&</sup>lt;sup>1</sup> Gregory, P. (2009). EPMs 14664 and 14885, Fiery Creek Project, Northwest Queensland: Annual Report for the Period Ending 23rd November 2008

<sup>&</sup>lt;sup>2</sup> Anglo American Exploration (Australia) Pty Ltd. (2003). *EPM 13264 "Fiery Creek" Annual & Final Report for the Period 6th August 2002 to 4th August 2003*.

<sup>&</sup>lt;sup>3</sup> MIM (1996) Technical Report for Eagles Nest. Report for Period ending 10<sup>th</sup> March 1996

<sup>&</sup>lt;sup>4</sup> Chadwick, R.C. (2009). *EPM 14664 and 14885, Fiery Creek Project, Northwest Queensland: Annual and Final Report for the Period Ended 23rd November 2009*. Sumitomo Metal Mining Oceania Pty Ltd. October 1, 2009.



### **Competent person statement**

The information in this release that relates to Exploration Results, Mineral Resources or Ore Reserves is based on information compiled by Glenn Grayson who is a Member of the Australian Institute of Geoscience (AIG). Mr Grayson is Managing Director and a full-time employee of the Company. Mr Grayson has sufficient experience that is relevant to the style of mineralisation and type of deposit under consideration and to the activity being undertaken to qualify as a Competent Person as defined in the 2012 Edition of the 'Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserve'. Mr Grayson consents to the inclusion in the release of the matters based on his information in the form and context in which it appears. All exploration results reported have previously been released to ASX and are available to be viewed on the Company website www.arumaresurces.com. The Company confirms it is not aware of any new information that materially affects the information included in the original announcement. The Company confirms that the form and context in which the Competent Person's findings are presented have not been materially modified from the original announcements.

### **Forwood Looking Statement**

Certain statements contained in this document constitute forward looking statements. Such forwardlooking statements are based on a number of estimates and assumptions made by the Company and its consultants in light of experience, current conditions and expectations of future developments which the Company believes are appropriate in the current circumstances. These estimates and assumptions while considered reasonable by the Company are subject to known and unknown risks, uncertainties and other factors which may cause the actual results, achievements and performance of the Company to be materially different from the future results and achievements expressed or implied by such forwardlooking statements. Forward looking statements include, but are not limited to, statements preceded by words such as "planned", "expected", "projected", "estimated", "may", "scheduled", "intends", "anticipates", "believes", "potential", "could", "nominal", "conceptual" and similar expressions. There can be no assurance that Aruma plans to develop exploration projects that will proceed with the current expectations. There can be no assurance that Aruma will be able to conform the presence of Mineral Resources or Ore Reserves, that any mineralisation will prove to be economic and will be successfully developed on any of Aruma's mineral properties. Investors are cautioned that forward looking information is no guarantee of future performance and accordingly, investors are cautioned not to place undue reliance on these forward-looking statements.

### Fiery Creek JORC 2012 Table 1

## **Section 1 Sampling Techniques and Data**

The following data is in relation to drill holes in the announcement and the individual holes are listed in the Announcement.

| Criteria                 | JORC Code explanation  | Commentary  |
|--------------------------|--|---|
| Sampling<br>techniques   | <ul> <li>Nature and quality of sampling (e.g. cut channels, random chips, or specific specialised industry standard measurement tools appropriate to the minerals under investigation, such as down hole gamma sondes, or handheld XRF instruments, etc.). These examples should not be taken as limiting the broad meaning of sampling.</li> <li>Include reference to measures taken to ensure sample representivity and the appropriate calibration of any measurement tools or systems used.</li> <li>Aspects of the determination of mineralisation that are Material to the Public Report.</li> <li>In cases where 'industry standard' work has been done this would be relatively simple (e.g. 'reverse circulation drilling was used to obtain 1 m samples from which 3 kg was pulverised to produce a 30 g charge for fire assay'). In other cases more explanation may be required, such as where there is coarse gold that has inherent sampling problems. Unusual commodities or mineralisation types (e.g. submarine nodules) may warrant disclosure of detailed information.</li> </ul> | <ul> <li>Rock chip and stream sediment samples at the Fiery Creek Tenement were collected by previous tenement holders and submitted for industry standard analysis for the period of operations.</li> <li>Rock chip and stream sediment programs were designed to provide vectors to mineralisation.</li> <li>Soil sampling grids were designed to provide vectors to mineralisation, with each grid location determined by existing nearby rock chip anomalies.</li> </ul>                                      |
| Drilling<br>techniques   | <ul> <li>Drill type (e.g. core, reverse circulation, open-hole hammer, rotary air blast,<br/>auger, Bangka, sonic, etc.) and details (e.g. core diameter, triple or standard<br/>tube, depth of diamond tails, face-sampling bit or other type, whether core is<br/>oriented and if so, by what method, etc.).</li> </ul>  | <ul> <li>Reverse circulation (RC) has been completed at the Fiery Creek tenements by the previous tenement holders to acceptable industry standards at the time is assumed. No further details have been recorded for the various drilling programs.</li> <li>Diamond drilling (DD) has been completed at the Fiery Creek tenements by the previous tenement holders to acceptable industry standards at the time is assumed. No further details have been recorded for the various drilling programs.</li> </ul> |
| Drill sample<br>recovery | <ul> <li>Method of recording and assessing core and chip sample recoveries and results assessed.</li> <li>Measures taken to maximise sample recovery and ensure representative nature of the samples.</li> <li>Whether a relationship exists between sample recovery and grade and whether sample bias may have occurred due to preferential loss/gain of fine/coarse material.</li> </ul>   | No drilling sample recovery has been kept on records, industry standard collection at the time of drilling has been assumed.  |
| Logging                  | Whether core and chip samples have been geologically and geotechnically logged to a level of detail to support appropriate Mineral Resource estimation,  | Industry standard logging has been assumed on RC and DD drilling at the Fiery Creek Tenement by the previous tenement holders.  |

| Criteria  | JORC Code explanation  | Commentary   |
|---|--|--|
|   | <ul> <li>mining studies and metallurgical studies.</li> <li>Whether logging is qualitative or quantitative in nature. Core (or costean, channel, etc.) photography.</li> <li>The total length and percentage of the relevant intersections logged.</li> </ul>  | Detailed DD logs have not been sited.  |
| Sub-sampling<br>techniques<br>and sample<br>preparation | <ul> <li>If core, whether cut or sawn and whether quarter, half or all core taken.</li> <li>If non-core, whether riffled, tube sampled, rotary split, etc and whether sampled wet or dry.</li> <li>For all sample types, the nature, quality and appropriateness of the sample preparation technique.</li> <li>Quality control procedures adopted for all sub-sampling stages to maximise representivity of samples.</li> <li>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.</li> <li>Whether sample sizes are appropriate to the grain size of the material being sampled.</li> </ul> | All historic sampling techniques are assumed to have been completed to the then industry standards by previous tenement holders. Detailed records for sampling techniques, sample intervals or field QC have not been kept. Drilling is regarded to be for exploration purposes only.  |
| Quality of<br>assay data<br>and<br>laboratory<br>tests  | <ul> <li>The nature, quality and appropriateness of the assaying and laboratory procedures used and whether the technique is considered partial or total.</li> <li>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.</li> <li>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.</li> </ul>   | <ul> <li>All historic assay techniques have assumed to have been completed to industry standard by previous tenement holders and there appointed certified laboratories.</li> <li>A copper cut-off of 0.30% has been used in this release for significant drill hole intercepts</li> </ul>   |
| Verification<br>of sampling<br>and assaying             | <ul> <li>The verification of significant intersections by either independent or alternative company personnel.</li> <li>The use of twinned holes.</li> <li>Documentation of primary data, data entry procedures, data verification, data storage (physical and electronic) protocols.</li> <li>Discuss any adjustment to assay data.</li> </ul>  | <ul> <li>Soil samples and geological information was previously captured on both local grids and standard datums and projections.</li> <li>Field data is captured manually and digitally to then industry standards.</li> <li>No adjustments have been made to assay data.</li> </ul>  |
| Location of<br>data points                              | <ul> <li>Accuracy and quality of surveys used to locate drill holes (collar and down-hole surveys), trenches, mine workings and other locations used in Mineral Resource estimation.</li> <li>Specification of the grid system used.</li> <li>Quality and adequacy of topographic control.</li> </ul>  | <ul> <li>Soil samples and geological information by MIM, Anglo American and Sumitomo was recorded manually with the location being a local grid manually surveyed from known locations.</li> <li>Older data was collected using local grids and standard surveying systems used from known surveyed locations.</li> <li>Hole surveys are completed to industry standard at the time of survey being undertaken.</li> </ul> |

| Criteria  | JORC Code explanation  | Commentary  |
|---|--|---|
|   |  | More recent drilling was located using GPS in either WGS84 or GDA94 UTM projections.  |
| Data spacing<br>and<br>distribution                     | <ul> <li>Data spacing for reporting of Exploration Results.</li> <li>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.</li> <li>Whether sample compositing has been applied.</li> </ul>                                 | <ul> <li>Sample spacing and distribution is not sufficient to establish the degree of geological and grade continuity appropriate for a Mineral Resource.</li> <li>Early stage exploration only with no known mineralisation established for a mineral resource.</li> </ul> |
| Orientation of data in relation to geological structure | <ul> <li>Whether the orientation of sampling achieves unbiased sampling of possible structures and the extent to which this is known, considering the deposit type.</li> <li>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.</li> </ul> | At this early stage of exploration, mineralisation thickness's, orientation and dips are not known.   |
| Sample<br>security                                      | The measures taken to ensure sample security.  | All geochemical samples are assumed to have been maintained in a secure location and delivered securely to a certified laboratory.  |
| Audits or reviews                                       | The results of any audits or reviews of sampling techniques and data.  | <ul> <li>No audits were completed on any of the projects to the best of our knowledge.</li> <li>Sampling methodologies are assumed industry best practice at the time undertaken.</li> <li>The program has been reviewed by Senior Aruma personnel.</li> </ul>              |

Section 2 Reporting of Exploration Results
(Criteria listed in the preceding section also apply to this section.)

| Criteria   | JORC Code explanation  | Commentary   |
|--|--|--|
| Mineral<br>tenement and<br>land tenure<br>status | <ul> <li>Type, reference name/number, location and ownership including agreements or material issues with third parties such as joint ventures, partnerships, overriding royalties, native title interests, historical sites, wilderness or national park and environmental settings.</li> <li>The security of the tenure held at the time of reporting along with any known impediments to obtaining a licence to operate in the area.</li> </ul> | <ul> <li>The Fiery Creek Project is located ~200km north of Mt Isa, and south of the small township of Gregory. EPM28271 is ~300km²</li> <li>There are no known impediments to Aruma being able to explore the Fiery Creek project.</li> </ul>   |
| Exploration<br>done by other<br>parties          | Acknowledgment and appraisal of exploration by other parties.  | <ul> <li>A mix of gold, copper, lead and zinc exploration has been undertaken in the region over the past 60 years. The historical exploration work has generated indications of copper and zinc from surface geochemical sampling and drilling.</li> <li>Literature research from the GeoResGlobe system controlled by the Queensland Geological Survey and is the repository for mining and resource maps and spatial</li> </ul> |

| Criteria  | JORC Code explanation   | Commentary  |
|---|---|---|
|   |   | <ul> <li>data.</li> <li>Other companies to have undertaken exploration at Fiery Creek include BHP, MIM, Sumitomo and Rio Tinto. The fine grained carbonate rocks of the area are considered prospective for Isa style base metal mineralisation and for this reason the large companies have held the ground previously.</li> </ul>   |
| Geology   | Deposit type, geological setting and style of mineralisation.   | Deposit style being explored for are sedimentary Mt Isa style mineralisation (Cu, Pb, Zn) and IOCG "Cloncurry" style mineralisation   |
| Drill hole<br>Information   | <ul> <li>A summary of all information material to the understanding of the exploration results including a tabulation of the following information for all Material drill holes:         <ul> <li>easting and northing of the drill hole collar</li> <li>elevation or RL (Reduced Level – elevation above sea level in metres) of the drill hole collar</li> <li>dip and azimuth of the hole</li> <li>down hole length and interception depth</li> <li>hole length.</li> </ul> </li> <li>If the exclusion of this information is justified on the basis that the information is not Material and this exclusion does not detract from the understanding of the report, the Competent Person should clearly explain why this is the case.</li> </ul> | <ul> <li>All material drilling information for exploration results is included in the body of this report.</li> <li>The drilling reported is from 1990s and 2008. and every attempt to provide correct drill hole data has been made from scans of paper logs and results and reported in Annual Technical reports bi-annually at the time.</li> </ul>  |
| Data<br>aggregation<br>methods  | <ul> <li>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.</li> <li>Where aggregate intercepts incorporate short lengths of high grade results and longer lengths of low grade results, the procedure used for such aggregation should be stated and some typical examples of such aggregations should be shown in detail.</li> <li>The assumptions used for any reporting of metal equivalent values should be clearly stated.</li> </ul>   | <ul> <li>When exploration results have been reported, the intercepts are reported as weighted average grades over intercept lengths defined by geology or lower cutoff grades, without high grade cuts applied. Where aggregate intercepts incorporated short lengths of high-grade results, these results were included in the reports.</li> <li>Drill holes are oriented to get intersections as close to true widths as possible with minimum geological information</li> <li>Metal equivalents have not been used.</li> </ul> |
| Relationship<br>between<br>mineralisation<br>widths and<br>intercept<br>lengths | <ul> <li>These relationships are particularly important in the reporting of Exploration Results.</li> <li>If the geometry of the mineralisation with respect to the drill hole angle is known, its nature should be reported.</li> <li>If it is not known and only the down hole lengths are reported, there should be a clear statement to this effect (eg 'down hole length, true width not known').</li> </ul>   | <ul> <li>The orientation, true width, and geometry of mineralised zones have been primarily determined by interpretation of historical drilling and continued investigation and verification of Aruma.</li> <li>Drill intercepts are reported as downhole widths not true widths.</li> </ul>  |
| Diagrams  | <ul> <li>Appropriate maps and sections (with scales) and tabulations of intercepts should<br/>be included for any significant discovery being reported These should include, but<br/>not be limited to a plan view of drill hole collar locations and appropriate sectional</li> </ul>  | Appropriate maps are included in the main body of this report.  |

| Criteria                                    | JORC Code explanation   | Commentary  |
|---|---|---|
|   | views.  |   |
| Balanced<br>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.   | <ul> <li>Public reporting of exploration results by Aruma and past tenement holders and explorers are considered balanced.</li> <li>The proportion of mineralized and unmineralized holes are clearly stated in the report</li> </ul> |
| Other<br>substantive<br>exploration<br>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. | All information is historic for the Fiery Creek project. No other substantive data is available to elaborate further on these results.  |
| Further work                                | <ul> <li>The nature and scale of planned further work (eg tests for lateral extensions or depth extensions or large-scale step-out drilling).</li> <li>Diagrams clearly highlighting the areas of possible extensions, including the main geological interpretations and future drilling areas, provided this information is not commercially sensitive.</li> </ul>                   | Aruma Resources intend to continue exploration and drilling activities in the described area.   |