



26 September 2024

## WORLD CLASS COPPER POTENTIAL INCREASED AT YATAGA COPPER PROJECT – GEORGETOWN, QLD

- Recent surface geochemical surveys have updated EMU’s geological modelling and identified multiple intra-pluton porphyry copper centres close to surface within the Yataga Copper Project at Georgetown in Far North Queensland.
- EMU’s consultants have advised that these porphyry centres are concentrated along a “structural belt” and modelled to be near surface and their advice is that the unusual character of these intra-pluton copper centres may be analogous to the Highland Valley Copper Mine, where a series of porphyry copper deposits host Canada’s largest open pit copper mine which produced more than 130kt in 2021.
- Dr Gregg Morrison, Queensland-based Geological Consultant with 45 years’ experience, has accepted an invitation to be appointed Technical Advisor to the Project. His authority and significant knowledge of the metallogenic systems of northern Queensland adds substantial value to the developing discovery.
- EMU’s recent work has identified a combined area of 8km<sup>2</sup> of copper-in-soil anomalism with significant potential for expansion.
- Additional work includes;
  - a 220-line km airborne electromagnetic survey (results pending).
  - A 20-line km ground-based Pole-Dipole Induced Polarisation (PDIP) and Magnetotelluric (MT) survey currently underway.
- These geochemistry and geophysics survey results will provide an optimised low risk drilling program to be carried out in the near future.

EMU NL (“**EMU**” or “the **Company**”) is pleased to provide an update on recent exploration work at the Company’s newly named **Yataga Copper Project**<sup>1</sup>, located within the Yataga Igneous Complex near Georgetown in North Queensland.

<sup>1</sup> See “About Yataga Copper Project” Figure 4, p8.

## EMU Non-Executive Chairman Peter Thomas commented:

*“Whilst it is still early days, results from EMU’s field work continue to provide encouragement that this project has the potential to be a global Tier 1 scale copper discovery.*

*EMU has undertaken a meticulous, methodical and measured exploration programme guided by the best available expertise. EMU has carried out important geophysical and geochemical survey work that is assisting geological assessment of what appears to be high grade surface mineralisation indicating the presence of multiple Cu-bearing intrusive centres close to surface. EMU is determined to do a professional job driven by fundamentals and first principles.*

*Accordingly, EMU remains focused on establishing sound compelling drill vectors that give the project its best chances of success*

*Prudent and diligent field and desktop work being pursued is a comparatively low-cost avenue to optimise drilling efforts.*

*We are absolutely delighted and honoured to have secured the services of Dr Gregg Morrison, an expert in the style of mineralisation we are encountering at the Yataga Copper Project. Dr Morrison has already added value with his input to recent exploration and modelling. His technical knowledge on ore controls and hydrothermal system geometry will be invaluable in defining and building confidence in drill targets as we seek to unlock the potential large-scale economics of the project.*

*Our recent 27km<sup>2</sup> geochemistry field survey, has demonstrated vast copper-in-soil anomalism over an area of 8km<sup>2</sup> in aggregate reflecting very large potential. Our exploration team believes that the abundant and pervasive surficial expression of copper cannot be explained other than that there simply MUST be a near surface local concentrated source. Our goal is to find that source.*

*The team is working with preliminary pXRF geochemistry to delineate the likely mineralisation fluid-flow geometry leading to defining priority structural/geological drill targets. Meanwhile, we continue to take samples for geochemical analysis and to gather geophysical data directed at providing compelling vectors for drilling at Yataga and, additionally, to assess bonanza grade gold occurrences across the broader 850km<sup>2</sup> project.*

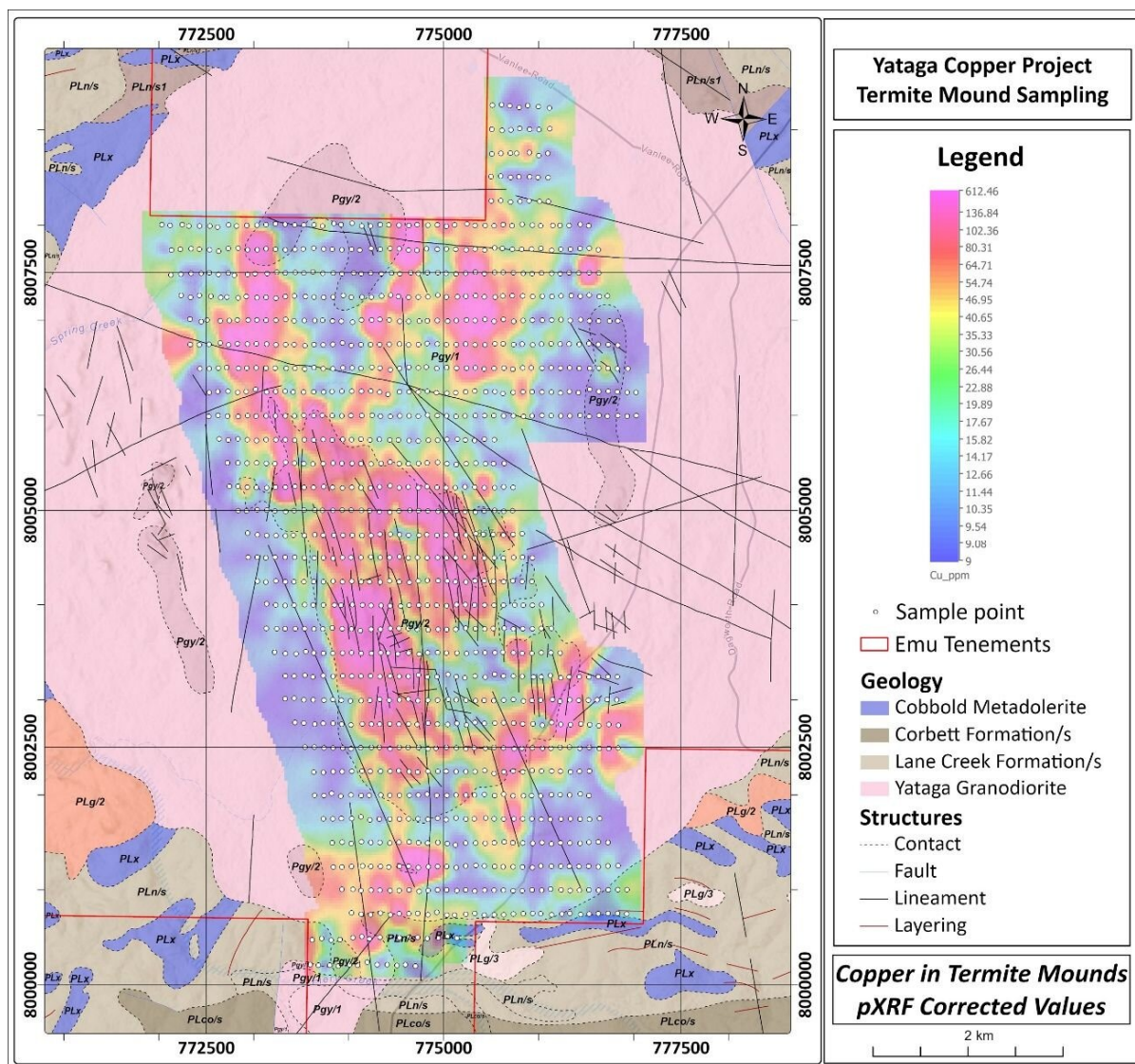
*EMU will prepare an appropriate drilling program the project once its team is comfortable that a higher level of confidence in targets can be achieved.”*

## Exploration Activity

EMU’s discovery team has made significant progress with the latest geochemistry field work. The termite mound sampling methodology has proven to be highly reliable and productive.

The 27km<sup>2</sup>, grid controlled pXRF (Portable X-Ray Fluorescence analyser) programme sampled 1152 termite mounds. The combined area of highly anomalous copper has been substantially extended with copper mineralisation surface expression now covering a vast area – approximately 8km<sup>2</sup> including the original discovery prospect – Fiery Creek. (See Figure 1). The potential to extend the area of copper mineralisation even further is possible and will follow from in field geochemistry and geophysics surveys currently in progress.

The areas of copper-in-soil anomalism delineated in this first-pass programme are defined as pXRF values ranging between 150 – 769 ppm Cu, equivalent to 5 – 25 times the average crustal abundance (or background values) for copper in granodiorites.



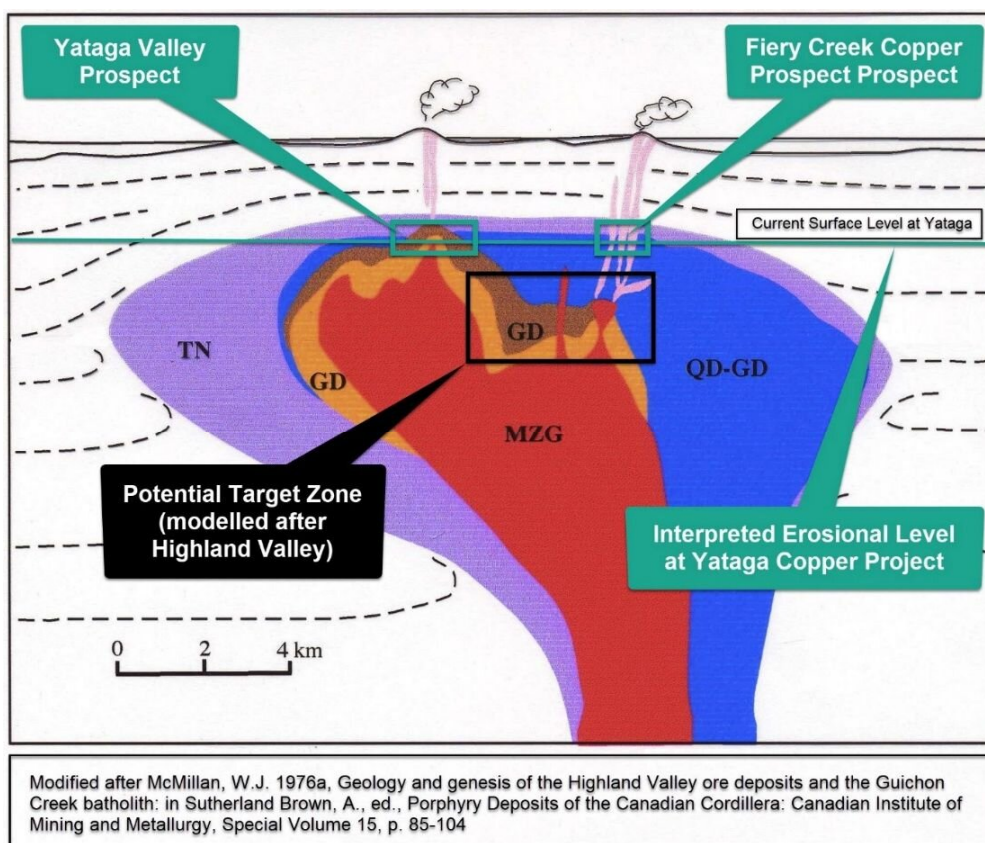
**Figure 1:** The termite mound geochemical sampling programme grid with Copper (Cu) heat map overlying geology. The main Cu-zones of Fiery Creek Prospect and Yataga Valley Prospect are clearly defined. (See also Figure 4.)

Modelling of the surface mineralisation indicates the presence of multiple Cu-bearing intrusive centres close to surface. Planned geophysical surveys to be conducted during September and October are targeted to “map” the 3-dimensional aspects of the mineralised pluton and provide information on mineral pathways and mineralisation signatures. The surveys will provide a depth component to the surface field data collected to date, enhancing the definition of the erosional level of the mineralised system and the depth extent of the pluton roof and the location of the stocks and dykes that are the source of mineralisation.

The modelling, based on surface geochemical anomalism, indicates multiple intrusive centres focussed along a “structural belt” with some centres exposed at surface and others occurring at shallow depths. This is analogous to the geological setting of the Highland Valley Copper Mines located in the province of British Columbia, that is the largest operating open-pit mine in Canada, producing more than 130kt of copper in 2021 and ~100kt in each of 2022 and 2023 (see Figure 2).

The “plutonic copper porphyry” mineralisation system appears to be large scale and provides EMU with encouragement that the Yataga Copper Project may yet represent one of the largest copper discoveries made in Queensland in recent times.

The Yataga mineralisation model shown in Figure 2 (below) is modified after the Highland Valley Copper deposits and illustrates the balloon shape of the host intrusion and the location of the copper anomalies both within the roof of the main intrusion and in the smaller stocks and dykes that originate in the core of the intrusion. The setting for the Fiery Creek Copper Prospect is interpreted from surface veining, stockwork and mineral dissemination as being in the roof of the intrusion but immediately underlain by mineralising stocks. whilst the Yataga Valley Prospect anomaly is interpreted to be located in the stock itself.

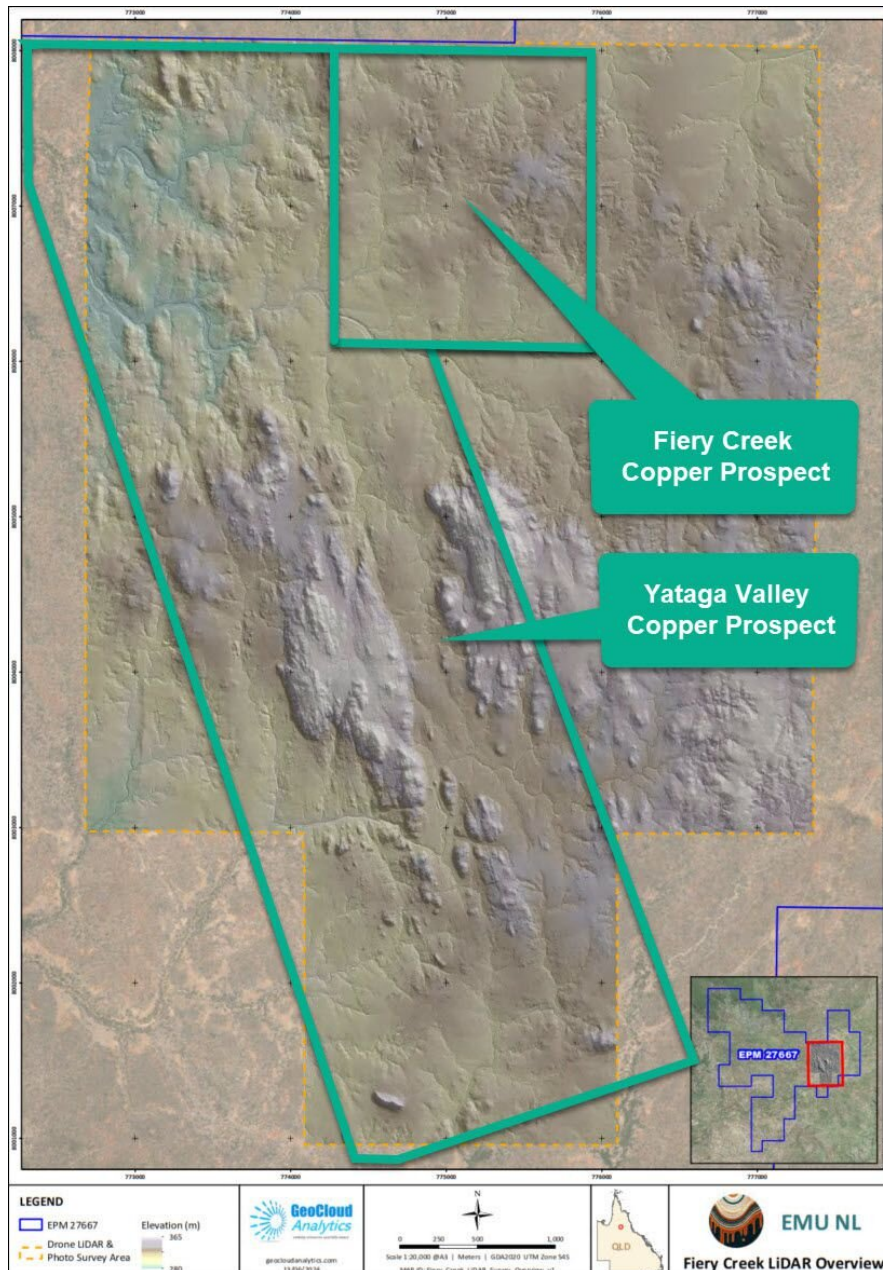


**Figure 2:** Conceptual magmatic pluton model for the Yataga Copper Project based on the analogous, Highland Valley mineral occurrence in BC, Canada.

### Drone LiDAR Survey

The termite mound sampling programme was planned utilising data processed from EMU’s successful 27km<sup>2</sup> drone LiDAR photogrammetry survey flown by aerial LiDAR and survey specialists Queensland Drones, during June – July 2024. The raw imagery was processed and interpreted by GeoCloud Analytics in Melbourne. The survey results provided EMU with precision and detail to plan for its grid-controlled geochemistry survey (see termite mound geochemical survey grid in Figure 1). The image, which depicts the new Yataga Valley Prospect, displays the extensive NW-SE shearing which is apparent within the intrusive complex.

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**Figure 3:** Drone LiDAR imagery showing the significance of shearing, faulting and structural settings within the Yataga Igneous Complex.

## Follow Up Work

EMU has commenced an in-field rock collection programme under the guidance of Dr Gregg Morrison. The programme is designed to sample specific rock types which will provide correlation and support for modelling of hydrothermal fluid flows and enhance targeting for future drilling. The rocks collected will also provide reference material for doctorate programmes conducted at the Economic Geology Research Unit (EGRU), James Cook University in Townsville Queensland. The rocks will be subjected to further evaluation including whole rock, major and trace element geochemistry, mineral separation and analysis for radiometric dating, mineral petrochemistry, alteration petrology and mineral chemistry.

Two geophysical data acquisition programmes are scheduled for completion in September and October 2024. A high-resolution Helicopter borne Time Domain Electromagnetic survey (HTDEM) was recently completed by NRG Geophysics Australia using their *Xcite* patented system with an 18m fully inflatable frame for the Tx and Rx loops allowing uninterrupted “soundings” from near surface to >300m depth of investigation. A total of 220-line km were flown at 500m line spacings for a total of 22 lines over the Yataga Igneous Complex. The programme was implemented with significant savings being secured by EMU, by tagging onto the NRG team’s conduct of a broad regional HTDEM survey over the regional Georgetown area for Geoscience Australia and Geological Survey of Queensland.

Additional to the airborne survey, Geophysical Resources and Services Pty Ltd (GRS) has been contracted to conduct targeted ground electrical geophysics using a MIMDAS system. This technique has true 3D capability and will acquire induced polarity (IP), resistivity (RES) and magnetotelluric (MT) data over approximately 20-30 line km spaced over the main copper targets. Lines will be read using the pole-dipole configuration. The GRS programme is currently underway.

An Aboriginal Heritage Survey has been completed by Ewamian Limited.

## About The Georgetown Tenements

- EMU has the right to earn up to an 80% interest in 3 exploration permits for minerals (EPM’s), covering 850km<sup>2</sup> in the Georgetown mining district, Queensland, under a Heads of Agreement and Joint Venture Agreement with Rugby Resources Ltd (TSXV:RUG).
- The district has a substantial mineral endowment with more than 1,000 mines, prospects and identified mineral occurrences.<sup>2</sup>
- Significant historical gold production from the district.
- Dozens of known highly significant mineral occurrences within the tenements which are under explored and unexploited, there having been little systematic modern exploration.
- Lithium potential has been highlighted by the Queensland Department of Natural Resources and Mines.<sup>3</sup>
- The EPM’s are highly prospective for large-scale precious, battery and base metals occurrences including gold, lithium, silver, lead, zinc, copper, tin, tantalum, niobium, uranium, fluorine and molybdenite.

<sup>2</sup> Queensland Department of Natural Resources GeoResGlobe Interactive Website  
“<https://georesglobe.information.qld.gov.au/>”

<sup>3</sup> “Emerging strategic minerals in Queensland”, July 2017, Queensland Department of Natural Resources and Mines.

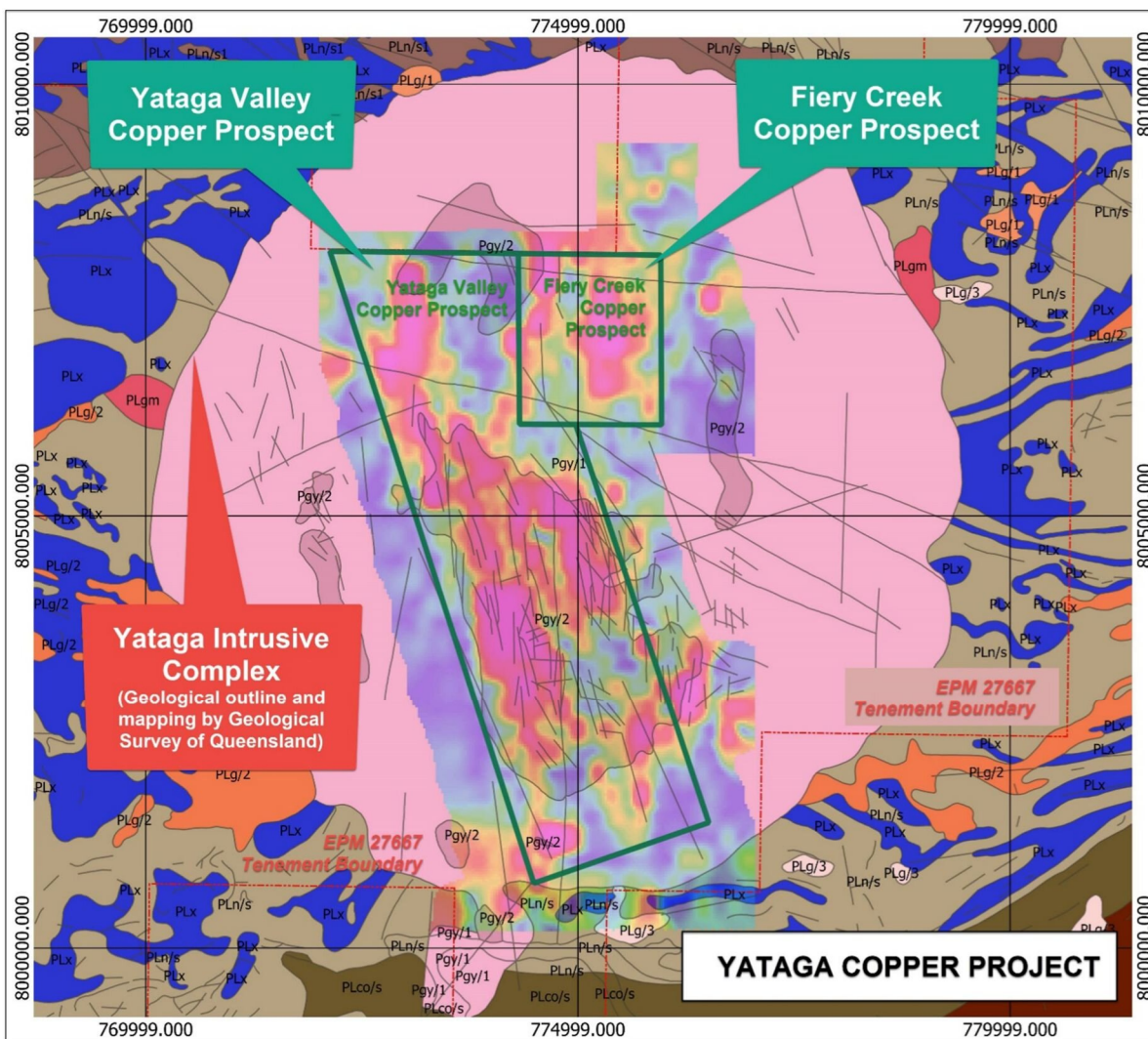
- Numerous silver-lead targets identified at Snake Creek and at the Munitions Creek prospects with historic zinc targets.
- Significant intrusive-related copper-silver target at the Yataga Copper Project within the Yataga Igneous Complex first discovered by EMU at the Fiery Creek Prospect and now extended with a new discovery at Yataga Valley Prospect.

### Definitions and Nomenclature

|                             |  |
|-----------------------------|--|
| Georgetown Tenements        | 3 tenements located at Georgetown QLD comprising approximately 850km   |
| Yataga Igneous Complex      | Intrusive granitoid body approximately 70km <sup>2</sup> located largely within tenement EPM 27667   |
| Yataga Copper Project       | The Yataga Igneous Complex - that falls within the boundary of EPM 27667   |
| Fiery Creek Copper Prospect | EMU's original discovery prospect located in and comprising a part of the northern area of the Yataga Copper Project                         |
| Yataga Valley Prospect      | Recent discovery of widespread surficial copper mineralisation along the NNW-SSE shear zone in the central part of the Yataga Copper Project |

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# Yataga Copper Project



**Figure 4.** The Yataga Copper Project showing the locations of the two prospects – Fiery Creek Prospect and Yataga Valley Prospect overlaying the copper geochemistry anomalous zones within the Yataga Igneous Complex.

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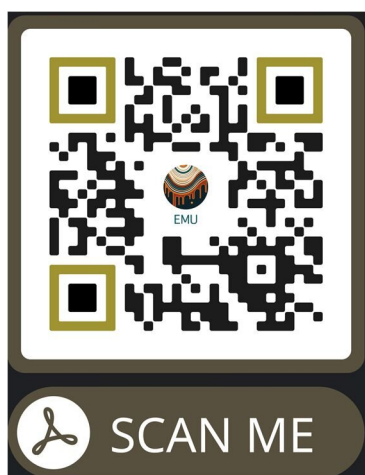


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**For further information, please contact:**

Doug Grewar  
**Chief Executive Officer**  
EMU NL  
[info@emunl.com.au](mailto:info@emunl.com.au)

Investors can sign into our interactive investor hub and join in on the conversation with Emu NL.  
<https://investorhub.emunl.com.au/auth/signup>



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**EMU NL**

ABN 50 127 291 927

**ASX Codes: EMU and EMUCA**

10 Walker Ave  
West Perth, WA 6005  
T +61 8 9226 4266  
E [info@emunl.com.au](mailto:info@emunl.com.au)

PO Box 1112  
West Perth, WA 6872

**Fully paid shares (listed)**

125,499,187 (net of 620,000 the subject of the ATM which EMU can buy back for nil consideration)

**Contributing Shares (listed)**

1,349,586 paid to \$0.90, \$0.90 to pay

**Contributing Shares (Unlisted)**

1,166,670 paid to \$0.003, \$1.20 to pay, no call before 31 December 2025

**Options (unlisted)**

5,748,486 options to acquire fully paid shares, exercisable at \$0.30 each, on or before 7 October 2024

10,579,193 options to acquire fully paid shares, exercisable at \$0.09 each, on or before 31 December 2026

**Performance Rights (Unlisted)**

1,619,051 performance rights in relation to acquisition of Gnows Nest project (can be repurchased for \$20k if Gnows Nest disposed of before 22.9.2025)

**Directors:****Peter Thomas**

Non-Executive Chairman

**Gavin Rutherford**

Non-Executive Director

**Tim Staermose**

Non-Executive Director

**Investor enquiries:****Doug Grewar CEO**

M +61 419 833 604

E [info@emunl.com.au](mailto:info@emunl.com.au)

**COMPETENT PERSON'S STATEMENT**

The information in this report that relates to exploration results is based on, and fairly represents information and supporting documentation prepared by compiled by Mr Nigel Maund, a Competent Person who is consulting economic geologist. Mr Maund is a Fellow of the Australian Institute of Geoscientists, a Fellow of the Australian Institute of Mining and Metallurgy. Mr Maund is a consultant to EMU NL and has sufficient experience in the activity which he is undertaking to qualify as a Competent Person as defined in the 2012 edition of the "Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves". Mr Maund consents to the inclusion herein of the matters based upon his information in the form and context in which it appears.

**FORWARD LOOKING STATEMENTS**

As a result of a variety of risks, uncertainties and other factors, actual events and results may differ materially from any forward looking and other statements herein not purporting to be of historical fact. Any statements concerning mining reserves, resources and exploration results are forward looking in that they involve estimates based on assumptions. Forward looking statements are based on management's beliefs, opinions, and estimates as of the respective dates they are made. The Company does not assume any obligation to update forward looking statements even where beliefs, opinions and estimates change or should do so given changed circumstances and developments.

**NEW INFORMATION OR DATA**

EMU confirms that it is not aware of any new information or data that materially affects the information included in the original market announcements and, in the case of estimates of Mineral Resources, which all material assumptions and technical parameters underpinning the estimates in the relevant market announcement continue to apply and have not materially changed. The Company confirms that the form and context in which the Competent Person's findings are presented have not materially changed from the original market announcement.

## APPENDIX 1

### Technical Summary

- Results from latest field activities have delivered a significant new copper discovery, the Yataga Valley Copper Prospect located immediately to the west of the Fiery Creek Copper Prospect (previously announced April 2024)
- Exploration continues to enhance the geological understanding of the wider Yataga Copper Project and bring EMU closer to the preparation of drilling programmes
- Soil (termite mound) sampling survey has identified substantial copper mineralisation from 1152 grid-controlled sample points completed over a 27km<sup>2</sup> area
- A combined area of 8km<sup>2</sup> of copper-in-soil anomalism is indicated from broad zones of mineralisation
- The extensive zones of copper mineralisation are genetically related to an indicative, sub-surface magmatic pluton
- Mineralised copper zones are contained within significant broad shear zones, major structural fault settings and from late-stage, highly fractionated, potassic granitoid stocks and associated dyke swarms
- Emu has validated pXRF termite mound sampling and assay methodology which has been demonstrated to be exceptionally accurate and cost effective in copper exploration at the Yataga Copper Project
- A commercially flown 27km<sup>2</sup> drone LiDAR and high-resolution photogrammetry survey produced outstanding resolution for geologic and mineralisation targeting
- Geological mapping activity completed at the original Fiery Creek Copper Prospect discovery zone by mapping specialist and independent consultant Nigel Maund
- Dr Gregg Morrison, engaged as Technical Advisor to the Project
- 220-line km airborne electromagnetic survey completed with results pending
- 20 - 30 line km ground-based Pole-Dipole Induced Polarisation (PDIP) and Magnetotelluric (MT) survey currently underway
- A heritage survey scheduled during September has now been completed

### Geochemistry Programme

EMU completed its latest geochemical sampling programme in August 2024. Two geological teams collected termite mound “soil” samples, rock samples and stream sediments from an area of approximately 27km<sup>2</sup>. Sampling was conducted along east-west lines at 250m x 100m spacings, with a resultant 1152 soils, 54 rocks and 6 stream samples collected (see Figure 1).

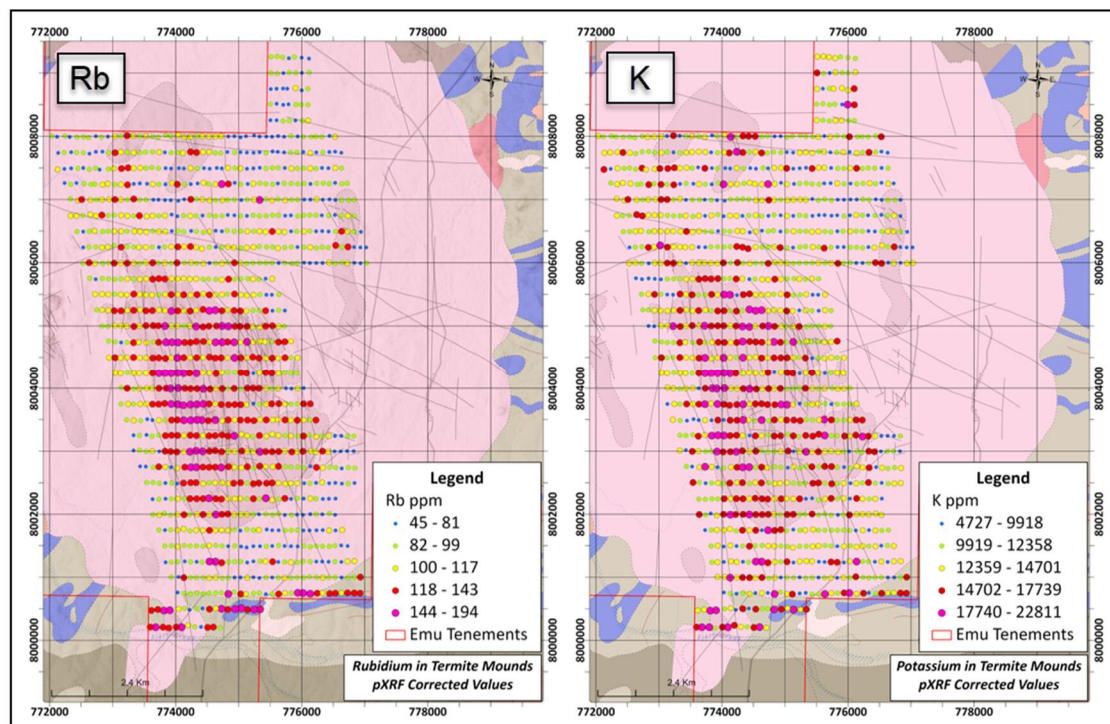
Results from the programme have substantially extended the known copper mineralisation footprint within the Yataga Intrusive Complex. Additional to extending the aerial extent of the Fiery

Creek Copper Prospect (EMU’s recently announced discovery in the northern region), the pXRF results have defined a new structurally controlled zone, the Yataga Valley Prospect which extends 6km along a NNW-SSE strike and up to 800m wide.

### Initial Interpretation of Geochemistry Results

The zones of mineralisation are related to a significant suite of K-feldspar porphyry aplitic granitoid stocks and their dyke swarms, hosted within multiple NNW-striking shear zones with individual widths from 100m to 400m. The zone of late intrusive potassic rocks and associated copper mineralisation is contained for the most part within the structural corridor which traverses the Yataga Intrusive Complex.

Figure 5 (below) illustrates pronounced potassium (K) and rubidium (Rb) anomalies centred on the Yataga Valley Prospect. The overall K and Rb anomaly extend over 4km NNW-SSE and are approximately 2.5km wide, E-W. The anomalism suggests a very large signature for a shallow subjacent magmatic system and its hydrothermal alteration envelope. Rocks and surface mapping suggest this signature is comparable to the potassic, K-feldspar, aplite porphyry stocks shown on Plate 1 (see Appendix 2). These rocks are characterised by the evidence of hydrothermal fluid-flow represented by abundant interconnected miarolitic cavities hosting significant sulphides and granophyric textures.



**Figure 5:** pXRF geochemistry for Potassium (K) and Rubidium (Rb) characteristic of highly fractionated granitoid intrusive rocks and potassic hydrothermal alteration indicative of porphyry copper scale processes pervading the Yataga Igneous Complex. A 4km long x 2.5 km wide elliptical anomaly is centered on central “core” zone, with the Yataga Valley Prospect being the dominant K & Rb anomaly identified to date.

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Modelling of the exploration data from Yataga Copper Project has indicated the presence of a very large subsurface, late-stage, geochemically fractionated, magmatic system being responsible for the broad surface expression of anomalous copper mineralisation over the areas tested to-date. This system is expressed at surface as fluid-rich, potassic aplitic porphyry stocks with dyke swarms bearing similar geologic and geochemical comparisons to porphyry-type systems documented in North Queensland. In the Yataga Igneous Complex there are several such centres identified and mapped.

In the postulated Yataga mineralisation model (see Figure 2 and Figure 7) which depicts the current erosional level of the Yataga system we can see the eroded roof of the pluton and the resultant compositional zoning as observed in the field; tonalite (TN) – granodiorite (GD) – monzogranite (MZG) – aplite (AP) – rhyodacite dykes (RD). The compositional zoning reflects the fractional crystallisation in the magma. The hydrothermal fluid is concentrated in the last magma batch and the metal association is consistent with the magmatic source in the Yataga Igneous Complex. The mineralisation styles mapped to date include shear-hosted copper with dykes at Fiery Creek Copper Prospect and a broad structural corridor with intense shearing, alteration and dyking within the Yataga Valley Prospect. Both anomaly zones are in the roof of the intrusion but linked to the core of the pluton at depth. There is scope for substantial mineralisation beneath the intrusive roof and peripheral to the pluton where gold, silver, lead, zinc arsenic and tin might be expected.

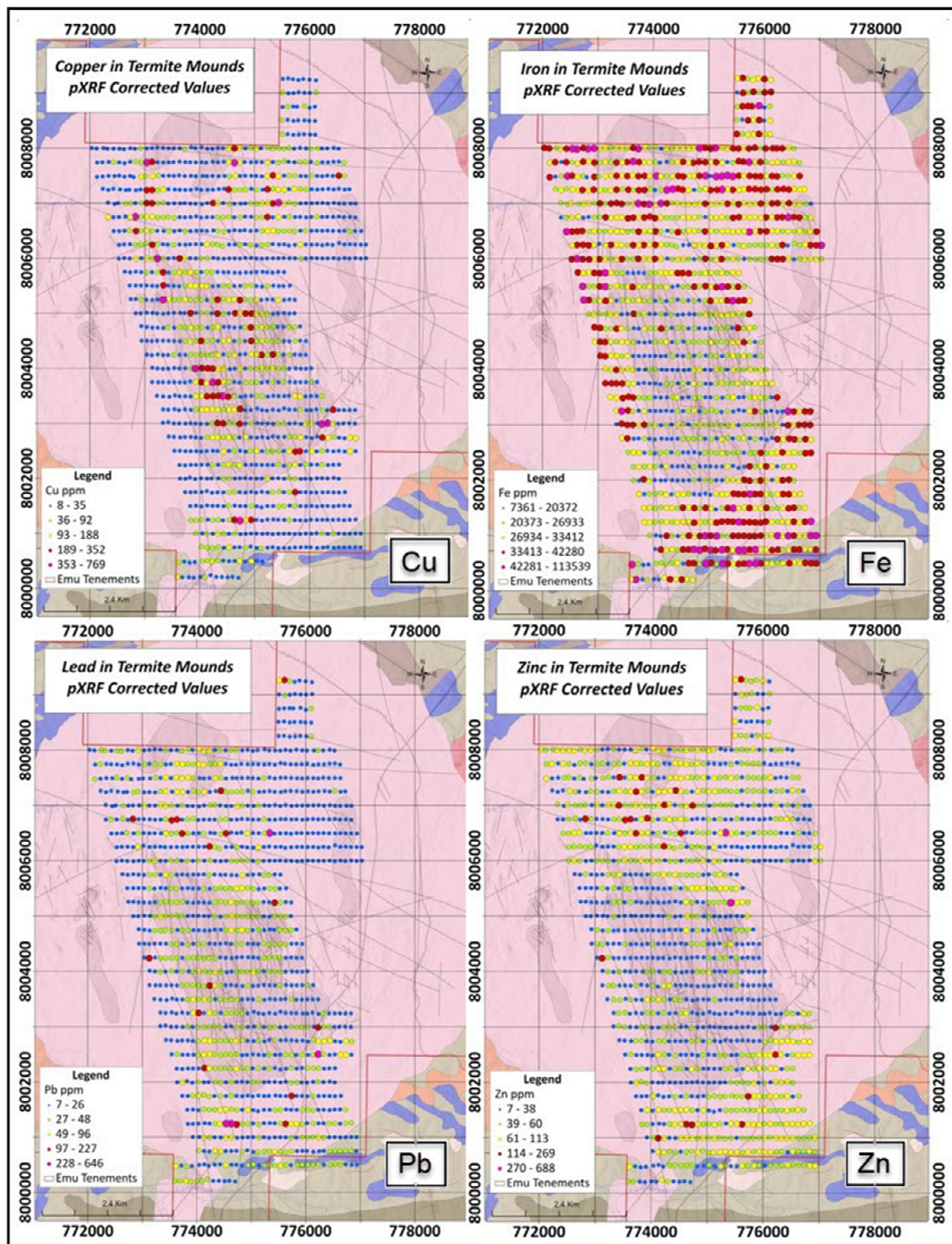
### **Geologic Mapping**

The pXRF termite/soil sampling campaign was conducted in parallel with a limited 10km<sup>2</sup> programme of geological mapping conducted by mapping specialist Nigel Maund. Mapping was conducted at 1:2000 scale and largely focused on the Fiery Creek Copper Prospect discovery zone which has now been delineated as a 50 – 80m wide zone of mineralisation extending over 450m in strike length. This prospect, with its outcropping copper veining, stockwork and dissemination provides EMU with the first of several drill targets which will be further refined with the geophysical programmes scheduled for the September -October period, and currently underway.

### **pXRF Integrity and Metal Zoning**

Following the pXRF programme, EMU assessed the data integrity of pXRF sampling of termite mounds with third party, independent consultants who have statistically verified and validated the Niton XL5 pXRF data readings as fit for purpose. The termite sampling methodology and pXRF analyser techniques employed have proven to be exceptionally accurate and quick, allowing “real-time” modifications to the planned programme deleting areas of low response, and adding new or infill areas over the zones of high response.

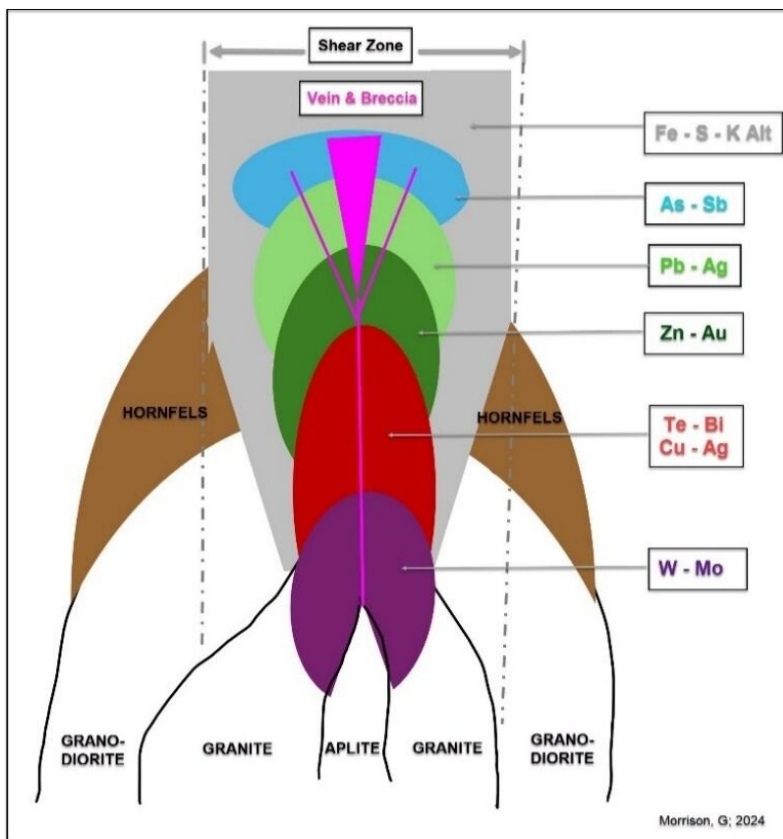
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**Figure 6** Metal zoning in pXRF termite mound sampling: pXRF detected metal zoning centred about a granitic core to the Yataga Intrusive Complex. Metal zoning is shown for Copper (Cu), Iron (Fe), Zinc (Zn) and Lead (Pb), where Fe is distinctly enriched in granodiorite peripheral to the granitic core and includes alteration plus mineralisation-related enrichment. Cu is distinct in linear zones over both granites (GR) and granodiorites (GD). Zn is enriched distinctly in the periphery of the granite core and the Cu-zone, whilst Pb is enriched peripheral to Cu and similar to Zn.

This technique has also provided substantial economic benefits to EMU, with higher sampling productivity versus traditional soil sampling methods and the ability to reduce approximately 50% of the samples for wet chemistry analysis.

The pXRF data analysis has confirmed that the termite mound sampling medium has accurately preserved the metal suite of the underlying mineralised rock. Individual pXRF-element plots show the distinct hydrothermal enrichment and zoning for these elements (see metal zoning in pXRF termite mound sampling; Figure 6).



**Figure 7:**

*Yataga Metal Zoning Model derived from comparisons to other North Queensland porphyry Cu-Mo and Cu-Bi-Ag systems.*

*The hydrothermal system contains metals originating in the interior phases of the Yataga Pluton and extends through the marginal phases and locally onto the surrounding rocks partly controlled by shear zones.*

*Based on the Yataga data to date, a metal zoning pattern has been established as follows: It has a core of W-Mo on the greisen altered aplite, with peripheral Cu-Ag-Bi-Te to Zn-Au, to Pb-Ag, to As-Sb and peripheral Fe-As-K-Ca which represents the alteration within the shear zone.*

## APPENDIX 2: PHOTOGRAPHIC PLATES

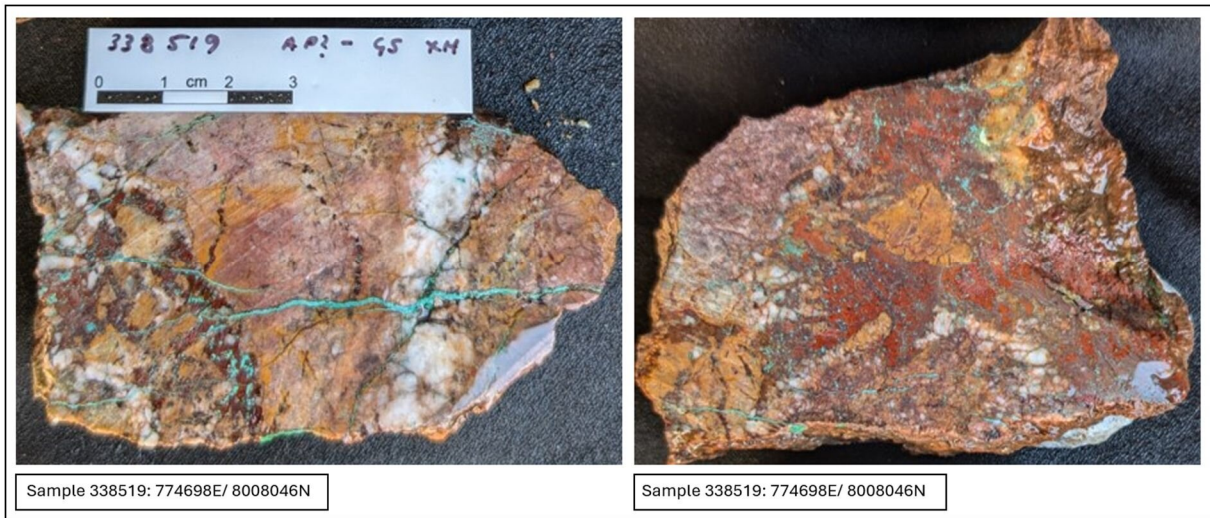


**Plate 1:** **Sample 338501:** Intrusive stock immediately to the south of the Fiery Creek Copper Prospect showing miarolitic cavities with goethite (dark orange, brown) after sulphides and a feldspar + quartz vein which equates to “brain rock” developed in the cupola of porphyry type systems such as Kidston.



**Plate 2:** **Sample 338529:** Aplite “clasts” isolated by coarser feldspar, quartz and miarolitic cavities. The distribution of the quartz + oxidized sulphide miarolitic demonstrate in detail, the aplite magma was brecciated whilst still in a “mushy” magmatic state.  
**Sample 338526:** Breccia textures in magma; granodiorite and granite clasts, with local plumose aplite and cavity matrix.





**Plate 3:** **Sample 338519:** Hydrothermal breccias; In these two photographs the complex polyphase internal hydrothermal brecciation and two-phase copper mineralization as goethite + malachite is apparent.



**Plate 4:** **Sample ESS02500:** High grade copper oxide mineralisation as cuprite (red-brown), malachite and chrysocolla. Located in the central-southern sector of the Yataga Valley Copper Prospect and shows quartz + sericite + sulphides in altered granodiorite.

### APPENDIX 3: TABLE OF SIGNIFICANT pXRF ASSAY RESULTS

**Table 1: Significant pXRF Cu assay readings >150ppm Cu  
(Equivalent to >5x background crustal abundance of Cu in granodiorites).**

| Sample ID | Easting (m) | Northing (m) | Cu (ppm) | Pb (ppm) | Zn (ppm) | Ti (ppm) | Rb (ppm) | Th (ppm) |
|-----------|-------------|--------------|----------|----------|----------|----------|----------|----------|
| ESS03335  | 774630      | 8007736      | 769      | 21       | 64       | 4943     | 91       | 8        |
| ESS03619  | 776224      | 8002985      | 614      | 101      | 134      | 3399     | 114      | 15       |
| ESS03771  | 773919      | 8003995      | 601      | 44       | 46       | 4509     | 160      | 24       |
| ESS04323  | 772828      | 8006752      | 539      | 167      | 119      | 3245     | 141      | 16       |
| ESS04103  | 775434      | 8007008      | 510      | 15       | 45       | 3411     | 89       | 9        |
| ESS03378  | 774731      | 8001233      | 479      | 227      | 134      | 4839     | 133      | 15       |
| ESS03620  | 776329      | 8002999      | 437      | 33       | 50       | 3485     | 121      | 18       |
| ESS03709  | 774235      | 8003741      | 436      | 126      | 85       | 4076     | 179      | 54       |
| ESS03581  | 774416      | 8003492      | 435      | 36       | 47       | 4517     | 174      | 27       |
| ESS03965  | 773334      | 8005247      | 409      | 43       | 46       | 3114     | 124      | 23       |
| ESS04137  | 773038      | 8007739      | 402      | 37       | 51       | 3490     | 120      | 30       |
| ESS04083  | 773229      | 8005994      | 395      | 54       | 46       | 4075     | 123      | 21       |
| ESS04104  | 775331      | 8006995      | 352      | 17       | 51       | 6200     | 144      | 45       |
| ESS03235  | 775234      | 8007252      | 349      | 20       | 57       | 6916     | 107      | 13       |
| ESS03379  | 774632      | 8001249      | 346      | 646      | 249      | 3311     | 170      | 17       |
| ESS03584  | 774130      | 8003489      | 342      | 77       | 108      | 3773     | 148      | 32       |
| ESS03755  | 774237      | 8003993      | 341      | 47       | 53       | 3587     | 128      | 27       |
| ESS03650  | 776233      | 8002741      | 332      | 76       | 68       | 3910     | 121      | 20       |
| ESS03926  | 774934      | 8004496      | 331      | 25       | 53       | 4173     | 146      | 19       |
| ESS03740  | 774428      | 8002997      | 328      | 38       | 51       | 5061     | 146      | 33       |
| ESS03198  | 776532      | 8007498      | 321      | 20       | 50       | 4848     | 103      | 16       |
| ESS03710  | 774335      | 8003743      | 309      | 56       | 83       | 4531     | 179      | 38       |
| ESS03753  | 774039      | 8004002      | 308      | 50       | 50       | 3868     | 162      | 36       |
| ESS03818  | 774323      | 8004992      | 303      | 40       | 42       | 4936     | 157      | 30       |
| ESS03580  | 774518      | 8003485      | 296      | 41       | 50       | 2532     | 118      | 20       |
| ESS03707  | 774031      | 8003744      | 281      | 47       | 42       | 3502     | 168      | 33       |
| ESS03216  | 773033      | 8007238      | 275      | 22       | 42       | 4916     | 95       | 21       |
| ESS04079  | 773633      | 8005998      | 275      | 28       | 39       | 4311     | 125      | 24       |
| ESS03583  | 774238      | 8003491      | 272      | 38       | 46       | 3639     | 160      | 25       |
| ESS03834  | 774834      | 8004995      | 270      | 30       | 52       | 3454     | 160      | 31       |
| ESS03832  | 774646      | 8005001      | 261      | 49       | 67       | 3120     | 131      | 61       |
| ESS03895  | 774241      | 8007002      | 257      | 40       | 145      | 5708     | 118      | 8        |
| ESS04012  | 774732      | 8005241      | 247      | 43       | 56       | 3084     | 127      | 19       |
| ESS03217  | 773130      | 8007239      | 239      | 24       | 29       | 3417     | 109      | 19       |
| ESS03795  | 774735      | 8003259      | 238      | 31       | 32       | 4230     | 118      | 31       |
| ESS03243  | 774522      | 8007248      | 229      | 46       | 105      | 6445     | 98       | 11       |
| ESS03919  | 775123      | 8004241      | 225      | 23       | 27       | 3689     | 137      | 22       |
| ESS03640  | 775741      | 8002484      | 223      | 35       | 43       | 3710     | 113      | 15       |
| ESS03186  | 775334      | 8007503      | 221      | 14       | 56       | 5516     | 64       | 8        |
| ESS04230  | 773135      | 8006244      | 220      | 24       | 29       | 4328     | 122      | 25       |
| ESS03853  | 774929      | 8004741      | 218      | 32       | 20       | 3215     | 147      | 20       |
| ESS03917  | 775329      | 8004249      | 218      | 27       | 41       | 4811     | 116      | 23       |
| ESS03835  | 774940      | 8004994      | 216      | 32       | 37       | 3696     | 124      | 28       |

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| Sample ID | Easting (m) | Northing (m) | Cu (ppm) | Pb (ppm) | Zn (ppm) | Ti (ppm) | Rb (ppm) | Th (ppm) |
|-----------|-------------|--------------|----------|----------|----------|----------|----------|----------|
| ESS04022  | 773334      | 8005745      | 216      | 21       | 45       | 3626     | 97       | 17       |
| ESS04366  | 776428      | 8003242      | 216      | 26       | 53       | 7777     | 100      | 13       |
| ESS03739  | 774325      | 8003006      | 214      | 35       | 46       | 3403     | 155      | 45       |
| ESS03883  | 773035      | 8007001      | 214      | 69       | 88       | 6418     | 119      | 16       |
| ESS03978  | 773335      | 8005506      | 214      | 26       | 43       | 5442     | 133      | 17       |
| ESS03582  | 774337      | 8003497      | 212      | 24       | 29       | 4383     | 158      | 27       |
| ESS03425  | 775739      | 8001747      | 211      | 100      | 120      | 7094     | 87       | 8        |
| ESS03884  | 773131      | 8007000      | 210      | 17       | 30       | 3728     | 115      | 15       |
| ESS03813  | 773832      | 8005001      | 205      | 26       | 36       | 4359     | 155      | 27       |
| ESS03754  | 774145      | 8003998      | 203      | 31       | 34       | 2589     | 142      | 34       |
| ESS04299  | 775231      | 8006750      | 202      | 38       | 43       | 4918     | 99       | 8        |
| ESS03641  | 775824      | 8002490      | 197      | 22       | 42       | 4323     | 106      | 11       |
| ESS03948  | 774025      | 8004496      | 196      | 36       | 41       | 4320     | 175      | 33       |
| ESS03477  | 774634      | 8007996      | 195      | 42       | 91       | 5265     | 111      | 9        |
| ESS03376  | 774935      | 8001246      | 194      | 28       | 54       | 5151     | 87       | 12       |
| ESS03743  | 774729      | 8002990      | 193      | 37       | 58       | 3750     | 132      | 32       |
| ESS04278  | 772841      | 8006493      | 193      | 24       | 28       | 4513     | 98       | 21       |
| ESS04138  | 773131      | 8007752      | 192      | 25       | 44       | 4411     | 101      | 16       |
| ESS03955  | 774325      | 8005248      | 191      | 27       | 23       | 3030     | 108      | 23       |
| ESS03864  | 773141      | 8007491      | 188      | 23       | 39       | 4642     | 119      | 23       |
| ESS03903  | 775324      | 8003997      | 181      | 27       | 30       | 3137     | 127      | 18       |
| ESS03649  | 776336      | 8002739      | 179      | 65       | 91       | 4833     | 108      | 13       |
| ESS04352  | 776737      | 8002487      | 178      | 96       | 78       | 6747     | 85       | 7        |
| ESS03589  | 774029      | 8003497      | 175      | 42       | 41       | 2605     | 119      | 25       |
| ESS03711  | 774439      | 8003750      | 173      | 34       | 38       | 3696     | 167      | 34       |
| ESS04321  | 773027      | 8006752      | 172      | 16       | 19       | 4235     | 97       | 13       |
| ESS03293  | 774531      | 8000749      | 170      | 24       | 28       | 6406     | 87       | 10       |
| ESS03708  | 774122      | 8003729      | 169      | 42       | 24       | 3221     | 176      | 36       |
| ESS03627  | 774437      | 8002485      | 167      | 44       | 39       | 4082     | 114      | 23       |
| ESS03285  | 774219      | 8000486      | 161      | 14       | 33       | 3846     | 73       | 10       |
| ESS03706  | 773930      | 8003748      | 161      | 40       | 36       | 4152     | 144      | 26       |
| ESS03475  | 774722      | 8008003      | 159      | 30       | 59       | 5720     | 112      | 16       |
| ESS03896  | 774330      | 8007008      | 158      | 40       | 82       | 4792     | 95       | 9        |
| ESS03984  | 773928      | 8005496      | 157      | 25       | 30       | 4950     | 124      | 28       |
| ESS03953  | 774535      | 8004506      | 156      | 22       | 27       | 3520     | 118      | 25       |
| ESS03185  | 775232      | 8007492      | 155      | 35       | 54       | 7538     | 60       | 9        |
| ESS04253  | 775332      | 8006499      | 155      | 391      | 688      | 5057     | 108      | 13       |
| ESS04254  | 775239      | 8006498      | 155      | 44       | 88       | 5646     | 88       | 9        |
| ESS03567  | 775828      | 8003490      | 154      | 23       | 33       | 4667     | 102      | 23       |
| ESS03268  | 775843      | 8000497      | 153      | 32       | 62       | 4893     | 80       | <LOD     |
| ESS03471  | 775028      | 8007985      | 152      | 13       | 62       | 5544     | 68       | 14       |
| ESS03901  | 775137      | 8004000      | 152      | 29       | 29       | 3797     | 118      | 28       |
| ESS04106  | 775133      | 8006996      | 152      | 33       | 52       | 6724     | 88       | 6        |
| ESS03756  | 774339      | 8003992      | 151      | 92       | 56       | 3652     | 136      | 30       |
| ESS03836  | 775024      | 8004993      | 150      | 30       | 39       | 3073     | 124      | 21       |
| ESS03837  | 775134      | 8004995      | 150      | 35       | 34       | 4022     | 139      | 21       |
| ESS03961  | 773737      | 8005252      | 150      | 28       | 37       | 4021     | 116      | 32       |

## APPENDIX 4: TABLE OF NITON XL5 pXRF ASSAY RESULTS FOR THE YATAGA COPPER PROJECT

**Table 2: Complete Table of pXRF Values in Yataga Copper Project Termite Sample Grid (Cu plus selection of elements)**

| Sample ID | Easting (m) | Northing (m) | Cu (ppm) | Pb (ppm) | Zn (ppm) | Ti (ppm) | Rb (ppm) | Th (ppm) |
|-----------|-------------|--------------|----------|----------|----------|----------|----------|----------|
| ESS03182  | 774939      | 8007498      | 22       | 21       | 72       | 7798     | 96       | 11       |
| ESS03183  | 775026      | 8007494      | 9        | 20       | 15       | 3995     | 108      | 17       |
| ESS03184  | 775131      | 8007487      | 27       | 25       | 80       | 5596     | 74       | 11       |
| ESS03185  | 775232      | 8007492      | 155      | 35       | 54       | 7538     | 60       | 9        |
| ESS03186  | 775334      | 8007503      | 221      | 14       | 56       | 5516     | 64       | 8        |
| ESS03187  | 775430      | 8007490      | 105      | 23       | 65       | 8805     | 88       | 7        |
| ESS03188  | 775535      | 8007502      | 31       | 14       | 59       | 5937     | 84       | 12       |
| ESS03189  | 775625      | 8007502      | 47       | 12       | 27       | 6301     | 83       | 11       |
| ESS03190  | 775733      | 8007498      | 59       | 16       | 58       | 5113     | 66       | 6        |
| ESS03191  | 775837      | 8007493      | 29       | 19       | 43       | 6879     | 106      | 16       |
| ESS03192  | 775932      | 8007491      | 30       | 14       | 50       | 6146     | 87       | 10       |
| ESS03193  | 776030      | 8007496      | 47       | 19       | 45       | 4592     | 88       | 9        |
| ESS03194  | 776136      | 8007494      | 28       | 16       | 79       | 6099     | 114      | 18       |
| ESS03195  | 776228      | 8007491      | 9        | 13       | 36       | 5569     | 93       | 12       |
| ESS03196  | 776321      | 8007500      | 9        | 9        | 16       | 4883     | 69       | 11       |
| ESS03197  | 776423      | 8007496      | 9        | 14       | 24       | 4663     | 71       | 10       |
| ESS03198  | 776532      | 8007498      | 321      | 20       | 50       | 4848     | 103      | 16       |
| ESS03199  | 776634      | 8007495      | 36       | 14       | 55       | 6895     | 86       | 11       |
| ESS03200  | 776139      | 8007248      | 13       | 13       | 23       | 5123     | 79       | 12       |
| ESS03201  | 775328      | 8000753      | 29       | 36       | 68       | 4256     | 91       | 6        |
| ESS03202  | 775430      | 8000734      | 12       | 69       | 68       | 4091     | 69       | 5        |
| ESS03203  | 775532      | 8000737      | 20       | 41       | 67       | 5200     | 94       | 9        |
| ESS03204  | 775633      | 8000737      | 31       | 38       | 60       | 8198     | 133      | 11       |
| ESS03205  | 775734      | 8000746      | 17       | 29       | 73       | 5761     | 114      | 17       |
| ESS03206  | 775837      | 8000749      | 26       | 23       | 49       | 6116     | 96       | 11       |
| ESS03207  | 775938      | 8000752      | 9        | 18       | 62       | 4294     | 150      | 14       |
| ESS03208  | 772236      | 8007262      | 16       | 20       | 18       | 4189     | 73       | 14       |
| ESS03209  | 772335      | 8007240      | 9        | 25       | 24       | 5575     | 90       | 14       |
| ESS03210  | 772427      | 8007262      | 9        | 22       | 27       | 7181     | 68       | 8        |
| ESS03211  | 772548      | 8007252      | 31       | 25       | 69       | 5260     | 98       | 13       |
| ESS03212  | 772654      | 8007237      | 9        | 18       | 53       | 4373     | 84       | 20       |
| ESS03213  | 772719      | 8007244      | 15       | 21       | 34       | 5607     | 95       | 18       |
| ESS03214  | 772838      | 8007235      | 29       | 29       | 33       | 5696     | 110      | 17       |
| ESS03215  | 772922      | 8007249      | 27       | 33       | 49       | 5378     | 116      | 16       |
| ESS03216  | 773033      | 8007238      | 275      | 22       | 42       | 4916     | 95       | 21       |
| ESS03217  | 773130      | 8007239      | 239      | 24       | 29       | 3417     | 109      | 19       |
| ESS03218  | 773235      | 8007233      | 76       | 21       | 37       | 5016     | 131      | 17       |
| ESS03219  | 773334      | 8007248      | 111      | 40       | 47       | 5548     | 73       | 10       |
| ESS03220  | 773429      | 8007254      | 9        | 49       | 74       | 3516     | 80       | 6        |
| ESS03221  | 776638      | 8007249      | 9        | 21       | 45       | 7050     | 93       | 17       |
| ESS03222  | 776531      | 8007264      | 12       | 43       | 63       | 3906     | 80       | 24       |
| ESS03223  | 776438      | 8007251      | 9        | 17       | 36       | 6383     | 91       | 15       |
| ESS03224  | 776344      | 8007259      | 9        | 13       | 46       | 6074     | 92       | 5        |

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| Sample ID | Easting (m) | Northing (m) | Cu (ppm) | Pb (ppm) | Zn (ppm) | Ti (ppm) | Rb (ppm) | Th (ppm) |
|-----------|-------------|--------------|----------|----------|----------|----------|----------|----------|
| ESS03225  | 776237      | 8007255      | 17       | 18       | 42       | 6447     | 86       | 11       |
| ESS03226  | 776039      | 8007253      | 17       | 18       | 43       | 5957     | 82       | 11       |
| ESS03227  | 775937      | 8007248      | 43       | 25       | 54       | 5916     | 98       | 9        |
| ESS03228  | 775831      | 8007256      | 41       | 16       | 48       | 4804     | 88       | 10       |
| ESS03229  | 775722      | 8007259      | 99       | 10       | 50       | 3139     | 93       | 10       |
| ESS03231  | 775622      | 8007256      | 19       | 11       | 38       | 5264     | 78       | 6        |
| ESS03232  | 775541      | 8007242      | 96       | 13       | 50       | 4617     | 95       | 14       |
| ESS03233  | 775430      | 8007247      | 132      | 16       | 44       | 5801     | 88       | 14       |
| ESS03234  | 775337      | 8007258      | 76       | 23       | 58       | 4917     | 99       | 14       |
| ESS03235  | 775234      | 8007252      | 349      | 20       | 57       | 6916     | 107      | 13       |
| ESS03236  | 775144      | 8007246      | 35       | 25       | 71       | 5840     | 79       | 8        |
| ESS03237  | 775029      | 8007242      | 73       | 34       | 108      | 6011     | 91       | 7        |
| ESS03238  | 774937      | 8007263      | 9        | 13       | 46       | 6746     | 45       | 7        |
| ESS03239  | 774834      | 8007247      | 48       | 30       | 68       | 3936     | 131      | 27       |
| ESS03240  | 776725      | 8007255      | 25       | 18       | 36       | 6182     | 90       | 13       |
| ESS03241  | 774731      | 8007243      | 42       | 46       | 35       | 2122     | 150      | 41       |
| ESS03242  | 774632      | 8007241      | 57       | 30       | 53       | 4565     | 107      | 16       |
| ESS03243  | 774522      | 8007248      | 229      | 46       | 105      | 6445     | 98       | 11       |
| ESS03244  | 774441      | 8007263      | 20       | 158      | 173      | 5208     | 113      | 7        |
| ESS03245  | 774346      | 8007256      | 9        | 15       | 87       | 8299     | 65       | 5        |
| ESS03246  | 774240      | 8007244      | 9        | 19       | 79       | 6794     | 72       | 12       |
| ESS03247  | 776021      | 8000750      | 18       | 26       | 69       | 5347     | 180      | 13       |
| ESS03248  | 776136      | 8000738      | 24       | 21       | 68       | 3736     | 183      | 11       |
| ESS03249  | 776246      | 8000747      | 9        | 22       | 53       | 5337     | 127      | 11       |
| ESS03250  | 776329      | 8000753      | 9        | 25       | 45       | 3381     | 109      | 12       |
| ESS03251  | 776443      | 8000741      | 17       | 40       | 37       | 3488     | 142      | 12       |
| ESS03252  | 776532      | 8000748      | 9        | 44       | 68       | 5371     | 129      | 14       |
| ESS03253  | 776629      | 8000750      | 9        | 35       | 52       | 4924     | 104      | 11       |
| ESS03254  | 776729      | 8000753      | 10       | 38       | 57       | 4217     | 125      | 15       |
| ESS03255  | 776832      | 8000751      | 9        | 33       | 64       | 4840     | 126      | 15       |
| ESS03256  | 776927      | 8000746      | 17       | 24       | 44       | 5065     | 123      | 13       |
| ESS03257  | 776935      | 8000498      | 13       | 22       | 61       | 6124     | 146      | 17       |
| ESS03258  | 776841      | 8000499      | 21       | 19       | 61       | 5947     | 142      | 20       |
| ESS03259  | 776733      | 8000507      | 14       | 22       | 57       | 5304     | 130      | 13       |
| ESS03260  | 776634      | 8000505      | 9        | 27       | 59       | 5045     | 116      | 13       |
| ESS03261  | 776534      | 8000511      | 18       | 40       | 59       | 2925     | 172      | 13       |
| ESS03262  | 776449      | 8000502      | 30       | 47       | 69       | 5236     | 159      | 22       |
| ESS03263  | 776333      | 8000502      | 9        | 22       | 53       | 4110     | 147      | 12       |
| ESS03264  | 776233      | 8000511      | 9        | 41       | 43       | 3046     | 172      | 7        |
| ESS03265  | 776133      | 8000498      | 9        | 27       | 46       | 4209     | 181      | 13       |
| ESS03266  | 776036      | 8000497      | 9        | 28       | 29       | 3920     | 155      | 19       |
| ESS03267  | 775932      | 8000500      | 16       | 31       | 52       | 4298     | 163      | 18       |
| ESS03268  | 775843      | 8000497      | 153      | 32       | 62       | 4893     | 80       | <LOD     |
| ESS03269  | 775724      | 8000495      | 47       | 19       | 49       | 2827     | 96       | 7        |
| ESS03270  | 775629      | 8000495      | 24       | 38       | 67       | 3893     | 175      | 15       |
| ESS03271  | 775533      | 8000489      | 19       | 58       | 38       | 3003     | 129      | 4        |
| ESS03272  | 775429      | 8000490      | 8        | 28       | 32       | 3668     | 117      | 11       |
| ESS03273  | 775340      | 8000491      | 15       | 28       | 60       | 5747     | 170      | 16       |
| ESS03274  | 775245      | 8000490      | 24       | 29       | 68       | 4056     | 181      | 11       |
| ESS03275  | 775138      | 8000490      | 9        | 24       | 34       | 4618     | 138      | 10       |



| Sample ID | Easting (m) | Northing (m) | Cu (ppm) | Pb (ppm) | Zn (ppm) | Ti (ppm) | Rb (ppm) | Th (ppm) |
|-----------|-------------|--------------|----------|----------|----------|----------|----------|----------|
| ESS03276  | 775041      | 8000508      | 29       | 47       | 41       | 3593     | 163      | 13       |
| ESS03277  | 774941      | 8000494      | 100      | 33       | 37       | 5348     | 157      | 23       |
| ESS03278  | 774827      | 8000489      | 9        | 17       | 18       | 3633     | 121      | 9        |
| ESS03279  | 774727      | 8000499      | 97       | 25       | 49       | 4315     | 160      | 16       |
| ESS03280  | 774637      | 8000502      | 28       | 25       | 42       | 5744     | 111      | 9        |
| ESS03281  | 775116      | 8008000      | 33       | 12       | 72       | 6939     | 77       | 9        |
| ESS03282  | 774535      | 8000496      | 9        | 64       | 54       | 2090     | 134      | 8        |
| ESS03283  | 774427      | 8000507      | 14       | 15       | 49       | 4454     | 49       | 5        |
| ESS03284  | 774330      | 8000501      | 62       | 23       | 50       | 3992     | 89       | 8        |
| ESS03285  | 774219      | 8000486      | 161      | 14       | 33       | 3846     | 73       | 10       |
| ESS03286  | 774137      | 8000508      | 89       | 18       | 18       | 5242     | 86       | 23       |
| ESS03287  | 774043      | 8000498      | 49       | 18       | 25       | 4953     | 105      | 18       |
| ESS03288  | 774030      | 8000759      | 41       | 31       | 38       | 2787     | 70       | 9        |
| ESS03289  | 774131      | 8000745      | 38       | 23       | 61       | 6029     | 83       | 14       |
| ESS03290  | 774231      | 8000739      | 67       | 26       | 67       | 4681     | 85       | 16       |
| ESS03291  | 774336      | 8000754      | 44       | 50       | 56       | 4819     | 99       | 14       |
| ESS03292  | 774440      | 8000739      | 17       | 61       | 42       | 3629     | 95       | 16       |
| ESS03293  | 774531      | 8000749      | 170      | 24       | 28       | 6406     | 87       | 10       |
| ESS03294  | 774634      | 8000750      | 30       | 19       | 50       | 5949     | 92       | 11       |
| ESS03295  | 774727      | 8000753      | 30       | 23       | 54       | 4920     | 95       | 12       |
| ESS03296  | 774834      | 8000737      | 42       | 27       | 86       | 5276     | 162      | 15       |
| ESS03297  | 774928      | 8000764      | 24       | 25       | 53       | 6113     | 89       | 10       |
| ESS03298  | 775033      | 8000736      | 32       | 24       | 57       | 4760     | 124      | 7        |
| ESS03299  | 775116      | 8000734      | 36       | 32       | 68       | 6021     | 107      | 12       |
| ESS03300  | 775234      | 8000744      | 33       | 28       | 71       | 6521     | 85       | 8        |
| ESS03301  | 775245      | 8008013      | 69       | 11       | 32       | 7732     | 74       | 7        |
| ESS03302  | 775331      | 8007996      | 50       | 13       | 21       | 4793     | 61       | 8        |
| ESS03303  | 775439      | 8007996      | 48       | 11       | 34       | 7718     | 67       | 8        |
| ESS03304  | 775530      | 8007993      | 39       | 14       | 41       | 7287     | 78       | 11       |
| ESS03305  | 775625      | 8008003      | 83       | 16       | 41       | 3891     | 55       | 7        |
| ESS03306  | 775719      | 8007993      | 35       | 14       | 58       | 6979     | 81       | 8        |
| ESS03307  | 775827      | 8008007      | 27       | 15       | 69       | 4984     | 88       | 16       |
| ESS03308  | 775934      | 8007999      | 22       | 11       | 26       | 5095     | 75       | 7        |
| ESS03309  | 776022      | 8007993      | 37       | 18       | 53       | 6406     | 98       | 19       |
| ESS03310  | 776149      | 8007994      | 47       | 19       | 34       | 7902     | 84       | 11       |
| ESS03311  | 776224      | 8007996      | 33       | 28       | 39       | 5779     | 90       | 18       |
| ESS03312  | 776319      | 8007994      | 9        | 12       | 54       | 5768     | 95       | 15       |
| ESS03313  | 776439      | 8008007      | 9        | 14       | 31       | 6479     | 74       | 14       |
| ESS03314  | 776527      | 8007993      | 9        | 15       | 31       | 5231     | 107      | 8        |
| ESS03315  | 776628      | 8007740      | 47       | 13       | 10       | 5333     | 52       | 7        |
| ESS03316  | 776531      | 8007757      | 9        | 13       | 20       | 5282     | 56       | 10       |
| ESS03317  | 776437      | 8007753      | 9        | 13       | 22       | 5205     | 64       | 7        |
| ESS03318  | 776334      | 8007745      | 10       | 10       | 30       | 4721     | 84       | 8        |
| ESS03319  | 776232      | 8007746      | 11       | 15       | 25       | 5490     | 72       | 16       |
| ESS03320  | 776136      | 8007734      | 47       | 16       | 38       | 6191     | 110      | 13       |
| ESS03321  | 776025      | 8007753      | 28       | 7        | 18       | 3570     | 54       | 9        |
| ESS03322  | 775926      | 8007747      | 43       | 20       | 46       | 6742     | 94       | 22       |
| ESS03323  | 775822      | 8007746      | 39       | 21       | 50       | 5741     | 86       | 14       |
| ESS03324  | 775721      | 8007745      | 14       | 18       | 49       | 6462     | 64       | 7        |
| ESS03325  | 775619      | 8007754      | 25       | 16       | 53       | 7427     | 75       | 8        |



| Sample ID | Easting (m) | Northing (m) | Cu (ppm) | Pb (ppm) | Zn (ppm) | Ti (ppm) | Rb (ppm) | Th (ppm) |
|-----------|-------------|--------------|----------|----------|----------|----------|----------|----------|
| ESS03326  | 775536      | 8007761      | 36       | 16       | 35       | 7387     | 78       | 8        |
| ESS03327  | 775432      | 8007737      | 51       | 15       | 40       | 5415     | 91       | 9        |
| ESS03328  | 775331      | 8007748      | 34       | 16       | 26       | 5484     | 63       | 7        |
| ESS03329  | 775236      | 8007740      | 104      | 16       | 35       | 6572     | 69       | 12       |
| ESS03330  | 775128      | 8007744      | 27       | 9        | 32       | 6574     | 52       | 7        |
| ESS03331  | 775029      | 8007749      | 22       | 15       | 36       | 4611     | 64       | 7        |
| ESS03332  | 774933      | 8007745      | 9        | 13       | 39       | 6900     | 83       | 10       |
| ESS03333  | 774819      | 8007752      | 14       | 9        | 63       | 6524     | 72       | 10       |
| ESS03334  | 774717      | 8007735      | 139      | 18       | 49       | 6374     | 83       | 18       |
| ESS03335  | 774630      | 8007736      | 769      | 21       | 64       | 4943     | 91       | 8        |
| ESS03336  | 774532      | 8007752      | 96       | 22       | 90       | 5436     | 117      | 13       |
| ESS03337  | 774435      | 8007753      | 31       | 59       | 86       | 4190     | 112      | 14       |
| ESS03338  | 774331      | 8007744      | 9        | 33       | 34       | 4753     | 122      | 28       |
| ESS03339  | 774235      | 8007754      | 9        | 35       | 37       | 3914     | 127      | 42       |
| ESS03340  | 774116      | 8007736      | 9        | 52       | 50       | 3496     | 104      | 25       |
| ESS03341  | 774030      | 8007746      | 9        | 59       | 75       | 4000     | 98       | 16       |
| ESS03342  | 773928      | 8007741      | 11       | 43       | 88       | 4533     | 83       | 23       |
| ESS03343  | 773827      | 8007745      | 9        | 30       | 58       | 3449     | 69       | 12       |
| ESS03344  | 773737      | 8007749      | 9        | 51       | 74       | 6265     | 111      | 9        |
| ESS03345  | 773632      | 8007756      | 15       | 49       | 82       | 6979     | 95       | 9        |
| ESS03346  | 773523      | 8007748      | 14       | 13       | 35       | 5517     | 96       | 18       |
| ESS03347  | 776032      | 8000995      | 9        | 47       | 77       | 6153     | 95       | 9        |
| ESS03348  | 776125      | 8001008      | 9        | 30       | 51       | 4541     | 88       | 8        |
| ESS03349  | 776237      | 8001000      | 41       | 70       | 97       | 6387     | 93       | 11       |
| ESS03350  | 776332      | 8000993      | 27       | 44       | 75       | 4862     | 100      | 8        |
| ESS03351  | 776429      | 8000996      | 38       | 24       | 79       | 8857     | 82       | 14       |
| ESS03352  | 776530      | 8000999      | 16       | 23       | 63       | 6657     | 91       | 14       |
| ESS03353  | 776631      | 8000996      | 9        | 20       | 47       | 3498     | 79       | 7        |
| ESS03354  | 776732      | 8000998      | 11       | 23       | 52       | 4573     | 85       | 8        |
| ESS03355  | 776834      | 8001002      | 16       | 17       | 50       | 5375     | 97       | 10       |
| ESS03356  | 776931      | 8001002      | 32       | 25       | 75       | 4378     | 139      | 10       |
| ESS03357  | 776837      | 8001256      | 9        | 48       | 100      | 8376     | 105      | 39       |
| ESS03358  | 776729      | 8001252      | 28       | 40       | 63       | 8092     | 101      | 15       |
| ESS03359  | 776628      | 8001243      | 9        | 23       | 76       | 5197     | 64       | 9        |
| ESS03360  | 776526      | 8001250      | 9        | 31       | 64       | 6357     | 99       | 14       |
| ESS03361  | 776426      | 8001247      | 9        | 34       | 110      | 4885     | 73       | 9        |
| ESS03362  | 776323      | 8001250      | 9        | 24       | 54       | 5457     | 81       | 9        |
| ESS03363  | 776232      | 8001250      | 9        | 18       | 50       | 4147     | 75       | 11       |
| ESS03364  | 776134      | 8001249      | 11       | 29       | 96       | 5057     | 84       | 10       |
| ESS03365  | 776024      | 8001253      | 9        | 24       | 59       | 6296     | 92       | 10       |
| ESS03366  | 775934      | 8001234      | 9        | 32       | 76       | 4561     | 90       | 10       |
| ESS03367  | 775829      | 8001239      | 9        | 49       | 89       | 6861     | 109      | 9        |
| ESS03368  | 775730      | 8001243      | 34       | 89       | 107      | 6512     | 99       | 8        |
| ESS03369  | 775627      | 8001243      | 36       | 181      | 269      | 4474     | 79       | 11       |
| ESS03370  | 775536      | 8001247      | 28       | 44       | 87       | 5122     | 124      | 16       |
| ESS03371  | 775428      | 8001251      | 16       | 23       | 74       | 6222     | 107      | 12       |
| ESS03372  | 775339      | 8001257      | 9        | 21       | 33       | 6091     | 91       | 11       |
| ESS03373  | 775232      | 8001253      | 12       | 15       | 39       | 8329     | 77       | 8        |
| ESS03374  | 775134      | 8001235      | 9        | 29       | 80       | 5725     | 80       | 11       |
| ESS03375  | 775032      | 8001247      | 30       | 22       | 40       | 6525     | 95       | 14       |

| Sample ID | Easting (m) | Northing (m) | Cu (ppm) | Pb (ppm) | Zn (ppm) | Ti (ppm) | Rb (ppm) | Th (ppm) |
|-----------|-------------|--------------|----------|----------|----------|----------|----------|----------|
| ESS03376  | 774935      | 8001246      | 194      | 28       | 54       | 5151     | 87       | 12       |
| ESS03377  | 774839      | 8001243      | 136      | 40       | 61       | 4789     | 89       | 12       |
| ESS03378  | 774731      | 8001233      | 479      | 227      | 134      | 4839     | 133      | 15       |
| ESS03379  | 774632      | 8001249      | 346      | 646      | 249      | 3311     | 170      | 17       |
| ESS03380  | 774536      | 8001249      | 65       | 466      | 86       | 3905     | 150      | 17       |
| ESS03381  | 774421      | 8001240      | 30       | 77       | 70       | 6077     | 90       | 14       |
| ESS03382  | 774334      | 8001246      | 51       | 28       | 51       | 3999     | 73       | 14       |
| ESS03383  | 774234      | 8001245      | 40       | 23       | 36       | 5841     | 91       | 13       |
| ESS03384  | 774145      | 8001253      | 30       | 22       | 31       | 4098     | 78       | 8        |
| ESS03385  | 774031      | 8001245      | 60       | 18       | 28       | 3092     | 86       | 12       |
| ESS03386  | 773929      | 8001241      | 40       | 15       | 40       | 6641     | 89       | 9        |
| ESS03387  | 773839      | 8001239      | 56       | 17       | 40       | 6142     | 66       | 11       |
| ESS03388  | 773928      | 8001006      | 68       | 25       | 36       | 5017     | 90       | 16       |
| ESS03389  | 774044      | 8001005      | 26       | 21       | 44       | 3612     | 72       | 14       |
| ESS03390  | 774129      | 8000994      | 64       | 51       | 147      | 3247     | 125      | 19       |
| ESS03391  | 774235      | 8000997      | 25       | 46       | 81       | 7038     | 97       | 15       |
| ESS03392  | 774328      | 8000997      | 140      | 26       | 38       | 2979     | 93       | 26       |
| ESS03393  | 774436      | 8000994      | 72       | 23       | 21       | 2712     | 95       | 18       |
| ESS03394  | 774531      | 8000992      | 23       | 62       | 94       | 5731     | 104      | 8        |
| ESS03395  | 774635      | 8000998      | 81       | 58       | 71       | 6263     | 107      | 7        |
| ESS03396  | 774742      | 8000986      | 25       | 23       | 61       | 3893     | 94       | 14       |
| ESS03397  | 774837      | 8000994      | 14       | 20       | 48       | 6132     | 85       | 8        |
| ESS03398  | 774934      | 8000998      | 9        | 23       | 61       | 5597     | 69       | 9        |
| ESS03399  | 775030      | 8000998      | 9        | 18       | 48       | 6103     | 75       | 11       |
| ESS03400  | 775138      | 8000994      | 9        | 27       | 62       | 7753     | 106      | 17       |
| ESS03401  | 775232      | 8001000      | 9        | 10       | 40       | 4657     | 53       | 10       |
| ESS03402  | 775328      | 8000987      | 9        | 21       | 44       | 3928     | 72       | 7        |
| ESS03403  | 775433      | 8000996      | 9        | 22       | 56       | 4426     | 97       | 9        |
| ESS03404  | 775531      | 8000996      | 9        | 20       | 34       | 5329     | 81       | 7        |
| ESS03405  | 775628      | 8000995      | 12       | 23       | 51       | 5773     | 89       | 12       |
| ESS03406  | 775730      | 8000991      | 14       | 32       | 53       | 8185     | 101      | 14       |
| ESS03407  | 775827      | 8000990      | 12       | 20       | 51       | 4833     | 92       | 10       |
| ESS03408  | 775930      | 8000998      | 9        | 37       | 53       | 6133     | 89       | 13       |
| ESS03409  | 776135      | 8001485      | 9        | 36       | 59       | 4331     | 87       | 14       |
| ESS03410  | 776230      | 8001495      | 9        | 25       | 56       | 4813     | 93       | 10       |
| ESS03411  | 776329      | 8001494      | 9        | 21       | 58       | 5260     | 96       | 15       |
| ESS03412  | 776437      | 8001490      | 11       | 19       | 67       | 7677     | 93       | 8        |
| ESS03413  | 776528      | 8001501      | 14       | 20       | 50       | 5369     | 90       | 16       |
| ESS03414  | 776627      | 8001504      | 9        | 17       | 61       | 4801     | 73       | 9        |
| ESS03415  | 776728      | 8001497      | 9        | 28       | 59       | 6407     | 75       | 17       |
| ESS03416  | 776641      | 8001750      | 9        | 23       | 46       | 4631     | 103      | 16       |
| ESS03417  | 776536      | 8001742      | 14       | 22       | 37       | 4852     | 80       | 4        |
| ESS03418  | 776435      | 8001744      | 9        | 18       | 65       | 5753     | 102      | 11       |
| ESS03419  | 776334      | 8001749      | 9        | 24       | 51       | 6816     | 61       | 6        |
| ESS03420  | 776235      | 8001745      | 9        | 24       | 75       | 6680     | 76       | 10       |
| ESS03421  | 776123      | 8001742      | 9        | 37       | 79       | 4067     | 65       | 8        |
| ESS03422  | 776027      | 8001742      | 9        | 25       | 52       | 5285     | 78       | 7        |
| ESS03423  | 775929      | 8001749      | 11       | 26       | 69       | 6018     | 89       | 10       |
| ESS03424  | 775833      | 8001747      | 13       | 25       | 74       | 6085     | 83       | 19       |
| ESS03425  | 775739      | 8001747      | 211      | 100      | 120      | 7094     | 87       | 8        |

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| Sample ID | Easting (m) | Northing (m) | Cu (ppm) | Pb (ppm) | Zn (ppm) | Ti (ppm) | Rb (ppm) | Th (ppm) |
|-----------|-------------|--------------|----------|----------|----------|----------|----------|----------|
| ESS03426  | 775633      | 8001746      | 36       | 20       | 56       | 8847     | 74       | 11       |
| ESS03427  | 775531      | 8001747      | 10       | 12       | 50       | 6155     | 61       | 8        |
| ESS03428  | 775444      | 8001756      | 57       | 25       | 46       | 8857     | 80       | 10       |
| ESS03429  | 775321      | 8001749      | 53       | 24       | 55       | 6338     | 100      | 14       |
| ESS03430  | 775235      | 8001746      | 9        | 17       | 52       | 5578     | 89       | 11       |
| ESS03431  | 775130      | 8001757      | 22       | 20       | 46       | 4826     | 88       | 8        |
| ESS03432  | 775026      | 8001739      | 9        | 11       | 40       | 3852     | 78       | 9        |
| ESS03433  | 774934      | 8001754      | 9        | 20       | 18       | 2758     | 95       | 17       |
| ESS03434  | 774834      | 8001742      | 14       | 20       | 18       | 3395     | 109      | 16       |
| ESS03435  | 774730      | 8001747      | 13       | 26       | 20       | 3056     | 108      | 20       |
| ESS03436  | 774631      | 8001747      | 38       | 30       | 50       | 3637     | 101      | 22       |
| ESS03437  | 774535      | 8001746      | 57       | 26       | 34       | 5033     | 119      | 29       |
| ESS03438  | 774432      | 8001746      | 9        | 27       | 43       | 4442     | 111      | 20       |
| ESS03439  | 774324      | 8001746      | 9        | 22       | 38       | 3999     | 114      | 19       |
| ESS03440  | 774224      | 8001736      | 21       | 31       | 31       | 4323     | 95       | 25       |
| ESS03441  | 774128      | 8001767      | 30       | 29       | 22       | 3987     | 106      | 19       |
| ESS03442  | 774032      | 8001750      | 14       | 79       | 84       | 4766     | 114      | 16       |
| ESS03443  | 773922      | 8001751      | 11       | 37       | 37       | 4653     | 95       | 12       |
| ESS03444  | 773831      | 8001748      | 12       | 22       | 38       | 3984     | 78       | 13       |
| ESS03445  | 773733      | 8001748      | 14       | 18       | 33       | 5499     | 86       | 14       |
| ESS03446  | 773827      | 8001495      | 22       | 18       | 25       | 5456     | 83       | 17       |
| ESS03447  | 773931      | 8001501      | 23       | 22       | 61       | 6690     | 83       | 7        |
| ESS03448  | 774028      | 8001487      | 18       | 20       | 29       | 3509     | 101      | 14       |
| ESS03449  | 774134      | 8001506      | 26       | 42       | 79       | 4471     | 87       | 13       |
| ESS03450  | 774232      | 8001497      | 11       | 34       | 58       | 4637     | 82       | 9        |
| ESS03451  | 774330      | 8001497      | 18       | 32       | 45       | 4188     | 98       | 15       |
| ESS03452  | 774433      | 8001493      | 19       | 77       | 78       | 5192     | 91       | 9        |
| ESS03453  | 774530      | 8001501      | 74       | 69       | 95       | 5816     | 103      | 7        |
| ESS03454  | 774637      | 8001504      | 17       | 33       | 83       | 4076     | 97       | 9        |
| ESS03455  | 774735      | 8001495      | 22       | 28       | 55       | 6339     | 88       | 16       |
| ESS03456  | 774832      | 8001494      | 9        | 26       | 31       | 4648     | 80       | 12       |
| ESS03457  | 774938      | 8001497      | 42       | 70       | 99       | 6050     | 88       | 12       |
| ESS03458  | 775038      | 8001488      | 11       | 17       | 36       | 6071     | 79       | 8        |
| ESS03459  | 775124      | 8001472      | 9        | 12       | 26       | 4097     | 62       | 8        |
| ESS03460  | 775232      | 8001494      | 9        | 12       | 19       | 5463     | 61       | 7        |
| ESS03461  | 775337      | 8001494      | 16       | 21       | 53       | 6532     | 77       | 7        |
| ESS03462  | 775438      | 8001490      | 44       | 40       | 56       | 7789     | 91       | 20       |
| ESS03463  | 775532      | 8001496      | 46       | 28       | 55       | 5499     | 75       | 8        |
| ESS03464  | 775637      | 8001505      | 9        | 14       | 43       | 7185     | 83       | 11       |
| ESS03465  | 775729      | 8001496      | 62       | 16       | 40       | 7922     | 79       | 17       |
| ESS03466  | 775831      | 8001494      | 11       | 12       | 41       | 5859     | 59       | 9        |
| ESS03467  | 775936      | 8001491      | 9        | 31       | 80       | 5124     | 69       | 6        |
| ESS03468  | 776035      | 8001498      | 9        | 34       | 61       | 5073     | 86       | 16       |
| ESS03469  | 776530      | 8001991      | 9        | 17       | 55       | 4638     | 77       | 4        |
| ESS03471  | 775028      | 8007985      | 152      | 13       | 62       | 5544     | 68       | 14       |
| ESS03472  | 774932      | 8008002      | 50       | 11       | 50       | 5785     | 75       | 9        |
| ESS03473  | 774835      | 8007998      | 20       | 9        | 64       | 7019     | 51       | 7        |
| ESS03475  | 774722      | 8008003      | 159      | 30       | 59       | 5720     | 112      | 16       |
| ESS03477  | 774634      | 8007996      | 195      | 42       | 91       | 5265     | 111      | 9        |
| ESS03478  | 774528      | 8007998      | 123      | 26       | 39       | 4763     | 108      | 11       |

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| Sample ID | Easting (m) | Northing (m) | Cu (ppm) | Pb (ppm) | Zn (ppm) | Ti (ppm) | Rb (ppm) | Th (ppm) |
|-----------|-------------|--------------|----------|----------|----------|----------|----------|----------|
| ESS03479  | 774423      | 8008001      | 29       | 36       | 49       | 4810     | 117      | 18       |
| ESS03480  | 774036      | 8008018      | 19       | 83       | 96       | 3928     | 102      | 18       |
| ESS03481  | 774332      | 8008004      | 9        | 21       | 22       | 4370     | 84       | 16       |
| ESS03482  | 774231      | 8007989      | 13       | 53       | 80       | 3567     | 100      | 29       |
| ESS03483  | 774138      | 8007990      | 14       | 56       | 90       | 3710     | 112      | 19       |
| ESS03484  | 773920      | 8008003      | 9        | 18       | 28       | 4261     | 97       | 23       |
| ESS03485  | 773843      | 8008016      | 9        | 43       | 42       | 4158     | 92       | 18       |
| ESS03486  | 773725      | 8007989      | 51       | 48       | 82       | 5549     | 86       | 6        |
| ESS03487  | 773634      | 8008002      | 9        | 26       | 36       | 5969     | 85       | 14       |
| ESS03488  | 773527      | 8008001      | 9        | 18       | 35       | 5359     | 109      | 24       |
| ESS03489  | 773431      | 8008000      | 9        | 42       | 34       | 4532     | 82       | 22       |
| ESS03490  | 773329      | 8008006      | 9        | 19       | 40       | 3995     | 110      | 19       |
| ESS03491  | 773229      | 8008011      | 9        | 24       | 27       | 3489     | 129      | 15       |
| ESS03492  | 773129      | 8008004      | 9        | 19       | 21       | 4993     | 95       | 16       |
| ESS03493  | 773035      | 8007999      | 9        | 23       | 44       | 6191     | 104      | 23       |
| ESS03494  | 772926      | 8007996      | 76       | 55       | 113      | 6519     | 73       | 7        |
| ESS03495  | 772820      | 8007989      | 23       | 24       | 65       | 7306     | 83       | 10       |
| ESS03496  | 772734      | 8008001      | 11       | 18       | 48       | 6898     | 75       | 10       |
| ESS03497  | 772618      | 8007979      | 21       | 28       | 68       | 6869     | 95       | 14       |
| ESS03498  | 772537      | 8007989      | 21       | 28       | 68       | 6869     | 95       | 14       |
| ESS03499  | 772430      | 8007988      | 9        | 21       | 67       | 6424     | 99       | 24       |
| ESS03500  | 772318      | 8007990      | 27       | 43       | 73       | 5184     | 80       | 9        |
| ESS03501  | 772246      | 8008003      | 24       | 29       | 58       | 4183     | 87       | 17       |
| ESS03502  | 772119      | 8007994      | 11       | 19       | 57       | 5754     | 81       | 9        |
| ESS03503  | 772034      | 8008003      | 25       | 23       | 73       | 6052     | 96       | 11       |
| ESS03504  | 776440      | 8002009      | 16       | 24       | 90       | 5866     | 86       | 8        |
| ESS03505  | 776326      | 8001997      | 9        | 23       | 108      | 5980     | 68       | 11       |
| ESS03506  | 776228      | 8002002      | 17       | 38       | 91       | 4996     | 82       | 6        |
| ESS03507  | 776135      | 8002002      | 9        | 13       | 28       | 4202     | 67       | 7        |
| ESS03508  | 776021      | 8001990      | 9        | 25       | 44       | 8259     | 77       | 8        |
| ESS03509  | 775925      | 8001992      | 21       | 21       | 32       | 5684     | 80       | 18       |
| ESS03510  | 775840      | 8001989      | 28       | 44       | 70       | 3507     | 83       | 14       |
| ESS03511  | 775631      | 8002006      | 41       | 22       | 45       | 6228     | 95       | 16       |
| ESS03512  | 775731      | 8001988      | 54       | 31       | 58       | 5848     | 79       | 15       |
| ESS03513  | 775535      | 8001991      | 28       | 20       | 46       | 5288     | 98       | 14       |
| ESS03514  | 775430      | 8002003      | 15       | 20       | 40       | 7110     | 94       | 17       |
| ESS03515  | 775324      | 8001999      | 9        | 14       | 32       | 5454     | 74       | 10       |
| ESS03516  | 775233      | 8001997      | 139      | 21       | 36       | 2326     | 98       | 19       |
| ESS03517  | 775130      | 8001998      | 9        | 29       | 20       | 2187     | 104      | 13       |
| ESS03518  | 775035      | 8001994      | 9        | 27       | 17       | 4189     | 114      | 29       |
| ESS03519  | 774927      | 8001996      | 9        | 23       | 19       | 4162     | 101      | 24       |
| ESS03520  | 774825      | 8002005      | 9        | 26       | 23       | 3433     | 119      | 26       |
| ESS03521  | 774733      | 8001999      | 9        | 23       | 28       | 4210     | 132      | 23       |
| ESS03522  | 774639      | 8001996      | 9        | 30       | 27       | 4445     | 153      | 49       |
| ESS03523  | 774535      | 8001995      | 55       | 20       | 26       | 3011     | 106      | 26       |
| ESS03524  | 774433      | 8001995      | 51       | 42       | 33       | 3106     | 123      | 25       |
| ESS03525  | 774337      | 8001999      | 20       | 34       | 25       | 3275     | 108      | 29       |
| ESS03526  | 774216      | 8001996      | 9        | 21       | 18       | 3406     | 98       | 17       |
| ESS03527  | 774132      | 8001993      | 9        | 21       | 12       | 2604     | 120      | 15       |
| ESS03528  | 774025      | 8001999      | 13       | 34       | 31       | 4299     | 117      | 25       |



| Sample ID | Easting (m) | Northing (m) | Cu (ppm) | Pb (ppm) | Zn (ppm) | Ti (ppm) | Rb (ppm) | Th (ppm) |
|-----------|-------------|--------------|----------|----------|----------|----------|----------|----------|
| ESS03529  | 773917      | 8001985      | 9        | 17       | 45       | 5975     | 96       | 11       |
| ESS03530  | 773821      | 8002014      | 9        | 20       | 46       | 7117     | 88       | 9        |
| ESS03531  | 773740      | 8001991      | 9        | 50       | 64       | 4376     | 100      | 12       |
| ESS03532  | 773640      | 8001995      | 12       | 12       | 21       | 4919     | 83       | 13       |
| ESS03533  | 773633      | 8002240      | 14       | 21       | 33       | 4651     | 69       | 7        |
| ESS03534  | 773734      | 8002236      | 9        | 26       | 45       | 6216     | 85       | 19       |
| ESS03535  | 773839      | 8002244      | 9        | 14       | 40       | 4625     | 68       | 6        |
| ESS03536  | 773931      | 8002243      | 9        | 13       | 38       | 7036     | 96       | 9        |
| ESS03537  | 774033      | 8002246      | 9        | 15       | 40       | 4310     | 102      | 10       |
| ESS03538  | 774140      | 8002250      | 30       | 118      | 73       | 4261     | 99       | 14       |
| ESS03539  | 774227      | 8002248      | 66       | 74       | 86       | 4827     | 127      | 24       |
| ESS03540  | 774334      | 8002246      | 9        | 38       | 13       | 3131     | 122      | 21       |
| ESS03541  | 774435      | 8002247      | 41       | 35       | 42       | 3201     | 135      | 29       |
| ESS03542  | 774526      | 8002254      | 119      | 48       | 60       | 2927     | 158      | 26       |
| ESS03543  | 774635      | 8002244      | 59       | 42       | 22       | 4093     | 118      | 28       |
| ESS03544  | 774726      | 8002238      | 103      | 52       | 67       | 4398     | 134      | 26       |
| ESS03545  | 774835      | 8002248      | 34       | 48       | 46       | 3131     | 113      | 31       |
| ESS03546  | 774939      | 8002246      | 20       | 46       | 38       | 3687     | 103      | 27       |
| ESS03547  | 775025      | 8002247      | 9        | 23       | 24       | 3361     | 115      | 22       |
| ESS03548  | 775131      | 8002245      | 13       | 31       | 36       | 3255     | 96       | 17       |
| ESS03549  | 775234      | 8002244      | 9        | 18       | 25       | 4107     | 123      | 24       |
| ESS03550  | 775330      | 8002244      | 29       | 29       | 47       | 3009     | 90       | 20       |
| ESS03551  | 775431      | 8002255      | 36       | 20       | 55       | 2695     | 151      | 21       |
| ESS03552  | 775531      | 8002225      | 35       | 19       | 23       | 3312     | 102      | 18       |
| ESS03553  | 775635      | 8002242      | 81       | 22       | 28       | 3998     | 98       | 21       |
| ESS03554  | 775731      | 8002250      | 134      | 44       | 86       | 7468     | 124      | 15       |
| ESS03555  | 775832      | 8002242      | 14       | 15       | 41       | 3798     | 79       | 8        |
| ESS03556  | 775932      | 8002255      | 52       | 25       | 78       | 5263     | 91       | 8        |
| ESS03557  | 776031      | 8002249      | 28       | 31       | 52       | 5868     | 78       | 11       |
| ESS03558  | 776136      | 8002250      | 27       | 30       | 61       | 6144     | 106      | 15       |
| ESS03559  | 776229      | 8002246      | 61       | 47       | 71       | 4064     | 83       | 9        |
| ESS03560  | 776335      | 8002242      | 9        | 13       | 31       | 4386     | 62       | 8        |
| ESS03561  | 776431      | 8002246      | 10       | 18       | 40       | 6092     | 78       | 8        |
| ESS03562  | 776535      | 8002249      | 9        | 19       | 58       | 5376     | 61       | 8        |
| ESS03563  | 776226      | 8003494      | 45       | 26       | 35       | 5155     | 126      | 27       |
| ESS03564  | 776129      | 8003496      | 9        | 15       | 18       | 3387     | 96       | 21       |
| ESS03565  | 776027      | 8003495      | 29       | 25       | 23       | 4392     | 106      | 25       |
| ESS03566  | 775928      | 8003489      | 9        | 23       | 31       | 4311     | 126      | 27       |
| ESS03567  | 775828      | 8003490      | 154      | 23       | 33       | 4667     | 102      | 23       |
| ESS03568  | 775734      | 8003497      | 95       | 32       | 35       | 4671     | 137      | 24       |
| ESS03569  | 775622      | 8003501      | 9        | 22       | 13       | 4234     | 101      | 19       |
| ESS03570  | 775540      | 8003495      | 9        | 21       | 21       | 3039     | 103      | 21       |
| ESS03571  | 775436      | 8003495      | 10       | 25       | 38       | 4333     | 131      | 19       |
| ESS03572  | 775338      | 8003502      | 15       | 24       | 19       | 3698     | 101      | 20       |
| ESS03573  | 775241      | 8003486      | 9        | 20       | 24       | 2610     | 121      | 17       |
| ESS03574  | 775140      | 8003493      | 41       | 31       | 51       | 3618     | 123      | 25       |
| ESS03575  | 775027      | 8003494      | 54       | 26       | 23       | 2634     | 125      | 22       |
| ESS03576  | 774936      | 8003499      | 8        | 19       | 22       | 2622     | 105      | 17       |
| ESS03577  | 774831      | 8003496      | 11       | 22       | 21       | 4784     | 120      | 28       |
| ESS03578  | 774742      | 8003482      | 32       | 28       | 34       | 3928     | 113      | 19       |



| Sample ID | Easting (m) | Northing (m) | Cu (ppm) | Pb (ppm) | Zn (ppm) | Ti (ppm) | Rb (ppm) | Th (ppm) |
|-----------|-------------|--------------|----------|----------|----------|----------|----------|----------|
| ESS03579  | 774630      | 8003494      | 67       | 31       | 38       | 3313     | 148      | 29       |
| ESS03580  | 774518      | 8003485      | 296      | 41       | 50       | 2532     | 118      | 20       |
| ESS03581  | 774416      | 8003492      | 435      | 36       | 47       | 4517     | 174      | 27       |
| ESS03582  | 774337      | 8003497      | 212      | 24       | 29       | 4383     | 158      | 27       |
| ESS03583  | 774238      | 8003491      | 272      | 38       | 46       | 3639     | 160      | 25       |
| ESS03584  | 774130      | 8003489      | 342      | 77       | 108      | 3773     | 148      | 32       |
| ESS03585  | 774933      | 8002745      | 15       | 23       | 22       | 2974     | 105      | 44       |
| ESS03586  | 774838      | 8002754      | 144      | 33       | 51       | 3299     | 141      | 31       |
| ESS03587  | 774721      | 8002742      | 30       | 49       | 42       | 4048     | 156      | 33       |
| ESS03588  | 774630      | 8002748      | 49       | 27       | 20       | 4126     | 121      | 27       |
| ESS03589  | 774029      | 8003497      | 175      | 42       | 41       | 2605     | 119      | 25       |
| ESS03590  | 773935      | 8003492      | 141      | 67       | 86       | 4123     | 130      | 33       |
| ESS03591  | 773833      | 8003489      | 9        | 31       | 32       | 3190     | 97       | 52       |
| ESS03592  | 773733      | 8003491      | 9        | 23       | 25       | 4384     | 109      | 21       |
| ESS03593  | 773631      | 8003492      | 9        | 22       | 48       | 8655     | 76       | 9        |
| ESS03594  | 773548      | 8003507      | 9        | 18       | 33       | 5971     | 79       | 10       |
| ESS03595  | 773445      | 8003484      | 13       | 22       | 40       | 5572     | 91       | 11       |
| ESS03596  | 773334      | 8003488      | 9        | 23       | 45       | 5831     | 101      | 15       |
| ESS03597  | 773220      | 8003500      | 13       | 15       | 30       | 5015     | 91       | 9        |
| ESS03598  | 773133      | 8003750      | 9        | 18       | 37       | 6256     | 89       | 10       |
| ESS03599  | 773243      | 8003749      | 16       | 23       | 40       | 6239     | 110      | 22       |
| ESS03600  | 773331      | 8003747      | 9        | 20       | 41       | 6518     | 89       | 20       |
| ESS03601  | 773546      | 8007249      | 9        | 17       | 55       | 5513     | 62       | 13       |
| ESS03602  | 773635      | 8007244      | 17       | 56       | 66       | 4443     | 107      | 9        |
| ESS03603  | 773736      | 8007241      | 9        | 81       | 137      | 6791     | 96       | 16       |
| ESS03604  | 773835      | 8007242      | 12       | 24       | 79       | 5780     | 61       | 11       |
| ESS03605  | 773944      | 8007261      | 9        | 41       | 56       | 3091     | 107      | 11       |
| ESS03606  | 774026      | 8007240      | 25       | 35       | 23       | 3224     | 126      | 20       |
| ESS03607  | 774139      | 8007242      | 9        | 72       | 83       | 4227     | 88       | 17       |
| ESS03608  | 773540      | 8002502      | 10       | 20       | 26       | 5115     | 83       | 23       |
| ESS03609  | 773639      | 8002502      | 10       | 27       | 45       | 5811     | 86       | 10       |
| ESS03610  | 773740      | 8002493      | 9        | 20       | 25       | 4901     | 86       | 12       |
| ESS03611  | 775427      | 8002993      | 50       | 32       | 21       | 4814     | 123      | 25       |
| ESS03612  | 775528      | 8002991      | 46       | 23       | 19       | 2953     | 133      | 26       |
| ESS03613  | 775633      | 8002995      | 9        | 19       | 21       | 3541     | 132      | 29       |
| ESS03614  | 775733      | 8003002      | 26       | 27       | 29       | 4231     | 113      | 22       |
| ESS03615  | 775842      | 8002988      | 9        | 28       | 22       | 3692     | 136      | 21       |
| ESS03616  | 775929      | 8002993      | 95       | 27       | 49       | 3464     | 110      | 25       |
| ESS03617  | 776020      | 8002996      | 95       | 32       | 48       | 4736     | 122      | 25       |
| ESS03618  | 776146      | 8003002      | 17       | 26       | 27       | 3996     | 106      | 23       |
| ESS03619  | 776224      | 8002985      | 614      | 101      | 134      | 3399     | 114      | 15       |
| ESS03620  | 776329      | 8002999      | 437      | 33       | 50       | 3485     | 121      | 18       |
| ESS03621  | 773835      | 8002495      | 9        | 9        | 37       | 4068     | 64       | 7        |
| ESS03622  | 773937      | 8002495      | 9        | 20       | 32       | 4107     | 96       | 9        |
| ESS03623  | 774025      | 8002486      | 9        | 28       | 20       | 3253     | 79       | 18       |
| ESS03624  | 774125      | 8002496      | 19       | 76       | 71       | 4395     | 121      | 16       |
| ESS03625  | 774238      | 8002501      | 22       | 76       | 49       | 3429     | 120      | 21       |
| ESS03626  | 774323      | 8002500      | 16       | 42       | 28       | 3534     | 124      | 32       |
| ESS03627  | 774437      | 8002485      | 167      | 44       | 39       | 4082     | 114      | 23       |
| ESS03628  | 774531      | 8002500      | 19       | 29       | 25       | 2705     | 97       | 16       |



| Sample ID | Easting (m) | Northing (m) | Cu (ppm) | Pb (ppm) | Zn (ppm) | Ti (ppm) | Rb (ppm) | Th (ppm) |
|-----------|-------------|--------------|----------|----------|----------|----------|----------|----------|
| ESS03629  | 774626      | 8002499      | 40       | 29       | 29       | 3761     | 112      | 18       |
| ESS03630  | 774736      | 8002501      | 34       | 36       | 26       | 2639     | 105      | 40       |
| ESS03631  | 774834      | 8002486      | 9        | 21       | 16       | 4042     | 108      | 21       |
| ESS03632  | 774918      | 8002491      | 46       | 23       | 42       | 3875     | 122      | 39       |
| ESS03633  | 775028      | 8002501      | 129      | 25       | 21       | 3341     | 134      | 20       |
| ESS03634  | 775133      | 8002495      | 9        | 24       | 27       | 3571     | 94       | 23       |
| ESS03635  | 775234      | 8002484      | 44       | 26       | 41       | 5086     | 123      | 25       |
| ESS03636  | 775321      | 8002494      | 82       | 27       | 53       | 4973     | 132      | 31       |
| ESS03637  | 775441      | 8002491      | 39       | 19       | 21       | 5756     | 138      | 19       |
| ESS03638  | 775531      | 8002499      | 30       | 24       | 19       | 3578     | 123      | 13       |
| ESS03639  | 775630      | 8002494      | 93       | 40       | 39       | 3107     | 112      | 19       |
| ESS03640  | 775741      | 8002484      | 223      | 35       | 43       | 3710     | 113      | 15       |
| ESS03641  | 775824      | 8002490      | 197      | 22       | 42       | 4323     | 106      | 11       |
| ESS03642  | 775933      | 8002493      | 29       | 33       | 75       | 5514     | 105      | 15       |
| ESS03643  | 776040      | 8002491      | 123      | 15       | 74       | 3257     | 73       | 8        |
| ESS03644  | 776129      | 8002490      | 17       | 28       | 62       | 4726     | 95       | 13       |
| ESS03645  | 776228      | 8002499      | 40       | 360      | 180      | 5475     | 73       | 8        |
| ESS03646  | 776324      | 8002503      | 32       | 29       | 86       | 6595     | 107      | 12       |
| ESS03647  | 776434      | 8002492      | 9        | 18       | 30       | 4313     | 72       | 11       |
| ESS03648  | 776446      | 8002748      | 69       | 52       | 68       | 5323     | 91       | 11       |
| ESS03649  | 776336      | 8002739      | 179      | 65       | 91       | 4833     | 108      | 13       |
| ESS03650  | 776233      | 8002741      | 332      | 76       | 68       | 3910     | 121      | 20       |
| ESS03651  | 776138      | 8002761      | 9        | 46       | 40       | 3392     | 70       | 16       |
| ESS03652  | 776038      | 8002733      | 9        | 26       | 57       | 3237     | 85       | 13       |
| ESS03653  | 775939      | 8002748      | 29       | 19       | 28       | 2112     | 92       | 34       |
| ESS03654  | 775832      | 8002747      | 98       | 17       | 25       | 4023     | 94       | 17       |
| ESS03655  | 775738      | 8002756      | 52       | 18       | 26       | 3930     | 97       | 20       |
| ESS03656  | 775631      | 8002759      | 58       | 26       | 27       | 4226     | 123      | 20       |
| ESS03657  | 775539      | 8002754      | 28       | 18       | 29       | 3707     | 100      | 19       |
| ESS03658  | 775428      | 8002752      | 12       | 28       | 24       | 3504     | 113      | 22       |
| ESS03659  | 775331      | 8002761      | 9        | 25       | 24       | 2749     | 125      | 24       |
| ESS03660  | 775239      | 8002734      | 22       | 23       | 20       | 3423     | 99       | 31       |
| ESS03661  | 775138      | 8002753      | 9        | 27       | 31       | 3456     | 129      | 26       |
| ESS03662  | 775044      | 8002740      | 16       | 24       | 45       | 2332     | 106      | 32       |
| ESS03663  | 773436      | 8002760      | 9        | 17       | 23       | 6582     | 71       | 13       |
| ESS03664  | 773527      | 8002756      | 9        | 24       | 28       | 5348     | 65       | 12       |
| ESS03665  | 773644      | 8002745      | 9        | 12       | 25       | 3437     | 90       | 17       |
| ESS03666  | 773731      | 8002753      | 9        | 23       | 43       | 2185     | 125      | 10       |
| ESS03667  | 773835      | 8002751      | 9        | 25       | 43       | 4242     | 117      | 27       |
| ESS03668  | 773926      | 8002744      | 9        | 12       | 9        | 1879     | 75       | 16       |
| ESS03669  | 774023      | 8002734      | 18       | 40       | 27       | 2950     | 105      | 20       |
| ESS03670  | 774143      | 8002748      | 61       | 80       | 45       | 2210     | 121      | 21       |
| ESS03671  | 774239      | 8002744      | 108      | 59       | 46       | 4316     | 146      | 31       |
| ESS03672  | 774326      | 8002744      | 119      | 32       | 22       | 3549     | 152      | 31       |
| ESS03673  | 774432      | 8002747      | 73       | 27       | 21       | 3203     | 121      | 42       |
| ESS03674  | 774530      | 8002743      | 109      | 30       | 33       | 3156     | 140      | 24       |
| ESS03676  | 774934      | 8002996      | 45       | 20       | 28       | 3793     | 107      | 21       |
| ESS03677  | 775050      | 8003004      | 9        | 24       | 27       | 4186     | 133      | 23       |
| ESS03678  | 775133      | 8002998      | 23       | 31       | 35       | 3698     | 115      | 28       |
| ESS03679  | 775233      | 8002996      | 17       | 24       | 10       | 4545     | 100      | 26       |



| Sample ID | Easting (m) | Northing (m) | Cu (ppm) | Pb (ppm) | Zn (ppm) | Ti (ppm) | Rb (ppm) | Th (ppm) |
|-----------|-------------|--------------|----------|----------|----------|----------|----------|----------|
| ESS03680  | 775335      | 8002991      | 31       | 27       | 28       | 4170     | 160      | 27       |
| ESS03681  | 776232      | 8003231      | 44       | 26       | 29       | 4194     | 117      | 19       |
| ESS03682  | 776124      | 8003255      | 9        | 22       | 17       | 3045     | 99       | 17       |
| ESS03683  | 776027      | 8003241      | 21       | 26       | 25       | 4056     | 119      | 39       |
| ESS03684  | 775946      | 8003240      | 10       | 17       | 26       | 6565     | 87       | 12       |
| ESS03685  | 775828      | 8003245      | 39       | 20       | 26       | 5281     | 101      | 30       |
| ESS03686  | 775735      | 8003248      | 9        | 25       | 23       | 4420     | 97       | 23       |
| ESS03687  | 775630      | 8003250      | 9        | 22       | 9        | 3586     | 112      | 18       |
| ESS03688  | 775535      | 8003269      | 9        | 21       | 15       | 3502     | 111      | 20       |
| ESS03689  | 775438      | 8003238      | 9        | 22       | 15       | 3250     | 108      | 20       |
| ESS03690  | 775329      | 8003249      | 30       | 19       | 17       | 4359     | 124      | 23       |
| ESS03691  | 775222      | 8003232      | 12       | 14       | 29       | 3148     | 82       | 20       |
| ESS03692  | 775132      | 8003243      | 17       | 20       | 20       | 3731     | 117      | 19       |
| ESS03693  | 775045      | 8003266      | 9        | 26       | 19       | 3815     | 112      | 21       |
| ESS03694  | 773643      | 8005005      | 25       | 30       | 29       | 4515     | 124      | 26       |
| ESS03695  | 773530      | 8005005      | 18       | 39       | 28       | 3311     | 130      | 22       |
| ESS03696  | 773427      | 8004999      | 23       | 30       | 30       | 2983     | 102      | 27       |
| ESS03697  | 773336      | 8004991      | 18       | 49       | 46       | 4538     | 122      | 23       |
| ESS03698  | 773223      | 8004997      | 16       | 36       | 35       | 5296     | 115      | 24       |
| ESS03699  | 773138      | 8005005      | 12       | 18       | 21       | 5844     | 110      | 14       |
| ESS03700  | 773038      | 8005007      | 9        | 16       | 25       | 4535     | 101      | 14       |
| ESS03701  | 773438      | 8003749      | 9        | 15       | 38       | 6136     | 100      | 20       |
| ESS03702  | 773537      | 8003749      | 9        | 21       | 23       | 5283     | 104      | 12       |
| ESS03703  | 773634      | 8003745      | 9        | 25       | 28       | 5783     | 136      | 26       |
| ESS03704  | 773729      | 8003745      | 13       | 29       | 39       | 4345     | 137      | 32       |
| ESS03705  | 773826      | 8003758      | 21       | 32       | 32       | 3226     | 121      | 28       |
| ESS03706  | 773930      | 8003748      | 161      | 40       | 36       | 4152     | 144      | 26       |
| ESS03707  | 774031      | 8003744      | 281      | 47       | 42       | 3502     | 168      | 33       |
| ESS03708  | 774122      | 8003729      | 169      | 42       | 24       | 3221     | 176      | 36       |
| ESS03709  | 774235      | 8003741      | 436      | 126      | 85       | 4076     | 179      | 54       |
| ESS03710  | 774335      | 8003743      | 309      | 56       | 83       | 4531     | 179      | 38       |
| ESS03711  | 774439      | 8003750      | 173      | 34       | 38       | 3696     | 167      | 34       |
| ESS03712  | 774530      | 8003751      | 50       | 24       | 33       | 4604     | 141      | 31       |
| ESS03713  | 774629      | 8003751      | 18       | 26       | 13       | 3594     | 113      | 33       |
| ESS03714  | 774722      | 8003741      | 16       | 20       | 23       | 4453     | 121      | 26       |
| ESS03715  | 774838      | 8003737      | 39       | 22       | 20       | 4036     | 129      | 20       |
| ESS03716  | 774940      | 8003741      | 77       | 48       | 27       | 3964     | 137      | 36       |
| ESS03717  | 775031      | 8003738      | 88       | 26       | 17       | 3544     | 126      | 16       |
| ESS03718  | 775128      | 8003741      | 18       | 20       | 27       | 4093     | 106      | 18       |
| ESS03719  | 775232      | 8003755      | 9        | 21       | 14       | 4517     | 74       | 14       |
| ESS03720  | 775332      | 8003747      | 41       | 21       | 23       | 4646     | 97       | 21       |
| ESS03721  | 775433      | 8003746      | 9        | 20       | 18       | 4092     | 107      | 20       |
| ESS03722  | 775523      | 8003751      | 60       | 43       | 52       | 5146     | 137      | 27       |
| ESS03723  | 775637      | 8003754      | 9        | 19       | 22       | 3780     | 128      | 17       |
| ESS03724  | 775734      | 8003745      | 9        | 23       | 26       | 3977     | 115      | 21       |
| ESS03725  | 775832      | 8003747      | 9        | 22       | 29       | 4457     | 86       | 17       |
| ESS03726  | 775934      | 8003747      | 9        | 20       | 36       | 4175     | 93       | 21       |
| ESS03727  | 776028      | 8003752      | 41       | 28       | 26       | 4234     | 126      | 30       |
| ESS03728  | 776135      | 8003751      | 19       | 25       | 33       | 5125     | 125      | 32       |
| ESS03729  | 773330      | 8003010      | 9        | 17       | 22       | 5239     | 66       | 8        |



| Sample ID | Easting (m) | Northing (m) | Cu (ppm) | Pb (ppm) | Zn (ppm) | Ti (ppm) | Rb (ppm) | Th (ppm) |
|-----------|-------------|--------------|----------|----------|----------|----------|----------|----------|
| ESS03730  | 773427      | 8003018      | 9        | 19       | 45       | 5519     | 89       | 8        |
| ESS03731  | 773528      | 8002998      | 10       | 19       | 58       | 7198     | 98       | 11       |
| ESS03732  | 773627      | 8002999      | 9        | 23       | 37       | 5257     | 111      | 14       |
| ESS03733  | 773740      | 8002997      | 9        | 25       | 18       | 5620     | 73       | 17       |
| ESS03734  | 773832      | 8003001      | 17       | 33       | 48       | 4777     | 134      | 27       |
| ESS03735  | 773921      | 8002995      | 13       | 25       | 42       | 4524     | 134      | 18       |
| ESS03736  | 774018      | 8002989      | 14       | 30       | 36       | 4280     | 129      | 35       |
| ESS03737  | 774132      | 8002991      | 35       | 40       | 17       | 4071     | 111      | 30       |
| ESS03738  | 774225      | 8002992      | 67       | 39       | 44       | 4353     | 145      | 36       |
| ESS03739  | 774325      | 8003006      | 214      | 35       | 46       | 3403     | 155      | 45       |
| ESS03740  | 774428      | 8002997      | 328      | 38       | 51       | 5061     | 146      | 33       |
| ESS03741  | 774535      | 8002999      | 63       | 26       | 23       | 3967     | 124      | 25       |
| ESS03742  | 774627      | 8003008      | 43       | 25       | 33       | 2952     | 126      | 22       |
| ESS03743  | 774729      | 8002990      | 193      | 37       | 58       | 3750     | 132      | 32       |
| ESS03744  | 774833      | 8002997      | 9        | 30       | 32       | 3955     | 113      | 34       |
| ESS03745  | 773137      | 8004010      | 9        | 15       | 31       | 5514     | 88       | 11       |
| ESS03746  | 773231      | 8003998      | 9        | 26       | 48       | 4144     | 118      | 19       |
| ESS03747  | 773330      | 8003991      | 21       | 30       | 27       | 5176     | 91       | 25       |
| ESS03748  | 773425      | 8003995      | 9        | 23       | 55       | 5062     | 113      | 25       |
| ESS03749  | 773536      | 8004002      | 31       | 34       | 27       | 5209     | 115      | 22       |
| ESS03750  | 773626      | 8003997      | 9        | 17       | 28       | 4960     | 101      | 14       |
| ESS03751  | 773734      | 8003999      | 25       | 29       | 30       | 2908     | 137      | 33       |
| ESS03752  | 773849      | 8003998      | 53       | 23       | 24       | 2652     | 120      | 31       |
| ESS03753  | 774039      | 8004002      | 308      | 50       | 50       | 3868     | 162      | 36       |
| ESS03754  | 774145      | 8003998      | 203      | 31       | 34       | 2589     | 142      | 34       |
| ESS03755  | 774237      | 8003993      | 341      | 47       | 53       | 3587     | 128      | 27       |
| ESS03756  | 774339      | 8003992      | 151      | 92       | 56       | 3652     | 136      | 30       |
| ESS03757  | 774437      | 8003990      | 144      | 29       | 18       | 4835     | 154      | 34       |
| ESS03758  | 774546      | 8003986      | 9        | 26       | 11       | 3011     | 123      | 19       |
| ESS03759  | 774637      | 8003994      | 34       | 17       | 13       | 3018     | 107      | 16       |
| ESS03760  | 774739      | 8003994      | 124      | 28       | 26       | 4744     | 136      | 31       |
| ESS03761  | 774731      | 8004250      | 29       | 25       | 19       | 3610     | 112      | 20       |
| ESS03762  | 774640      | 8004237      | 118      | 24       | 33       | 3592     | 136      | 21       |
| ESS03763  | 774531      | 8004243      | 48       | 25       | 12       | 3971     | 108      | 17       |
| ESS03764  | 774430      | 8004249      | 26       | 21       | 12       | 3124     | 108      | 20       |
| ESS03765  | 774331      | 8004239      | 101      | 36       | 26       | 3625     | 147      | 30       |
| ESS03766  | 774219      | 8004242      | 46       | 44       | 33       | 3082     | 136      | 29       |
| ESS03768  | 774131      | 8004242      | 39       | 32       | 30       | 3903     | 163      | 40       |
| ESS03769  | 774033      | 8004247      | 68       | 32       | 27       | 3587     | 171      | 42       |
| ESS03770  | 773933      | 8004243      | 58       | 28       | 32       | 3009     | 162      | 24       |
| ESS03771  | 773919      | 8003995      | 601      | 44       | 46       | 4509     | 160      | 24       |
| ESS03772  | 773834      | 8004246      | 43       | 28       | 15       | 3427     | 146      | 31       |
| ESS03773  | 773733      | 8004243      | 16       | 26       | 25       | 3564     | 150      | 34       |
| ESS03774  | 773040      | 8004248      | 14       | 21       | 36       | 6773     | 102      | 27       |
| ESS03775  | 773127      | 8004239      | 17       | 136      | 128      | 5753     | 111      | 13       |
| ESS03776  | 773235      | 8004251      | 9        | 26       | 45       | 4484     | 90       | 19       |
| ESS03777  | 773332      | 8004241      | 9        | 29       | 28       | 4484     | 105      | 25       |
| ESS03778  | 773422      | 8004242      | 9        | 29       | 26       | 5314     | 104      | 28       |
| ESS03779  | 773528      | 8004242      | 49       | 27       | 22       | 4507     | 112      | 31       |
| ESS03780  | 773633      | 8004244      | 9        | 27       | 33       | 3779     | 130      | 32       |



| Sample ID | Easting (m) | Northing (m) | Cu (ppm) | Pb (ppm) | Zn (ppm) | Ti (ppm) | Rb (ppm) | Th (ppm) |
|-----------|-------------|--------------|----------|----------|----------|----------|----------|----------|
| ESS03781  | 773332      | 8003253      | 9        | 20       | 27       | 6858     | 78       | 8        |
| ESS03782  | 773427      | 8003249      | 9        | 21       | 58       | 7249     | 91       | 13       |
| ESS03783  | 773538      | 8003258      | 9        | 17       | 43       | 5866     | 81       | 8        |
| ESS03784  | 773624      | 8003239      | 9        | 23       | 38       | 4544     | 92       | 13       |
| ESS03785  | 773731      | 8003255      | 9        | 20       | 17       | 3670     | 99       | 19       |
| ESS03786  | 773835      | 8003246      | 9        | 22       | 30       | 5628     | 141      | 20       |
| ESS03787  | 773936      | 8003252      | 72       | 53       | 48       | 2954     | 137      | 43       |
| ESS03788  | 774032      | 8003249      | 137      | 144      | 42       | 3941     | 141      | 32       |
| ESS03789  | 774129      | 8003248      | 112      | 19       | 26       | 3348     | 113      | 17       |
| ESS03790  | 774230      | 8003253      | 128      | 50       | 56       | 3599     | 129      | 27       |
| ESS03791  | 774330      | 8003247      | 99       | 29       | 21       | 2722     | 128      | 23       |
| ESS03792  | 774436      | 8003250      | 91       | 15       | 22       | 2998     | 109      | 19       |
| ESS03793  | 774531      | 8003245      | 98       | 28       | 44       | 3336     | 141      | 29       |
| ESS03794  | 774627      | 8003246      | 144      | 39       | 62       | 3662     | 136      | 23       |
| ESS03795  | 774735      | 8003259      | 238      | 31       | 32       | 4230     | 118      | 31       |
| ESS03796  | 774829      | 8003241      | 23       | 34       | 36       | 3949     | 136      | 36       |
| ESS03797  | 774931      | 8003244      | 14       | 23       | 32       | 4193     | 149      | 22       |
| ESS03798  | 774829      | 8003996      | 14       | 35       | 45       | 4633     | 87       | 23       |
| ESS03799  | 774928      | 8003995      | 82       | 29       | 47       | 2452     | 132      | 26       |
| ESS03800  | 775032      | 8003990      | 38       | 64       | 78       | 3052     | 92       | 13       |
| ESS03801  | 772924      | 8004995      | 9        | 15       | 25       | 4648     | 85       | 8        |
| ESS03802  | 772836      | 8005000      | 9        | 16       | 23       | 4275     | 85       | 15       |
| ESS03803  | 772936      | 8004763      | 12       | 21       | 35       | 5981     | 90       | 13       |
| ESS03804  | 773041      | 8004748      | 9        | 19       | 39       | 5919     | 87       | 6        |
| ESS03805  | 773135      | 8004738      | 9        | 17       | 23       | 4263     | 72       | 8        |
| ESS03806  | 773234      | 8004739      | 15       | 36       | 44       | 3556     | 93       | 18       |
| ESS03807  | 773332      | 8004735      | 9        | 29       | 37       | 6665     | 125      | 15       |
| ESS03808  | 773416      | 8004741      | 36       | 28       | 30       | 4084     | 103      | 14       |
| ESS03809  | 773534      | 8004737      | 20       | 27       | 31       | 4191     | 114      | 24       |
| ESS03810  | 773645      | 8004746      | 68       | 25       | 18       | 2992     | 90       | 17       |
| ESS03811  | 773730      | 8004741      | 53       | 40       | 29       | 2923     | 118      | 30       |
| ESS03812  | 773723      | 8005002      | 32       | 28       | 19       | 3575     | 140      | 33       |
| ESS03813  | 773832      | 8005001      | 205      | 26       | 36       | 4359     | 155      | 27       |
| ESS03814  | 773931      | 8005004      | 25       | 18       | 17       | 1973     | 113      | 14       |
| ESS03815  | 774027      | 8005004      | 63       | 20       | 18       | 3346     | 109      | 23       |
| ESS03816  | 774133      | 8005003      | 58       | 23       | 19       | 3964     | 99       | 19       |
| ESS03817  | 774221      | 8005000      | 13       | 17       | 7        | 3191     | 105      | 17       |
| ESS03818  | 774323      | 8004992      | 303      | 40       | 42       | 4936     | 157      | 30       |
| ESS03819  | 774433      | 8004986      | 57       | 26       | 28       | 3379     | 128      | 23       |
| ESS03820  | 774528      | 8004997      | 20       | 31       | 26       | 3383     | 119      | 27       |
| ESS03821  | 774535      | 8004748      | 9        | 30       | 26       | 3901     | 114      | 34       |
| ESS03822  | 774439      | 8004753      | 29       | 23       | 18       | 4056     | 120      | 22       |
| ESS03823  | 774328      | 8004753      | 137      | 24       | 17       | 3329     | 138      | 17       |
| ESS03824  | 774235      | 8004739      | 78       | 23       | 20       | 3064     | 121      | 20       |
| ESS03825  | 774141      | 8004738      | 9        | 25       | 25       | 4355     | 139      | 33       |
| ESS03826  | 774039      | 8004740      | 89       | 23       | 20       | 4442     | 147      | 28       |
| ESS03827  | 773940      | 8004742      | 92       | 19       | 22       | 3324     | 161      | 32       |
| ESS03828  | 773845      | 8004741      | 145      | 28       | 36       | 4230     | 150      | 34       |
| ESS03829  | 774823      | 8004746      | 59       | 50       | 60       | 3435     | 130      | 27       |
| ESS03830  | 774740      | 8004742      | 24       | 32       | 22       | 4444     | 152      | 25       |





| Sample ID | Easting (m) | Northing (m) | Cu (ppm) | Pb (ppm) | Zn (ppm) | Ti (ppm) | Rb (ppm) | Th (ppm) |
|-----------|-------------|--------------|----------|----------|----------|----------|----------|----------|
| ESS03831  | 774632      | 8004741      | 9        | 73       | 88       | 3164     | 152      | 25       |
| ESS03832  | 774646      | 8005001      | 261      | 49       | 67       | 3120     | 131      | 61       |
| ESS03833  | 774736      | 8005000      | 143      | 38       | 43       | 3837     | 158      | 21       |
| ESS03834  | 774834      | 8004995      | 270      | 30       | 52       | 3454     | 160      | 31       |
| ESS03835  | 774940      | 8004994      | 216      | 32       | 37       | 3696     | 124      | 28       |
| ESS03836  | 775024      | 8004993      | 150      | 30       | 39       | 3073     | 124      | 21       |
| ESS03837  | 775134      | 8004995      | 150      | 35       | 34       | 4022     | 139      | 21       |
| ESS03838  | 775225      | 8004991      | 59       | 26       | 27       | 5072     | 106      | 29       |
| ESS03839  | 775333      | 8004986      | 14       | 23       | 28       | 4634     | 106      | 27       |
| ESS03840  | 775427      | 8004997      | 9        | 29       | 27       | 4197     | 120      | 23       |
| ESS03841  | 775535      | 8005002      | 24       | 28       | 27       | 4002     | 120      | 15       |
| ESS03842  | 775633      | 8004993      | 9        | 27       | 30       | 4156     | 114      | 18       |
| ESS03843  | 775726      | 8004998      | 33       | 18       | 71       | 5888     | 93       | 13       |
| ESS03844  | 775828      | 8004759      | 15       | 23       | 38       | 4322     | 115      | 20       |
| ESS03845  | 775731      | 8004749      | 80       | 27       | 45       | 5313     | 127      | 21       |
| ESS03846  | 775630      | 8004743      | 68       | 33       | 47       | 3837     | 124      | 20       |
| ESS03847  | 775523      | 8004749      | 25       | 40       | 56       | 4841     | 97       | 24       |
| ESS03848  | 775416      | 8004750      | 12       | 19       | 19       | 3532     | 117      | 16       |
| ESS03849  | 775338      | 8004757      | 51       | 19       | 12       | 3831     | 116      | 29       |
| ESS03850  | 775233      | 8004744      | 43       | 26       | 25       | 3560     | 100      | 22       |
| ESS03851  | 775130      | 8004747      | 126      | 32       | 43       | 3573     | 156      | 28       |
| ESS03852  | 775024      | 8004743      | 70       | 24       | 17       | 3095     | 109      | 19       |
| ESS03853  | 774929      | 8004741      | 218      | 32       | 20       | 3215     | 147      | 20       |
| ESS03854  | 772127      | 8007475      | 32       | 40       | 65       | 7226     | 103      | 20       |
| ESS03855  | 772234      | 8007484      | 9        | 13       | 22       | 2123     | 71       | 20       |
| ESS03856  | 772340      | 8007494      | 9        | 24       | 21       | 5631     | 79       | 11       |
| ESS03857  | 772447      | 8007492      | 9        | 26       | 44       | 6576     | 97       | 20       |
| ESS03858  | 772532      | 8007500      | 17       | 40       | 50       | 5187     | 68       | 14       |
| ESS03859  | 772628      | 8007480      | 16       | 23       | 35       | 4699     | 82       | 23       |
| ESS03860  | 772731      | 8007496      | 9        | 44       | 56       | 4535     | 93       | 16       |
| ESS03861  | 772795      | 8007473      | 9        | 18       | 16       | 3437     | 71       | 11       |
| ESS03862  | 772935      | 8007482      | 113      | 26       | 43       | 5755     | 96       | 17       |
| ESS03863  | 773014      | 8007490      | 69       | 22       | 37       | 5052     | 115      | 16       |
| ESS03864  | 773141      | 8007491      | 188      | 23       | 39       | 4642     | 119      | 23       |
| ESS03865  | 773243      | 8007503      | 47       | 27       | 44       | 4706     | 138      | 17       |
| ESS03866  | 773332      | 8007497      | 9        | 20       | 37       | 5634     | 100      | 12       |
| ESS03867  | 773438      | 8007501      | 21       | 67       | 119      | 5533     | 111      | 18       |
| ESS03868  | 773528      | 8007495      | 15       | 21       | 34       | 5723     | 99       | 12       |
| ESS03869  | 773622      | 8007508      | 21       | 66       | 103      | 4923     | 87       | 13       |
| ESS03870  | 773728      | 8007493      | 18       | 51       | 94       | 8783     | 85       | 11       |
| ESS03871  | 773839      | 8007497      | 14       | 86       | 123      | 6273     | 71       | 8        |
| ESS03872  | 773927      | 8007490      | 9        | 28       | 62       | 6334     | 66       | 11       |
| ESS03873  | 774052      | 8007495      | 9        | 22       | 55       | 7411     | 64       | 17       |
| ESS03874  | 774130      | 8007491      | 9        | 18       | 29       | 4306     | 64       | 12       |
| ESS03875  | 774234      | 8007495      | 9        | 26       | 26       | 3520     | 102      | 21       |
| ESS03876  | 772330      | 8007012      | 9        | 22       | 40       | 4072     | 92       | 14       |
| ESS03877  | 772449      | 8006985      | 9        | 22       | 38       | 5593     | 106      | 31       |
| ESS03878  | 772508      | 8007001      | 21       | 26       | 62       | 5522     | 120      | 12       |
| ESS03879  | 772647      | 8006993      | 84       | 36       | 45       | 2902     | 115      | 14       |
| ESS03880  | 772743      | 8006997      | 43       | 23       | 50       | 5831     | 86       | 14       |



| Sample ID | Easting (m) | Northing (m) | Cu (ppm) | Pb (ppm) | Zn (ppm) | Ti (ppm) | Rb (ppm) | Th (ppm) |
|-----------|-------------|--------------|----------|----------|----------|----------|----------|----------|
| ESS03881  | 772829      | 8007001      | 22       | 23       | 47       | 5086     | 115      | 16       |
| ESS03882  | 772941      | 8007002      | 67       | 19       | 34       | 4271     | 104      | 18       |
| ESS03883  | 773035      | 8007001      | 214      | 69       | 88       | 6418     | 119      | 16       |
| ESS03884  | 773131      | 8007000      | 210      | 17       | 30       | 3728     | 115      | 15       |
| ESS03885  | 773233      | 8006999      | 47       | 23       | 75       | 5856     | 90       | 14       |
| ESS03886  | 773335      | 8007008      | 79       | 68       | 90       | 5307     | 120      | 16       |
| ESS03887  | 773427      | 8006993      | 21       | 87       | 122      | 5606     | 97       | 9        |
| ESS03888  | 773533      | 8006995      | 9        | 38       | 49       | 4758     | 95       | 20       |
| ESS03889  | 773645      | 8006997      | 9        | 16       | 50       | 4164     | 60       | 6        |
| ESS03890  | 773726      | 8006998      | 19       | 29       | 73       | 6923     | 72       | 16       |
| ESS03891  | 773830      | 8006991      | 9        | 16       | 79       | 6188     | 63       | 6        |
| ESS03892  | 773922      | 8006988      | 9        | 18       | 43       | 7429     | 54       | 6        |
| ESS03893  | 774042      | 8006980      | 15       | 23       | 49       | 4953     | 62       | 12       |
| ESS03894  | 774135      | 8007002      | 18       | 17       | 70       | 6947     | 76       | 7        |
| ESS03895  | 774241      | 8007002      | 257      | 40       | 145      | 5708     | 118      | 8        |
| ESS03896  | 774330      | 8007008      | 158      | 40       | 82       | 4792     | 95       | 9        |
| ESS03897  | 774426      | 8007003      | 13       | 24       | 30       | 5211     | 100      | 16       |
| ESS03898  | 774539      | 8006988      | 61       | 22       | 56       | 7963     | 107      | 22       |
| ESS03899  | 775836      | 8006997      | 33       | 21       | 56       | 3676     | 97       | 7        |
| ESS03900  | 775738      | 8006989      | 73       | 11       | 26       | 5519     | 104      | 12       |
| ESS03901  | 775137      | 8004000      | 152      | 29       | 29       | 3797     | 118      | 28       |
| ESS03902  | 775229      | 8004000      | 73       | 21       | 25       | 3540     | 128      | 24       |
| ESS03903  | 775324      | 8003997      | 181      | 27       | 30       | 3137     | 127      | 18       |
| ESS03904  | 775432      | 8003998      | 72       | 38       | 47       | 4868     | 102      | 21       |
| ESS03905  | 775530      | 8003994      | 43       | 42       | 43       | 3645     | 96       | 18       |
| ESS03906  | 775629      | 8003995      | 10       | 20       | 18       | 3765     | 102      | 21       |
| ESS03907  | 775748      | 8003998      | 20       | 16       | 20       | 4484     | 75       | 16       |
| ESS03908  | 775837      | 8003994      | 15       | 22       | 15       | 4273     | 81       | 27       |
| ESS03909  | 775934      | 8003995      | 20       | 19       | 27       | 4127     | 111      | 22       |
| ESS03910  | 776030      | 8004000      | 16       | 17       | 12       | 3929     | 78       | 18       |
| ESS03911  | 775927      | 8004244      | 23       | 24       | 18       | 4909     | 87       | 22       |
| ESS03912  | 775828      | 8004244      | 9        | 20       | 11       | 4082     | 93       | 22       |
| ESS03913  | 775729      | 8004249      | 9        | 22       | 19       | 4937     | 95       | 22       |
| ESS03914  | 775633      | 8004243      | 69       | 22       | 33       | 5217     | 100      | 33       |
| ESS03915  | 775525      | 8004246      | 33       | 45       | 50       | 4146     | 119      | 27       |
| ESS03916  | 775428      | 8004252      | 68       | 33       | 32       | 4973     | 138      | 35       |
| ESS03917  | 775329      | 8004249      | 218      | 27       | 41       | 4811     | 116      | 23       |
| ESS03918  | 775233      | 8004240      | 51       | 37       | 53       | 2711     | 80       | 12       |
| ESS03919  | 775123      | 8004241      | 225      | 23       | 27       | 3689     | 137      | 22       |
| ESS03920  | 775036      | 8004250      | 117      | 25       | 57       | 3579     | 132      | 26       |
| ESS03921  | 774940      | 8004253      | 110      | 20       | 26       | 2378     | 99       | 13       |
| ESS03922  | 774828      | 8004257      | 20       | 17       | 27       | 3657     | 82       | 11       |
| ESS03923  | 774629      | 8004493      | 16       | 24       | 30       | 4254     | 127      | 32       |
| ESS03924  | 774723      | 8004496      | 44       | 30       | 54       | 5007     | 121      | 15       |
| ESS03925  | 774826      | 8004495      | 29       | 27       | 42       | 5051     | 111      | 15       |
| ESS03926  | 774934      | 8004496      | 331      | 25       | 53       | 4173     | 146      | 19       |
| ESS03927  | 775031      | 8004494      | 79       | 26       | 26       | 3544     | 125      | 25       |
| ESS03928  | 775127      | 8004495      | 138      | 26       | 37       | 4312     | 115      | 19       |
| ESS03929  | 775223      | 8004506      | 43       | 27       | 38       | 3344     | 128      | 19       |
| ESS03930  | 775323      | 8004491      | 75       | 31       | 48       | 4298     | 139      | 22       |



| Sample ID | Easting (m) | Northing (m) | Cu (ppm) | Pb (ppm) | Zn (ppm) | Ti (ppm) | Rb (ppm) | Th (ppm) |
|-----------|-------------|--------------|----------|----------|----------|----------|----------|----------|
| ESS03931  | 775429      | 8004490      | 59       | 45       | 63       | 3450     | 101      | 28       |
| ESS03932  | 775532      | 8004493      | 20       | 28       | 36       | 4049     | 124      | 31       |
| ESS03933  | 775630      | 8004490      | 9        | 28       | 30       | 5487     | 107      | 25       |
| ESS03934  | 775736      | 8004497      | 58       | 18       | 26       | 3871     | 123      | 19       |
| ESS03935  | 775829      | 8004499      | 9        | 22       | 18       | 3302     | 92       | 16       |
| ESS03936  | 775934      | 8004494      | 9        | 24       | 34       | 4274     | 115      | 18       |
| ESS03937  | 772941      | 8004499      | 9        | 22       | 33       | 5309     | 108      | 15       |
| ESS03938  | 773037      | 8004499      | 9        | 19       | 48       | 7562     | 119      | 12       |
| ESS03939  | 773126      | 8004495      | 14       | 23       | 42       | 5836     | 104      | 13       |
| ESS03940  | 773225      | 8004501      | 9        | 23       | 36       | 5186     | 111      | 20       |
| ESS03941  | 773330      | 8004501      | 9        | 26       | 35       | 4486     | 128      | 24       |
| ESS03942  | 773431      | 8004499      | 9        | 25       | 31       | 4249     | 100      | 23       |
| ESS03943  | 773534      | 8004495      | 33       | 36       | 48       | 5145     | 111      | 11       |
| ESS03944  | 773637      | 8004491      | 9        | 27       | 35       | 2800     | 124      | 55       |
| ESS03945  | 773733      | 8004495      | 50       | 23       | 17       | 4249     | 120      | 28       |
| ESS03946  | 773836      | 8004487      | 118      | 28       | 24       | 3477     | 136      | 28       |
| ESS03947  | 773933      | 8004497      | 56       | 21       | 23       | 3724     | 114      | 28       |
| ESS03948  | 774025      | 8004496      | 196      | 36       | 41       | 4320     | 175      | 33       |
| ESS03949  | 774128      | 8004497      | 41       | 37       | 34       | 3320     | 136      | 24       |
| ESS03950  | 774234      | 8004502      | 39       | 24       | 22       | 3641     | 110      | 28       |
| ESS03951  | 774332      | 8004497      | 9        | 23       | 12       | 3286     | 124      | 21       |
| ESS03952  | 774431      | 8004497      | 129      | 25       | 29       | 3969     | 115      | 18       |
| ESS03953  | 774535      | 8004506      | 156      | 22       | 27       | 3520     | 118      | 25       |
| ESS03954  | 774435      | 8005260      | 70       | 30       | 30       | 2723     | 140      | 15       |
| ESS03955  | 774325      | 8005248      | 191      | 27       | 23       | 3030     | 108      | 23       |
| ESS03956  | 774229      | 8005236      | 43       | 23       | 14       | 3926     | 125      | 18       |
| ESS03957  | 774129      | 8005240      | 18       | 22       | 16       | 4242     | 111      | 23       |
| ESS03958  | 774034      | 8005242      | 67       | 24       | 18       | 3194     | 121      | 22       |
| ESS03959  | 773933      | 8005238      | 45       | 25       | 21       | 4502     | 145      | 27       |
| ESS03960  | 773830      | 8005242      | 45       | 18       | 37       | 3846     | 106      | 26       |
| ESS03961  | 773737      | 8005252      | 150      | 28       | 37       | 4021     | 116      | 32       |
| ESS03962  | 773630      | 8005244      | 64       | 40       | 43       | 4287     | 135      | 19       |
| ESS03963  | 773530      | 8005242      | 66       | 31       | 30       | 4764     | 119      | 33       |
| ESS03964  | 773434      | 8005255      | 108      | 46       | 42       | 3518     | 113      | 34       |
| ESS03965  | 773334      | 8005247      | 409      | 43       | 46       | 3114     | 124      | 23       |
| ESS03966  | 773230      | 8005246      | 17       | 25       | 29       | 4675     | 103      | 13       |
| ESS03967  | 773135      | 8005241      | 9        | 23       | 33       | 5767     | 135      | 16       |
| ESS03968  | 773027      | 8005242      | 9        | 23       | 31       | 4615     | 120      | 29       |
| ESS03969  | 772933      | 8005247      | 76       | 24       | 22       | 3954     | 111      | 28       |
| ESS03970  | 772835      | 8005254      | 9        | 20       | 36       | 5714     | 104      | 17       |
| ESS03971  | 772744      | 8005254      | 9        | 24       | 36       | 5906     | 84       | 11       |
| ESS03972  | 772723      | 8005502      | 9        | 26       | 36       | 7363     | 101      | 15       |
| ESS03973  | 772833      | 8005501      | 9        | 18       | 37       | 4590     | 103      | 15       |
| ESS03974  | 772930      | 8005500      | 23       | 20       | 28       | 4777     | 111      | 15       |
| ESS03975  | 773032      | 8005501      | 34       | 18       | 33       | 7116     | 93       | 10       |
| ESS03976  | 773132      | 8005496      | 15       | 31       | 43       | 7128     | 105      | 16       |
| ESS03977  | 773224      | 8005493      | 22       | 24       | 36       | 3108     | 112      | 22       |
| ESS03978  | 773335      | 8005506      | 214      | 26       | 43       | 5442     | 133      | 17       |
| ESS03979  | 773430      | 8005499      | 10       | 25       | 27       | 3731     | 114      | 19       |
| ESS03980  | 773527      | 8005494      | 9        | 27       | 43       | 4261     | 111      | 13       |

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| Sample ID | Easting (m) | Northing (m) | Cu (ppm) | Pb (ppm) | Zn (ppm) | Ti (ppm) | Rb (ppm) | Th (ppm) |
|-----------|-------------|--------------|----------|----------|----------|----------|----------|----------|
| ESS03981  | 773624      | 8005490      | 35       | 37       | 55       | 5013     | 110      | 14       |
| ESS03982  | 773731      | 8005494      | 49       | 20       | 27       | 3929     | 98       | 23       |
| ESS03983  | 773834      | 8005500      | 102      | 17       | 20       | 4095     | 115      | 25       |
| ESS03984  | 773928      | 8005496      | 157      | 25       | 30       | 4950     | 124      | 28       |
| ESS03985  | 774035      | 8005496      | 98       | 19       | 20       | 4792     | 112      | 28       |
| ESS03986  | 774128      | 8005493      | 105      | 33       | 31       | 4286     | 138      | 26       |
| ESS03987  | 774237      | 8005489      | 31       | 20       | 26       | 3154     | 106      | 15       |
| ESS03988  | 774340      | 8005495      | 35       | 28       | 24       | 2258     | 132      | 13       |
| ESS03989  | 774436      | 8005509      | 78       | 33       | 43       | 2745     | 115      | 20       |
| ESS03990  | 774532      | 8005494      | 36       | 41       | 38       | 4278     | 133      | 21       |
| ESS03991  | 774628      | 8005492      | 25       | 28       | 50       | 4251     | 112      | 11       |
| ESS03992  | 774734      | 8005495      | 16       | 54       | 80       | 7101     | 108      | 13       |
| ESS03993  | 774824      | 8005501      | 48       | 54       | 109      | 4877     | 95       | 12       |
| ESS03994  | 774934      | 8005506      | 56       | 48       | 112      | 6450     | 120      | 19       |
| ESS03995  | 775034      | 8005493      | 16       | 31       | 42       | 6377     | 106      | 13       |
| ESS03996  | 775132      | 8005485      | 9        | 16       | 45       | 5833     | 105      | 12       |
| ESS03997  | 775237      | 8005494      | 39       | 23       | 79       | 6939     | 106      | 9        |
| ESS03998  | 775338      | 8005498      | 19       | 32       | 85       | 6071     | 99       | 23       |
| ESS03999  | 775440      | 8005492      | 9        | 27       | 40       | 4941     | 68       | 10       |
| ESS04000  | 775525      | 8005493      | 9        | 23       | 70       | 4692     | 79       | 16       |
| ESS04001  | 775637      | 8005497      | 9        | 12       | 24       | 4568     | 95       | 4        |
| ESS04002  | 775732      | 8005243      | 16       | 12       | 59       | 5290     | 81       | 11       |
| ESS04003  | 775633      | 8005249      | 12       | 17       | 63       | 5602     | 91       | 14       |
| ESS04004  | 775535      | 8005241      | 9        | 31       | 79       | 5374     | 64       | 10       |
| ESS04005  | 775428      | 8005240      | 144      | 103      | 506      | 5607     | 118      | 14       |
| ESS04006  | 775328      | 8005246      | 9        | 18       | 54       | 6470     | 96       | 17       |
| ESS04007  | 775227      | 8005248      | 9        | 19       | 41       | 3992     | 97       | 15       |
| ESS04008  | 775122      | 8005239      | 16       | 31       | 60       | 5055     | 110      | 15       |
| ESS04009  | 775026      | 8005239      | 105      | 32       | 56       | 5679     | 121      | 28       |
| ESS04010  | 774929      | 8005243      | 76       | 30       | 26       | 3735     | 119      | 21       |
| ESS04011  | 774825      | 8005252      | 85       | 34       | 32       | 3371     | 106      | 15       |
| ESS04012  | 774732      | 8005241      | 247      | 43       | 56       | 3084     | 127      | 19       |
| ESS04013  | 774629      | 8005249      | 145      | 67       | 76       | 3381     | 151      | 18       |
| ESS04014  | 774532      | 8005241      | 119      | 43       | 38       | 3793     | 144      | 39       |
| ESS04015  | 772635      | 8005754      | 18       | 17       | 32       | 4230     | 85       | 11       |
| ESS04016  | 772731      | 8005741      | 9        | 14       | 29       | 4726     | 70       | 9        |
| ESS04017  | 772834      | 8005753      | 9        | 13       | 41       | 4671     | 86       | 9        |
| ESS04018  | 772933      | 8005746      | 24       | 16       | 36       | 4296     | 95       | 10       |
| ESS04019  | 773032      | 8005738      | 68       | 16       | 24       | 6282     | 84       | 10       |
| ESS04020  | 773130      | 8005744      | 31       | 27       | 34       | 6384     | 86       | 13       |
| ESS04021  | 773234      | 8005745      | 63       | 29       | 47       | 4512     | 113      | 22       |
| ESS04022  | 773334      | 8005745      | 216      | 21       | 45       | 3626     | 97       | 17       |
| ESS04023  | 773432      | 8005739      | 18       | 61       | 87       | 3702     | 115      | 18       |
| ESS04024  | 773534      | 8005746      | 47       | 36       | 28       | 3333     | 100      | 22       |
| ESS04025  | 773633      | 8005741      | 134      | 26       | 18       | 3281     | 121      | 31       |
| ESS04026  | 773731      | 8005748      | 86       | 24       | 23       | 3518     | 122      | 26       |
| ESS04027  | 773827      | 8005743      | 145      | 21       | 20       | 3230     | 130      | 28       |
| ESS04028  | 773936      | 8005748      | 73       | 21       | 26       | 3661     | 108      | 22       |
| ESS04029  | 774031      | 8005745      | 13       | 19       | 39       | 3772     | 100      | 9        |
| ESS04030  | 774128      | 8005751      | 39       | 21       | 48       | 4973     | 108      | 9        |

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| Sample ID | Easting (m) | Northing (m) | Cu (ppm) | Pb (ppm) | Zn (ppm) | Ti (ppm) | Rb (ppm) | Th (ppm) |
|-----------|-------------|--------------|----------|----------|----------|----------|----------|----------|
| ESS04031  | 774225      | 8005743      | 38       | 43       | 66       | 5386     | 110      | 18       |
| ESS04032  | 774324      | 8005747      | 9        | 18       | 39       | 6949     | 102      | 17       |
| ESS04033  | 774433      | 8005741      | 26       | 25       | 69       | 3629     | 83       | 13       |
| ESS04034  | 774522      | 8005742      | 24       | 19       | 50       | 5674     | 98       | 13       |
| ESS04035  | 774637      | 8005737      | 9        | 16       | 43       | 6305     | 99       | 10       |
| ESS04036  | 774731      | 8005732      | 11       | 16       | 39       | 4933     | 106      | 11       |
| ESS04037  | 774839      | 8005739      | 31       | 62       | 59       | 4790     | 118      | 10       |
| ESS04038  | 774935      | 8005739      | 32       | 14       | 27       | 5976     | 92       | 11       |
| ESS04039  | 775034      | 8005747      | 9        | 20       | 35       | 5565     | 91       | 10       |
| ESS04040  | 775143      | 8005750      | 9        | 14       | 45       | 4424     | 93       | 11       |
| ESS04041  | 775228      | 8005742      | 27       | 31       | 98       | 6987     | 101      | 8        |
| ESS04042  | 775324      | 8005737      | 9        | 29       | 47       | 5993     | 91       | 12       |
| ESS04043  | 775428      | 8005750      | 9        | 14       | 19       | 6309     | 76       | 12       |
| ESS04044  | 775533      | 8005746      | 19       | 13       | 34       | 5895     | 100      | 13       |
| ESS04045  | 777029      | 8005997      | 9        | 20       | 39       | 4594     | 92       | 14       |
| ESS04046  | 776934      | 8005993      | 9        | 14       | 62       | 5463     | 79       | 10       |
| ESS04047  | 776835      | 8005999      | 9        | 10       | 33       | 4627     | 64       | 12       |
| ESS04048  | 776725      | 8005992      | 9        | 21       | 26       | 4828     | 110      | 15       |
| ESS04049  | 776637      | 8006000      | 9        | 17       | 26       | 3180     | 98       | 18       |
| ESS04050  | 776532      | 8005990      | 9        | 13       | 11       | 3705     | 95       | 16       |
| ESS04051  | 776435      | 8006000      | 10       | 23       | 53       | 5918     | 106      | 18       |
| ESS04052  | 776329      | 8005995      | 9        | 11       | 27       | 6827     | 81       | 8        |
| ESS04053  | 776232      | 8005996      | 9        | 17       | 25       | 7395     | 75       | 8        |
| ESS04054  | 776131      | 8005997      | 18       | 13       | 35       | 6093     | 72       | 11       |
| ESS04055  | 776036      | 8006000      | 9        | 15       | 32       | 4780     | 80       | 12       |
| ESS04056  | 775930      | 8005995      | 9        | 15       | 28       | 5852     | 86       | 9        |
| ESS04057  | 775840      | 8005990      | 45       | 15       | 33       | 5592     | 93       | 9        |
| ESS04058  | 775733      | 8005995      | 11       | 21       | 41       | 5492     | 82       | 11       |
| ESS04059  | 775632      | 8005995      | 9        | 19       | 20       | 3323     | 74       | 8        |
| ESS04060  | 775528      | 8005999      | 27       | 16       | 30       | 4845     | 99       | 14       |
| ESS04061  | 775431      | 8005997      | 9        | 9        | 26       | 4561     | 89       | 11       |
| ESS04062  | 775333      | 8005997      | 12       | 15       | 37       | 5118     | 90       | 11       |
| ESS04063  | 775227      | 8005995      | 25       | 17       | 40       | 6650     | 90       | 36       |
| ESS04064  | 775131      | 8005989      | 18       | 27       | 62       | 5510     | 93       | 9        |
| ESS04065  | 775030      | 8005995      | 9        | 20       | 35       | 5416     | 101      | 12       |
| ESS04066  | 774932      | 8005999      | 30       | 34       | 88       | 5917     | 129      | 10       |
| ESS04067  | 774832      | 8006003      | 14       | 44       | 60       | 5631     | 88       | 9        |
| ESS04068  | 774733      | 8005991      | 15       | 27       | 45       | 4289     | 110      | 12       |
| ESS04069  | 774635      | 8005994      | 21       | 47       | 52       | 4317     | 91       | 10       |
| ESS04070  | 774537      | 8005995      | 9        | 12       | 29       | 5444     | 78       | 10       |
| ESS04071  | 774439      | 8005989      | 16       | 23       | 45       | 5194     | 109      | 10       |
| ESS04072  | 774334      | 8005993      | 9        | 17       | 50       | 3811     | 89       | 11       |
| ESS04073  | 774247      | 8006002      | 22       | 27       | 36       | 2729     | 109      | 15       |
| ESS04074  | 774137      | 8005998      | 71       | 23       | 42       | 4437     | 95       | 10       |
| ESS04075  | 774023      | 8005998      | 72       | 36       | 83       | 6496     | 125      | 10       |
| ESS04076  | 773928      | 8005994      | 11       | 11       | 43       | 5983     | 98       | 10       |
| ESS04077  | 773827      | 8005997      | 15       | 38       | 67       | 6790     | 117      | 15       |
| ESS04078  | 773723      | 8006001      | 106      | 22       | 46       | 6865     | 89       | 33       |
| ESS04079  | 773633      | 8005998      | 275      | 28       | 39       | 4311     | 125      | 24       |
| ESS04080  | 773527      | 8006000      | 32       | 36       | 65       | 4240     | 106      | 10       |

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| Sample ID | Easting (m) | Northing (m) | Cu (ppm) | Pb (ppm) | Zn (ppm) | Ti (ppm) | Rb (ppm) | Th (ppm) |
|-----------|-------------|--------------|----------|----------|----------|----------|----------|----------|
| ESS04081  | 773429      | 8005994      | 9        | 22       | 51       | 6460     | 94       | 17       |
| ESS04082  | 773333      | 8005996      | 74       | 21       | 30       | 5960     | 105      | 13       |
| ESS04083  | 773229      | 8005994      | 395      | 54       | 46       | 4075     | 123      | 21       |
| ESS04084  | 773131      | 8005995      | 92       | 31       | 58       | 4848     | 114      | 16       |
| ESS04085  | 773025      | 8005993      | 102      | 24       | 43       | 6492     | 119      | 10       |
| ESS04086  | 772934      | 8005998      | 29       | 19       | 35       | 5250     | 95       | 9        |
| ESS04087  | 772838      | 8005990      | 95       | 17       | 38       | 5607     | 91       | 12       |
| ESS04088  | 772723      | 8005991      | 9        | 18       | 42       | 6392     | 116      | 13       |
| ESS04089  | 772626      | 8006000      | 15       | 20       | 64       | 7601     | 129      | 19       |
| ESS04090  | 772527      | 8005990      | 9        | 17       | 47       | 5737     | 99       | 15       |
| ESS04091  | 777025      | 8006243      | 13       | 17       | 63       | 6283     | 77       | 16       |
| ESS04092  | 776932      | 8006243      | 9        | 18       | 42       | 6211     | 81       | 8        |
| ESS04093  | 776829      | 8006248      | 9        | 15       | 32       | 5095     | 59       | 11       |
| ESS04094  | 776732      | 8006252      | 9        | 20       | 33       | 6065     | 119      | 20       |
| ESS04095  | 776634      | 8006250      | 9        | 19       | 28       | 3857     | 98       | 22       |
| ESS04096  | 776538      | 8006275      | 9        | 19       | 19       | 5472     | 120      | 18       |
| ESS04097  | 776419      | 8006239      | 9        | 17       | 18       | 3871     | 90       | 11       |
| ESS04098  | 776324      | 8006249      | 9        | 15       | 32       | 7032     | 84       | 12       |
| ESS04099  | 776231      | 8006235      | 11       | 14       | 31       | 4599     | 82       | 13       |
| ESS04100  | 776135      | 8006246      | 15       | 16       | 26       | 6001     | 101      | 8        |
| ESS04101  | 775628      | 8007007      | 61       | 14       | 30       | 4703     | 96       | 13       |
| ESS04102  | 775530      | 8006987      | 108      | 15       | 35       | 4104     | 108      | 9        |
| ESS04103  | 775434      | 8007008      | 510      | 15       | 45       | 3411     | 89       | 9        |
| ESS04104  | 775331      | 8006995      | 352      | 17       | 51       | 6200     | 144      | 45       |
| ESS04105  | 775241      | 8007001      | 119      | 16       | 48       | 4745     | 101      | 14       |
| ESS04106  | 775133      | 8006996      | 152      | 33       | 52       | 6724     | 88       | 6        |
| ESS04107  | 775042      | 8006991      | 40       | 18       | 32       | 5527     | 78       | 19       |
| ESS04108  | 774932      | 8006996      | 79       | 21       | 51       | 8076     | 86       | 12       |
| ESS04109  | 774827      | 8006994      | 23       | 31       | 51       | 6919     | 92       | 9        |
| ESS04110  | 774743      | 8006990      | 34       | 65       | 146      | 6285     | 108      | 8        |
| ESS04111  | 774631      | 8006988      | 12       | 19       | 62       | 6494     | 89       | 13       |
| ESS04112  | 774342      | 8007491      | 9        | 66       | 69       | 5259     | 93       | 11       |
| ESS04113  | 774450      | 8007496      | 15       | 30       | 86       | 6394     | 63       | 7        |
| ESS04114  | 774538      | 8007487      | 38       | 20       | 64       | 5380     | 57       | 5        |
| ESS04115  | 774653      | 8007499      | 115      | 21       | 72       | 5231     | 68       | 8        |
| ESS04116  | 774731      | 8007494      | 31       | 16       | 41       | 4596     | 66       | 21       |
| ESS04117  | 774829      | 8007499      | 11       | 14       | 58       | 6077     | 111      | 10       |
| ESS04118  | 776833      | 8006993      | 9        | 13       | 15       | 2897     | 99       | 14       |
| ESS04119  | 776746      | 8006992      | 10       | 26       | 27       | 4512     | 97       | 17       |
| ESS04120  | 776631      | 8006990      | 9        | 14       | 43       | 4754     | 86       | 12       |
| ESS04121  | 776534      | 8006994      | 9        | 14       | 25       | 4529     | 78       | 20       |
| ESS04122  | 776441      | 8007004      | 9        | 16       | 45       | 6124     | 79       | 11       |
| ESS04123  | 776332      | 8006997      | 10       | 18       | 29       | 6082     | 74       | 12       |
| ESS04124  | 776237      | 8007006      | 32       | 14       | 74       | 6467     | 102      | 14       |
| ESS04125  | 776137      | 8007001      | 9        | 13       | 36       | 5397     | 71       | 10       |
| ESS04126  | 776039      | 8006999      | 9        | 9        | 37       | 3214     | 68       | 15       |
| ESS04127  | 775935      | 8006998      | 9        | 20       | 36       | 6372     | 86       | 12       |
| ESS04128  | 772134      | 8007738      | 9        | 17       | 54       | 5994     | 76       | 12       |
| ESS04129  | 772227      | 8007744      | 35       | 37       | 88       | 6309     | 91       | 10       |
| ESS04130  | 772340      | 8007750      | 14       | 13       | 23       | 4101     | 78       | 9        |



| Sample ID | Easting (m) | Northing (m) | Cu (ppm) | Pb (ppm) | Zn (ppm) | Ti (ppm) | Rb (ppm) | Th (ppm) |
|-----------|-------------|--------------|----------|----------|----------|----------|----------|----------|
| ESS04131  | 772428      | 8007744      | 39       | 20       | 78       | 6390     | 99       | 19       |
| ESS04132  | 772535      | 8007741      | 9        | 14       | 44       | 5460     | 82       | 10       |
| ESS04133  | 772631      | 8007726      | 27       | 19       | 37       | 6058     | 80       | 12       |
| ESS04134  | 772732      | 8007755      | 18       | 20       | 49       | 6331     | 77       | 12       |
| ESS04135  | 772837      | 8007757      | 39       | 19       | 56       | 5038     | 72       | 19       |
| ESS04136  | 772936      | 8007740      | 86       | 24       | 32       | 5840     | 90       | 23       |
| ESS04137  | 773038      | 8007739      | 402      | 37       | 51       | 3490     | 120      | 30       |
| ESS04138  | 773131      | 8007752      | 192      | 25       | 44       | 4411     | 101      | 16       |
| ESS04139  | 773230      | 8007746      | 13       | 29       | 38       | 3674     | 91       | 25       |
| ESS04140  | 773332      | 8007739      | 13       | 28       | 52       | 5406     | 109      | 18       |
| ESS04141  | 773434      | 8007743      | 9        | 18       | 48       | 5019     | 84       | 15       |
| ESS04142  | 775508      | 8009004      | 40       | 16       | 19       | 3510     | 92       | 15       |
| ESS04143  | 775614      | 8008994      | 29       | 41       | 82       | 5482     | 95       | 15       |
| ESS04144  | 775708      | 8009000      | 9        | 24       | 45       | 4316     | 65       | 11       |
| ESS04145  | 775801      | 8009013      | 17       | 20       | 40       | 5797     | 90       | 16       |
| ESS04146  | 775905      | 8009005      | 9        | 22       | 20       | 4034     | 89       | 21       |
| ESS04147  | 776118      | 8009011      | 45       | 22       | 57       | 7712     | 83       | 11       |
| ESS04148  | 776114      | 8009228      | 13       | 14       | 32       | 4757     | 68       | 13       |
| ESS04149  | 775998      | 8009243      | 18       | 15       | 69       | 6987     | 71       | 10       |
| ESS04150  | 775884      | 8009255      | 9        | 18       | 53       | 4620     | 85       | 12       |
| ESS04151  | 775796      | 8009234      | 9        | 19       | 50       | 4928     | 80       | 11       |
| ESS04152  | 775697      | 8009251      | 9        | 31       | 49       | 4553     | 91       | 10       |
| ESS04153  | 775609      | 8009265      | 9        | 123      | 124      | 9030     | 83       | 12       |
| ESS04154  | 775513      | 8009258      | 33       | 62       | 81       | 5191     | 96       | 12       |
| ESS04155  | 774703      | 8000198      | 9        | 15       | 28       | 5427     | 98       | 10       |
| ESS04156  | 774596      | 8000211      | 9        | 20       | 36       | 6338     | 128      | 19       |
| ESS04157  | 774508      | 8000205      | 34       | 16       | 33       | 4947     | 120      | 13       |
| ESS04158  | 774403      | 8000212      | 9        | 14       | 33       | 5777     | 76       | 10       |
| ESS04159  | 774301      | 8000212      | 9        | 20       | 43       | 7915     | 96       | 9        |
| ESS04160  | 776003      | 8009003      | 9        | 17       | 36       | 7552     | 77       | 13       |
| ESS04161  | 774195      | 8000240      | 25       | 42       | 68       | 7179     | 117      | 20       |
| ESS04162  | 774094      | 8000207      | 52       | 32       | 32       | 3571     | 152      | 36       |
| ESS04163  | 774007      | 8000211      | 9        | 34       | 36       | 2646     | 129      | 21       |
| ESS04164  | 773891      | 8000197      | 34       | 36       | 33       | 3169     | 119      | 34       |
| ESS04165  | 773799      | 8000206      | 9        | 54       | 23       | 3610     | 143      | 14       |
| ESS04166  | 773682      | 8000206      | 9        | 31       | 48       | 4557     | 194      | 16       |
| ESS04167  | 773595      | 8000211      | 111      | 32       | 45       | 4652     | 139      | 15       |
| ESS04168  | 773615      | 8000475      | 83       | 71       | 75       | 6907     | 123      | 4        |
| ESS04169  | 773716      | 8000489      | 9        | 22       | 25       | 3170     | 122      | 13       |
| ESS04170  | 773814      | 8000470      | 10       | 31       | 26       | 2295     | 184      | 8        |
| ESS04171  | 773907      | 8000478      | 27       | 25       | 33       | 2730     | 151      | 17       |
| ESS04201  | 776036      | 8006245      | 10       | 13       | 28       | 4927     | 83       | 6        |
| ESS04202  | 775931      | 8006247      | 9        | 11       | 21       | 4507     | 72       | 8        |
| ESS04203  | 775834      | 8006248      | 102      | 11       | 20       | 4502     | 97       | 9        |
| ESS04204  | 775730      | 8006242      | 21       | 14       | 32       | 5268     | 92       | 11       |
| ESS04205  | 775622      | 8006230      | 17       | 17       | 28       | 6588     | 107      | 12       |
| ESS04206  | 775538      | 8006249      | 16       | 14       | 31       | 4387     | 82       | 11       |
| ESS04207  | 775442      | 8006248      | 9        | 13       | 24       | 3268     | 85       | 6        |
| ESS04208  | 775326      | 8006256      | 35       | 18       | 32       | 5144     | 87       | 13       |
| ESS04209  | 775232      | 8006247      | 37       | 15       | 35       | 7401     | 102      | 24       |



| Sample ID | Easting (m) | Northing (m) | Cu (ppm) | Pb (ppm) | Zn (ppm) | Ti (ppm) | Rb (ppm) | Th (ppm) |
|-----------|-------------|--------------|----------|----------|----------|----------|----------|----------|
| ESS04210  | 775127      | 8006238      | 43       | 50       | 92       | 4243     | 105      | 12       |
| ESS04211  | 775034      | 8006234      | 18       | 13       | 33       | 6451     | 98       | 13       |
| ESS04212  | 774925      | 8006239      | 39       | 16       | 49       | 5593     | 100      | 15       |
| ESS04213  | 774829      | 8006252      | 12       | 21       | 52       | 6556     | 109      | 11       |
| ESS04214  | 774731      | 8006245      | 43       | 31       | 47       | 6510     | 95       | 12       |
| ESS04215  | 774635      | 8006248      | 13       | 21       | 31       | 4186     | 79       | 10       |
| ESS04216  | 774534      | 8006247      | 12       | 21       | 44       | 3741     | 90       | 19       |
| ESS04217  | 774413      | 8006221      | 75       | 35       | 54       | 4329     | 109      | 13       |
| ESS04218  | 774326      | 8006246      | 47       | 31       | 48       | 5122     | 109      | 9        |
| ESS04219  | 774234      | 8006257      | 57       | 107      | 129      | 4769     | 132      | 7        |
| ESS04220  | 774133      | 8006254      | 96       | 24       | 41       | 5492     | 105      | 10       |
| ESS04221  | 774033      | 8006252      | 14       | 18       | 40       | 5753     | 125      | 15       |
| ESS04222  | 773929      | 8006253      | 13       | 16       | 45       | 4944     | 105      | 15       |
| ESS04223  | 773823      | 8006250      | 16       | 23       | 58       | 5757     | 95       | 12       |
| ESS04224  | 773736      | 8006245      | 9        | 13       | 48       | 4904     | 72       | 11       |
| ESS04225  | 773631      | 8006247      | 9        | 23       | 69       | 5225     | 99       | 10       |
| ESS04226  | 773526      | 8006245      | 75       | 24       | 66       | 5460     | 105      | 28       |
| ESS04227  | 773415      | 8006245      | 9        | 19       | 43       | 4835     | 106      | 11       |
| ESS04228  | 773330      | 8006252      | 20       | 24       | 38       | 6623     | 92       | 13       |
| ESS04229  | 773231      | 8006251      | 83       | 17       | 25       | 8778     | 96       | 14       |
| ESS04230  | 773135      | 8006244      | 220      | 24       | 29       | 4328     | 122      | 25       |
| ESS04231  | 773021      | 8006273      | 66       | 23       | 27       | 4711     | 99       | 13       |
| ESS04232  | 772922      | 8006249      | 48       | 64       | 50       | 4989     | 109      | 11       |
| ESS04233  | 772832      | 8006243      | 48       | 22       | 43       | 6347     | 104      | 11       |
| ESS04234  | 772730      | 8006252      | 9        | 22       | 43       | 6690     | 98       | 20       |
| ESS04235  | 772623      | 8006249      | 9        | 21       | 40       | 6757     | 97       | 16       |
| ESS04236  | 772533      | 8006241      | 9        | 12       | 41       | 4568     | 73       | 9        |
| ESS04237  | 776939      | 8006490      | 9        | 15       | 45       | 6804     | 76       | 12       |
| ESS04238  | 776829      | 8006491      | 9        | 21       | 33       | 4426     | 92       | 19       |
| ESS04239  | 776728      | 8006494      | 43       | 15       | 36       | 5207     | 109      | 17       |
| ESS04240  | 776633      | 8006497      | 9        | 21       | 40       | 5385     | 118      | 15       |
| ESS04241  | 776539      | 8006495      | 9        | 16       | 27       | 5892     | 98       | 14       |
| ESS04242  | 776427      | 8006495      | 9        | 15       | 32       | 5410     | 72       | 7        |
| ESS04243  | 776325      | 8006501      | 9        | 13       | 30       | 4847     | 75       | 10       |
| ESS04244  | 776229      | 8006498      | 9        | 12       | 50       | 6430     | 73       | 9        |
| ESS04245  | 776130      | 8006501      | 9        | 14       | 41       | 5624     | 87       | 13       |
| ESS04246  | 776035      | 8006496      | 9        | 20       | 47       | 6144     | 105      | 12       |
| ESS04247  | 775922      | 8006499      | 74       | 15       | 55       | 6178     | 95       | 22       |
| ESS04248  | 775832      | 8006499      | 9        | 13       | 36       | 5739     | 73       | 10       |
| ESS04249  | 775727      | 8006485      | 58       | 15       | 44       | 7527     | 112      | 12       |
| ESS04250  | 775634      | 8006496      | 36       | 15       | 34       | 6712     | 102      | 10       |
| ESS04251  | 775531      | 8006495      | 74       | 18       | 47       | 5241     | 118      | 14       |
| ESS04252  | 775427      | 8006488      | 89       | 15       | 65       | 6682     | 107      | 12       |
| ESS04253  | 775332      | 8006499      | 155      | 391      | 688      | 5057     | 108      | 13       |
| ESS04254  | 775239      | 8006498      | 155      | 44       | 88       | 5646     | 88       | 9        |
| ESS04255  | 775137      | 8006498      | 54       | 22       | 32       | 5178     | 102      | 6        |
| ESS04256  | 775031      | 8006502      | 9        | 11       | 46       | 5066     | 83       | 9        |
| ESS04257  | 774928      | 8006494      | 20       | 54       | 60       | 5554     | 82       | 10       |
| ESS04258  | 774817      | 8006508      | 22       | 14       | 46       | 4129     | 88       | 16       |
| ESS04259  | 774733      | 8006499      | 32       | 15       | 29       | 5311     | 75       | 8        |





| Sample ID | Easting (m) | Northing (m) | Cu (ppm) | Pb (ppm) | Zn (ppm) | Ti (ppm) | Rb (ppm) | Th (ppm) |
|-----------|-------------|--------------|----------|----------|----------|----------|----------|----------|
| ESS04260  | 774634      | 8006507      | 9        | 14       | 27       | 5665     | 72       | 10       |
| ESS04261  | 774535      | 8006493      | 13       | 109      | 145      | 4015     | 112      | 9        |
| ESS04262  | 774440      | 8006479      | 78       | 34       | 44       | 6689     | 91       | 14       |
| ESS04263  | 774330      | 8006497      | 52       | 15       | 56       | 5780     | 93       | 11       |
| ESS04264  | 774246      | 8006505      | 26       | 15       | 26       | 3916     | 80       | 8        |
| ESS04265  | 774127      | 8006495      | 16       | 27       | 40       | 4005     | 88       | 9        |
| ESS04266  | 774035      | 8006500      | 9        | 17       | 33       | 6782     | 88       | 12       |
| ESS04267  | 773939      | 8006500      | 9        | 25       | 62       | 4142     | 80       | 12       |
| ESS04268  | 773833      | 8006492      | 11       | 36       | 85       | 6090     | 113      | 13       |
| ESS04269  | 773731      | 8006491      | 46       | 109      | 141      | 6721     | 103      | 16       |
| ESS04270  | 773636      | 8006502      | 10       | 36       | 65       | 3445     | 88       | 16       |
| ESS04271  | 773535      | 8006487      | 27       | 31       | 52       | 4534     | 108      | 16       |
| ESS04272  | 773435      | 8006494      | 44       | 61       | 103      | 4832     | 108      | 12       |
| ESS04273  | 773342      | 8006494      | 19       | 26       | 29       | 4716     | 110      | 22       |
| ESS04274  | 773226      | 8006497      | 30       | 15       | 47       | 5940     | 82       | 13       |
| ESS04275  | 773131      | 8006498      | 64       | 16       | 25       | 4639     | 101      | 13       |
| ESS04276  | 773025      | 8006499      | 104      | 21       | 25       | 3838     | 116      | 18       |
| ESS04277  | 772927      | 8006497      | 56       | 27       | 27       | 5578     | 89       | 20       |
| ESS04278  | 772841      | 8006493      | 193      | 24       | 28       | 4513     | 98       | 21       |
| ESS04279  | 772714      | 8006503      | 40       | 30       | 77       | 5950     | 112      | 20       |
| ESS04280  | 772628      | 8006498      | 18       | 19       | 66       | 6969     | 84       | 12       |
| ESS04281  | 772533      | 8006492      | 17       | 23       | 47       | 5989     | 76       | 12       |
| ESS04282  | 772434      | 8006491      | 9        | 22       | 59       | 7360     | 88       | 12       |
| ESS04283  | 776833      | 8006739      | 9        | 18       | 31       | 4338     | 96       | 15       |
| ESS04284  | 776732      | 8006745      | 9        | 21       | 26       | 4596     | 107      | 23       |
| ESS04285  | 776628      | 8006746      | 9        | 19       | 36       | 6093     | 96       | 19       |
| ESS04286  | 776528      | 8006755      | 9        | 15       | 57       | 6702     | 68       | 9        |
| ESS04287  | 776428      | 8006748      | 21       | 22       | 93       | 6812     | 83       | 12       |
| ESS04288  | 776319      | 8006751      | 9        | 13       | 55       | 5895     | 68       | 8        |
| ESS04289  | 776227      | 8006750      | 9        | 15       | 55       | 6885     | 84       | 11       |
| ESS04290  | 776131      | 8006754      | 36       | 14       | 32       | 6122     | 95       | 11       |
| ESS04291  | 776031      | 8006749      | 11       | 16       | 36       | 4863     | 86       | 8        |
| ESS04292  | 775937      | 8006740      | 24       | 18       | 29       | 4991     | 91       | 9        |
| ESS04293  | 775828      | 8006749      | 9        | 10       | 32       | 5022     | 80       | 11       |
| ESS04294  | 775737      | 8006745      | 17       | 14       | 20       | 5501     | 60       | 11       |
| ESS04295  | 775627      | 8006753      | 53       | 13       | 29       | 4669     | 95       | 23       |
| ESS04296  | 775538      | 8006753      | 35       | 9        | 47       | 5250     | 93       | 6        |
| ESS04297  | 775435      | 8006741      | 130      | 12       | 26       | 5056     | 88       | 8        |
| ESS04298  | 775329      | 8006742      | 9        | 11       | 34       | 5124     | 86       | 8        |
| ESS04299  | 775231      | 8006750      | 202      | 38       | 43       | 4918     | 99       | 8        |
| ESS04300  | 775132      | 8006743      | 38       | 15       | 34       | 4959     | 77       | 10       |
| ESS04301  | 775028      | 8006743      | 45       | 18       | 50       | 6376     | 98       | 13       |
| ESS04302  | 774932      | 8006751      | 9        | 14       | 21       | 3850     | 73       | 11       |
| ESS04303  | 774826      | 8006755      | 9        | 17       | 32       | 3639     | 71       | 12       |
| ESS04304  | 774735      | 8006743      | 55       | 20       | 38       | 5714     | 84       | 10       |
| ESS04305  | 774631      | 8006740      | 29       | 20       | 46       | 5402     | 99       | 12       |
| ESS04306  | 774536      | 8006749      | 47       | 29       | 92       | 6216     | 89       | 20       |
| ESS04307  | 774426      | 8006747      | 50       | 31       | 43       | 4344     | 79       | 7        |
| ESS04308  | 774325      | 8006743      | 80       | 22       | 62       | 4162     | 90       | 17       |
| ESS04309  | 774231      | 8006743      | 14       | 26       | 43       | 4691     | 108      | 10       |



| Sample ID | Easting (m) | Northing (m) | Cu (ppm) | Pb (ppm) | Zn (ppm) | Ti (ppm) | Rb (ppm) | Th (ppm) |
|-----------|-------------|--------------|----------|----------|----------|----------|----------|----------|
| ESS04310  | 774127      | 8006744      | 9        | 19       | 27       | 5013     | 87       | 16       |
| ESS04311  | 774027      | 8006736      | 9        | 14       | 51       | 5400     | 50       | 10       |
| ESS04312  | 773934      | 8006761      | 9        | 32       | 125      | 5303     | 65       | 10       |
| ESS04313  | 773832      | 8006747      | 9        | 32       | 71       | 6162     | 101      | 11       |
| ESS04314  | 773731      | 8006742      | 9        | 20       | 36       | 5206     | 90       | 16       |
| ESS04315  | 773634      | 8006744      | 12       | 153      | 198      | 6396     | 115      | 16       |
| ESS04316  | 773540      | 8006733      | 64       | 106      | 191      | 5321     | 104      | 20       |
| ESS04317  | 773425      | 8006745      | 48       | 27       | 46       | 5030     | 118      | 17       |
| ESS04318  | 773335      | 8006743      | 43       | 20       | 51       | 5016     | 93       | 7        |
| ESS04319  | 773233      | 8006742      | 78       | 17       | 34       | 4528     | 107      | 12       |
| ESS04320  | 773135      | 8006749      | 149      | 16       | 31       | 6137     | 114      | 13       |
| ESS04321  | 773027      | 8006752      | 172      | 16       | 19       | 4235     | 97       | 13       |
| ESS04322  | 772932      | 8006751      | 91       | 26       | 42       | 3970     | 98       | 15       |
| ESS04323  | 772828      | 8006752      | 539      | 167      | 119      | 3245     | 141      | 16       |
| ESS04324  | 772736      | 8006741      | 107      | 23       | 33       | 3704     | 102      | 16       |
| ESS04325  | 772647      | 8006761      | 28       | 28       | 58       | 5010     | 114      | 21       |
| ESS04326  | 772528      | 8006746      | 15       | 26       | 60       | 4806     | 97       | 17       |
| ESS04327  | 772426      | 8006741      | 9        | 27       | 29       | 3742     | 106      | 25       |
| ESS04328  | 772332      | 8006744      | 97       | 19       | 14       | 3987     | 115      | 20       |
| ESS04329  | 775502      | 8008253      | 68       | 18       | 63       | 8167     | 77       | 9        |
| ESS04330  | 775601      | 8008255      | 31       | 17       | 55       | 4476     | 74       | 8        |
| ESS04331  | 775704      | 8008243      | 25       | 14       | 44       | 5595     | 85       | 6        |
| ESS04332  | 775803      | 8008247      | 9        | 15       | 34       | 6693     | 89       | 10       |
| ESS04333  | 775899      | 8008252      | 12       | 15       | 42       | 7142     | 76       | 10       |
| ESS04334  | 776010      | 8008249      | 28       | 14       | 62       | 5985     | 99       | 16       |
| ESS04335  | 776102      | 8008248      | 28       | 43       | 69       | 5365     | 101      | 18       |
| ESS04336  | 776100      | 8008498      | 13       | 26       | 41       | 5674     | 83       | 11       |
| ESS04337  | 775992      | 8008501      | 10       | 16       | 25       | 4117     | 98       | 6        |
| ESS04338  | 775906      | 8008505      | 9        | 17       | 35       | 6705     | 86       | 10       |
| ESS04339  | 775791      | 8008507      | 9        | 11       | 36       | 5624     | 69       | 10       |
| ESS04340  | 775706      | 8008499      | 9        | 14       | 38       | 5631     | 81       | 13       |
| ESS04341  | 775600      | 8008514      | 10       | 10       | 10       | 4756     | 54       | 5        |
| ESS04342  | 775499      | 8008509      | 47       | 24       | 61       | 4643     | 88       | 10       |
| ESS04343  | 776097      | 8008753      | 9        | 31       | 35       | 6492     | 99       | 14       |
| ESS04344  | 776000      | 8008728      | 12       | 14       | 24       | 3572     | 78       | 6        |
| ESS04345  | 775902      | 8008761      | 80       | 25       | 69       | 7030     | 103      | 16       |
| ESS04346  | 775770      | 8008753      | 31       | 25       | 48       | 5960     | 77       | 7        |
| ESS04347  | 775703      | 8008755      | 32       | 16       | 40       | 7052     | 69       | 9        |
| ESS04348  | 775602      | 8008752      | 58       | 21       | 45       | 6921     | 76       | 8        |
| ESS04349  | 775507      | 8008747      | 18       | 21       | 38       | 4678     | 75       | 11       |
| ESS04352  | 776737      | 8002487      | 178      | 96       | 78       | 6747     | 85       | 7        |
| ESS04353  | 776639      | 8002487      | 9        | 53       | 86       | 4627     | 70       | 7        |
| ESS04354  | 776533      | 8002499      | 9        | 21       | 43       | 4516     | 78       | 12       |
| ESS04355  | 776538      | 8002738      | 23       | 25       | 78       | 7050     | 87       | 11       |
| ESS04356  | 776838      | 8002495      | 9        | 23       | 81       | 5928     | 78       | 7        |
| ESS04357  | 776634      | 8002726      | 9        | 20       | 44       | 4618     | 77       | 12       |
| ESS04358  | 776739      | 8002741      | 111      | 56       | 81       | 5298     | 87       | 15       |
| ESS04359  | 776841      | 8002733      | 112      | 37       | 73       | 5771     | 91       | 12       |
| ESS04360  | 776822      | 8002999      | 9        | 18       | 50       | 4669     | 77       | 11       |
| ESS04361  | 776720      | 8003003      | 15       | 16       | 60       | 6329     | 75       | 8        |

| Sample ID | Easting (m) | Northing (m) | Cu (ppm) | Pb (ppm) | Zn (ppm) | Ti (ppm) | Rb (ppm) | Th (ppm) |
|-----------|-------------|--------------|----------|----------|----------|----------|----------|----------|
| ESS04362  | 776617      | 8002998      | 9        | 16       | 79       | 6699     | 80       | 25       |
| ESS04363  | 776522      | 8002997      | 9        | 10       | 56       | 4027     | 61       | 8        |
| ESS04364  | 776421      | 8002992      | 123      | 33       | 79       | 6523     | 112      | 8        |
| ESS04365  | 776320      | 8003239      | 23       | 36       | 37       | 3231     | 91       | 10       |
| ESS04366  | 776428      | 8003242      | 216      | 26       | 53       | 7777     | 100      | 13       |
| ESS04367  | 776528      | 8003240      | 9        | 20       | 43       | 5095     | 74       | 7        |
| ESS04368  | 776628      | 8003244      | 9        | 14       | 37       | 5647     | 78       | 10       |
| ESS04369  | 776729      | 8003242      | 9        | 18       | 69       | 5060     | 90       | 15       |
| ESS04370  | 776828      | 8003242      | 12       | 17       | 39       | 6535     | 83       | 20       |

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## APPENDIX 5: 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   |
|------------------------------|--|--|
| <b>Sampling techniques</b>   | <ul style="list-style-type: none"> <li>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.</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 (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.</li> </ul> | <ul style="list-style-type: none"> <li>No drill assays are presented in this update.</li> <li>Termite Mound (soil samples) were collected along nominal 250m x 100m spacings and collected in the field along a GPS-controlled grid pattern. Two 300g samples (Samples A + B) were collected in the field with Sample A dispatched LabWest Laboratories in Perth for geochemical analysis and Sample B kept for additional tests in Emu's Perth warehouse.</li> <li>Traditional soil samples were collected in areas where no Termite Mounds present (only two samples in total).</li> <li>Samples have been dispatched to both LabWest and Nagrom laboratories in Perth. Results are awaited at the time of this report.</li> <li>Rock samples were collected for both lithological identification and geochemical analysis.</li> <li>All sample mediums submitted for laboratory assay underwent standard laboratory preparation methods (dry, crush, split, pulverise to 95% passing 75µm).</li> <li>Field samples were located using hand-held GPS.</li> <li>Sampling was carried out under Emu NL protocols and QAQC procedures as per current industry practice.</li> <li>Sample selection and quality was supervised by experienced field geologists and field technicians under geologist supervision.</li> <li>Multi-element assays are routinely conducted by LabWest Laboratories in Malaga, Perth. All samples currently undergoing analysis will be assayed using Microwave digest (MD), Inductively Coupled Plasma Mass Spectrometry (ICP-MS) and Inductively Coupled Plasma Optical Emission Spectrometry (ICP-OES) finish. All Yataga Project samples will receive a modified LabWest method MMA-04, 33 element suite of multi-acid digest/ ICP MS &amp; OES finish + indicative gold analysis.</li> <li>Gold targets (not reported in this News Release) within the greater Georgetown Project are routinely assayed for gold by Nagrom Laboratories in Kelmscott, Perth using their 50g fire assay method FA50.</li> </ul> |
| <b>Drilling techniques</b>   | <ul style="list-style-type: none"> <li>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).</li> </ul>  | <ul style="list-style-type: none"> <li>No drilling was done.</li> </ul>  |
| <b>Drill sample recovery</b> | <ul style="list-style-type: none"> <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. Whether a relationship exists between sample recovery &amp; grade and whether sample bias may have occurred due to preferential loss/gain of fine/coarse material.</li> </ul>  | <ul style="list-style-type: none"> <li>No drilling was done.</li> </ul>  |
| <b>Logging</b>               | <ul style="list-style-type: none"> <li>Whether core and chip samples have been geologically and geotechnically logged to a</li> </ul>  | <ul style="list-style-type: none"> <li>All Rock samples were logged geologically by Company geologists, using EMU logging codes.</li> </ul>  |

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| Criteria  | JORC Code explanation  | Commentary  |
|---|--|---|
|   | <p>level of detail to support appropriate Mineral Resource estimation, mining studies and metallurgical studies.</p> <ul style="list-style-type: none"> <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>   | <ul style="list-style-type: none"> <li>Logging is both qualitative and quantitative in nature, and includes lithology, mineralogy, mineralisation, weathering, &amp; colour.</li> <li>Termite Mound samples were logged using soil sampling protocols and descriptions.</li> <li>Photographs taken for each sample and stored in a database.</li> <li>In relation to the disclosure of visual mineralisation, the Company cautions that visual estimates of mineral abundance should never be considered a proxy or substitute for laboratory analysis. Laboratory assay results are required to determine the widths and grade of the visible mineralisation (if reported) in preliminary geological logging.</li> </ul>   |
| <b>Sub-sampling techniques and sample preparation</b> | <ul style="list-style-type: none"> <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> | <ul style="list-style-type: none"> <li>Current sampling at Yataga includes comprehensive and industry standard QAQC inclusive of blanks and OREAS Certified Reference Material (CRM) “standards” for copper and gold.</li> <li>pXRF analysis of soil termite samples are deemed fit for purpose as a preliminary exploration screening technique. pXRF provides a spot reading on sieved samples and states of homogenisation. High grade results were repeated to confirm repeatability and low error levels. The competent person considers this acceptable within the context of reporting preliminary exploration results. Four beams were read at 15 sec each, total read time of 60 sec, using a portable Niton XL5 XRF device.</li> </ul>  |
| <b>Quality of assay data and laboratory tests</b>     | <ul style="list-style-type: none"> <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 (eg standards, blanks, duplicates, external laboratory checks) and whether acceptable levels of accuracy (ie lack of bias) and precision have been established.</li> </ul>   | <ul style="list-style-type: none"> <li>pXRF screening of soil and termite sample points by preliminary analysis was obtained with a Niton XL5 portable XRF. pXRF data was calibrated against appropriate certified reference material and laboratory “wet chemistry” analysis.</li> <li>pXRF duplicate samples have high correlations, with most pathfinder metals having correlations over 0.93.           <ul style="list-style-type: none"> <li>NOTE 1: pXRF (portable x-ray fluorescence) assay results are considered semi-quantitative only.</li> <li>NOTE 2: pXRF – The following elements were analysed with pXRF analyser: Ba, Ca, Cu, Fe, K, Nb, Ni, Pb, Rb, S, Sr, Th, Ti, V, Y, Zn, Zr.</li> </ul> </li> <li>Elements detected by pXRF at ppm levels include: Ag, As, Au, Ba, Bi, Ca, Cd, Ce, Co, Cr, Cs, Cu, Fe, Ga, Hf, K, La, Mn, Mo, Nb, Nd, Ni, Pb, P, Pd, Pr, Rb, Re, S, Sb, Sc, Se, Ta, Th, Ti, U, V, W, Y, Zn, Zr.</li> </ul> |
| <b>Verification of sampling and assaying</b>          | <ul style="list-style-type: none"> <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 style="list-style-type: none"> <li>Analytical QC is monitored by the laboratory using standards, blanks and repeat assays.</li> <li>Independent standards were submitted by the Company at a rate of 1:25 samples.</li> </ul>   |
| <b>Location of data points</b>                        | <ul style="list-style-type: none"> <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> </ul>  | <ul style="list-style-type: none"> <li>Sample locations were captured using a handheld Garmin brand Rino750 GPS with an accuracy of +/- 5m</li> <li>Map coordinates: all recorded in UTM MGA94, Zone 54 GDA</li> </ul>  |

| Criteria   | JORC Code explanation  | Commentary  |
|--|--|---|
|  | <ul style="list-style-type: none"> <li>• Specification of the grid system used.</li> <li>• Quality and adequacy of topographic control.</li> </ul>   |   |
| <b>Data spacing and distribution</b>                           | <ul style="list-style-type: none"> <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 style="list-style-type: none"> <li>• Sample spacing is suitable for reporting of exploration results.</li> <li>• Sample spacing is not suitable for Mineral Resource estimation.</li> <li>• Soil surveys were undertaken on a nominal 100m x 250m grid extending over a 9.0 km x 3.0km nominal grid area.</li> </ul>                                |
| <b>Orientation of data in relation to geological structure</b> | <ul style="list-style-type: none"> <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> | <ul style="list-style-type: none"> <li>• Soil sampling was undertaken along East-West lines for ease of planning and collection. They are (approximately) orthogonal to the targeted lithological units and/or structures being targeted.</li> <li>• Sampling is regarded to be unbiased with respect to the orientation of the lithologies.</li> </ul> |
| <b>Sample security</b>   | <ul style="list-style-type: none"> <li>• The measures taken to ensure sample security.</li> </ul>  | <ul style="list-style-type: none"> <li>• Samples are given individual samples numbers for tracking. The sample chain of custody is overseen by the Company's Exploration Manager. Samples were transported in secure sealed bags to the laboratory.</li> <li>• Sample security and integrity is in place to industry standards.</li> </ul>              |
| <b>Audits or reviews</b>                                       | <ul style="list-style-type: none"> <li>• The results of any audits or reviews of sampling techniques and data.</li> </ul>  | <ul style="list-style-type: none"> <li>• The sampling techniques and analytical data are monitored by the Company's geologists and IT consultants.</li> <li>• External audits of the pXRF data have been completed.</li> </ul>  |

## Section 2 - Reporting of Exploration Reports

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

| Criteria                                       | JORC Code explanation  | Commentary   |
|--|--|--|
| <b>Mineral tenement and land tenure status</b> | <ul style="list-style-type: none"> <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 style="list-style-type: none"> <li>• The tenure hosting the Georgetown Project in this news release is owned 100% by Rugby Resources Ltd. EMU NL has the right to earn up to 80% interest in three EPM's under a Heads of Agreement and JVA with Rugby Resources Ltd.</li> <li>• The three EPM's are:<br/>27642 Perpendicular Peak<br/>27664 Georgetown<br/>27667 Fiery Creek</li> <li>• All works undertaken and reported in this ASX announcement were completed within these tenements.</li> <li>• The project tenements are all in good standing.</li> </ul> |
| <b>Exploration done by other parties</b>       | <ul style="list-style-type: none"> <li>• Acknowledgment and appraisal of exploration by other parties.</li> </ul>  | <ul style="list-style-type: none"> <li>• Historical prospecting, sampling and drilling activities have been undertaken in different areas within the project tenements intermittently by multiple third parties over a period of at least 50 years.</li> <li>• Historic RC drilling at Camp Oven Creek and Turtle Creek was undertaken by Georgetown Mining Pty Ltd. Historic RC drilling at Munitions Creek was undertaken by</li> </ul>  |

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| Criteria   | JORC Code explanation   | Commentary  |
|--|---|---|
|  |   | Diatreme Resources Ltd.   |
| Geology  | <ul style="list-style-type: none"> <li>• Deposit type, geological setting and style of mineralisation.</li> </ul>   | <ul style="list-style-type: none"> <li>• Intrusive related vein system Au mineralisation and Cu-Mo Porphyry-style mineralisation.</li> </ul>  |
| Drill hole Information   | <ul style="list-style-type: none"> <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 style="list-style-type: none"> <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 style="list-style-type: none"> <li>• No drilling done.</li> </ul>   |
| Data aggregation methods   | <ul style="list-style-type: none"> <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 style="list-style-type: none"> <li>• No weighting techniques or grade truncation has been applied to results.</li> <li>• Results rounded to nearest ppm.</li> </ul>   |
| Relationship between mineralisation widths and intercept lengths | <ul style="list-style-type: none"> <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 style="list-style-type: none"> <li>• No drilling done.</li> </ul>   |
| Diagrams   | <ul style="list-style-type: none"> <li>• 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.</li> </ul>  | <ul style="list-style-type: none"> <li>• Refer to figures in this announcement with sections and map plans created using QGIS software.</li> <li>• Refer to maps and figures in body of the announcement.</li> <li>• Geological interpretations are based on current knowledge and will change with further exploration.</li> </ul> |
| Balanced reporting   | <ul style="list-style-type: none"> <li>• 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.</li> </ul>   | <ul style="list-style-type: none"> <li>• No inference to economic mineralisation has been stated.</li> <li>• Key findings and location information has been reported in body of text.</li> <li>• Reporting is considered balanced.</li> </ul>   |

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| Criteria                           | JORC Code explanation   | Commentary  |
|------------------------------------|---|---|
| Other substantive exploration data | <ul style="list-style-type: none"> <li>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.</li> </ul> | <ul style="list-style-type: none"> <li>All of the relevant data has been included in this report.</li> <li>Geological interpretations have been taken from published maps, geophysical interpretation, historical and ongoing exploration.</li> </ul>   |
| Further work                       | <ul style="list-style-type: none"> <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>                                       | <ul style="list-style-type: none"> <li>On-going field reconnaissance exploration in the project area continues and is a high priority for the Company.</li> <li>Exploration is likely to include further lithological and structural mapping, rock chip sampling, acquisition of high-resolution geophysical data and arial drone imagery to assist geological interpretation, target identification, pXRF soil sampling campaigns and drilling.</li> </ul> |

- END -

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