PENINSULA MINES
LIMITED
ASX: PSM

**ASX ANNOUNCEMENT** **27 July 2018**

# EUNHA GRAPHITE INTERSECTIONS CONFIRM RESOURCE TARGETS

- **Significant graphite intersections from four diamond holes that tested the Eunha North EM anomaly**
- **Significant channel sampling graphite intersections from Eunha Roadhouse confirm EM anomaly target**
- **Flake distribution and Exploration Targets to be estimated prior to further resource drilling**
- **Eunha Concentrate sample (>95% graphite) despatched to Germany for spherical graphite testing**

Peninsula Mines Ltd (ASX:PSM) has generated significant graphite intersections from four diamond drillholes and four surface channels at the Eunha North and Eunha Roadhouse graphite targets respectively, in Chungnam Province, South Korea (Figure 1).

A total of five diamond holes were completed on three, 80m spaced, drilling sections, and results have been received for the four holes drilled from east to west that intersected graphitic unit(s) and/or structures (see Figure 2)[D1,D2]. The peak intersections are summarised below (see Appendix 1 & 2 drill hole details and results):

EHD0001: **7.82m (4.2m TW) @ 2.1% Total Graphitic Carbon (TGC) from 91.94m incl. 3.48m @ 3.6% TGC**

EHD0003: **10.87m (8.3m TW) @ 2.5% TGC from 56.1m incl. 5.19m @ 4.0% TGC incl. 2.35m @ 6.3% TGC**

EHD0004: **6.07m (3.9m TW) @ 2.2% TGC from 35.13m incl. 2.43m @ 3.3% TGC**

EHD0005: **6.68m (4.3m TW) @ 2.8% TGC from 66.99m incl. 4.53m @ 3.73% TGC incl. 1.33m @ 10.9% TGC**

The graphitic material intersected at Eunha North is associated with a steeply west dipping structure/unit, hosted within a granitic gneiss unit overlain by psammitic rocks in a broad antiform (see cross sections, Figures 4 and 5). The width of graphitic material is approximately 4m to 8m true width with a grade range of 2% to 4% TGC. The EM anomaly at Eunha North extends for a strike length of approximately 500m[D3].

The Exploration Target for Eunha North will be estimated once all available information is collated, including the drilling intersections, channel sampling, SG measurements and flake distribution. Further drilling will then be planned with the objective of defining a maiden Mineral Resource.

In addition, channel sampling results have been received for selected Channels at the Eunha Roadhouse prospect, located 800m to the south of Eunha North. Channel sampling has been completed on approximately 40m spacing with the initial results received from four of the seven channels (see Figure 3), including the following highlighted intersections (see Appendix 3 & 4 for channel sampling details and results):

EC0007: **6.32m @ 2.2% TGC from 0.68m including 1.72m @ 4.4% TGC and,**

**6.89m @ 3.1% TGC from 11.57m including 3.11m @ 4.5% TGC**

EC0010: **6.4m @ 2.1% %TGC from 0.0m including 1.01m @ 4.3% TGC**

EC0005: **8.9m @ 2.8% TGC from 0.62m including 4.0m @ 3.2% TGC**

Drilling will be planned to confirm the depth continuity of the Eunha Roadhouse graphitic unit(s) and determine whether the EM anomaly[D3] has been adequately explained by the channel sampled exposures.

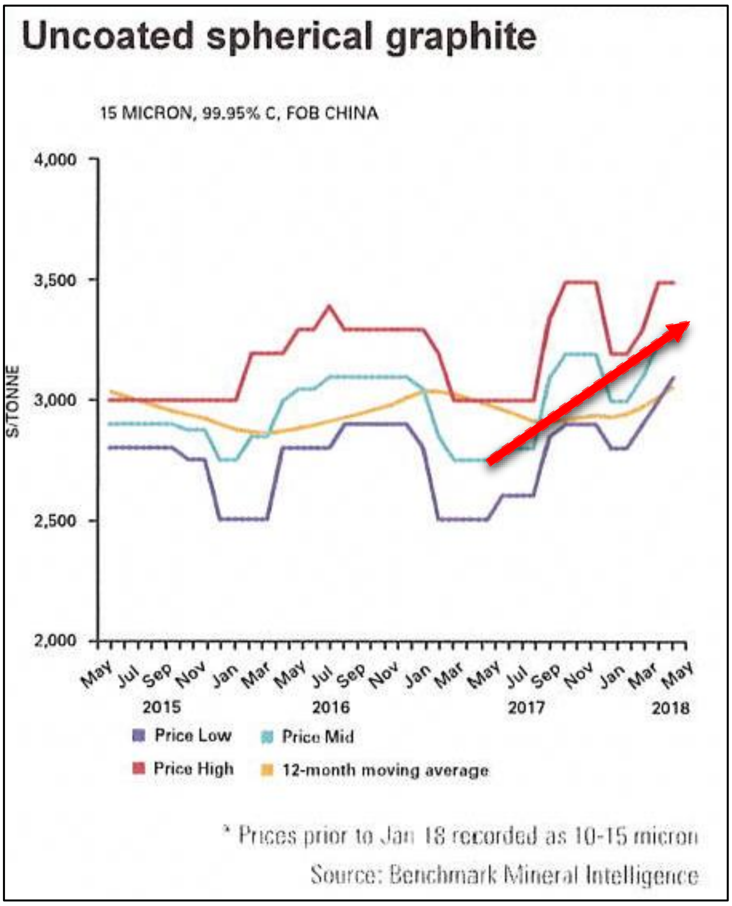
The Exploration Target for Eunha Roadhouse will be estimated once all available information is collated, including the channel sampling intersections and preliminary drilling if necessary.

In parallel with the drilling and channel sampling at Eunha, a 5.53 kg, -150 micron / +38 micron, concentrate sample has been generated at a **concentrate grade of 95.2% TGC**, that has now been despatched to Germany for spherical graphite testwork.

The testwork will involve micronisation and spheronisation, prior to purification with the objective of generating a >99.95% TGC purity, uncoated spherical graphite product suitable for lithium-ion (graphite) battery anode production in Korea[D5].

The production of spherical graphite is a value-added process that increases the potential value of the graphite product from a current market price for fine flake graphite concentrate (<150µm, >94-95% TGC) of ~USD 800/t (~AUD 1,000/t)[D5] to a current market price for un-coated, purified (>99.95% TGC), spherical graphite (average 15 micron) of >USD 3,250/t (~AUD 4,100/t)[D6].

Pricing of the uncoated spherical graphite product (15 micron) has increased over the last 12 months from around USD 2,750/t (~AUD 3,500/t) to >USD 3,250/t (~AUD 4,100/t), (see chart below from Benchmark Mineral Intelligence Report, June 2018), due to constraints on supply from China driven by increased domestic Chinese consumption and the closing down of some spherical graphite production due to environmental concerns.




Peninsula's Managing Director, Jon Dugdale, commented, *"The generation of these significant graphite intersections, and the generation and despatch of the high-grade concentrate sample for spherical graphite testing, are key milestones towards the Company's objective of producing high-purity spherical graphite to directly supply the Korean lithium-ion battery industry with this critical product."*

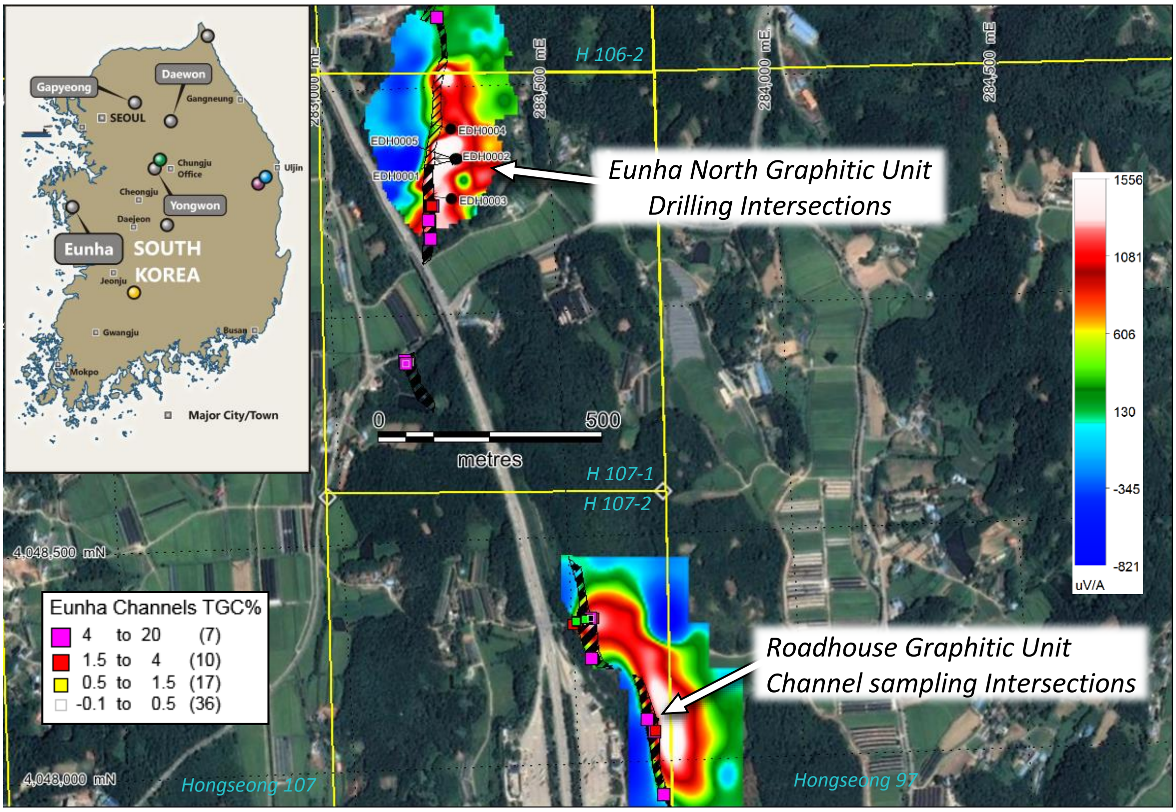



*Figure 1: Eunha Project location, EM conductors, mapped graphitic units, drill holes & channel sampling*

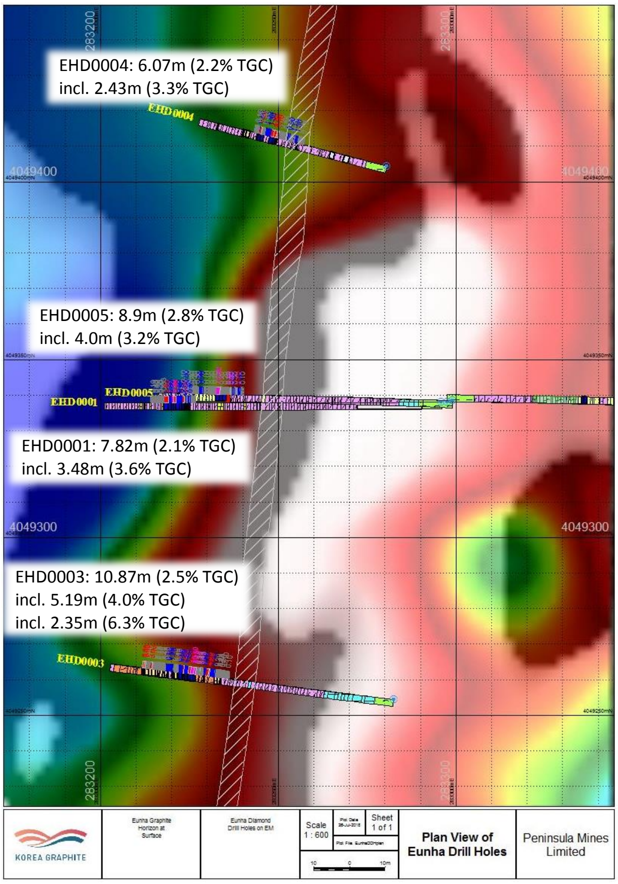



*Figure 2: Eunha North drillholes & results projected*

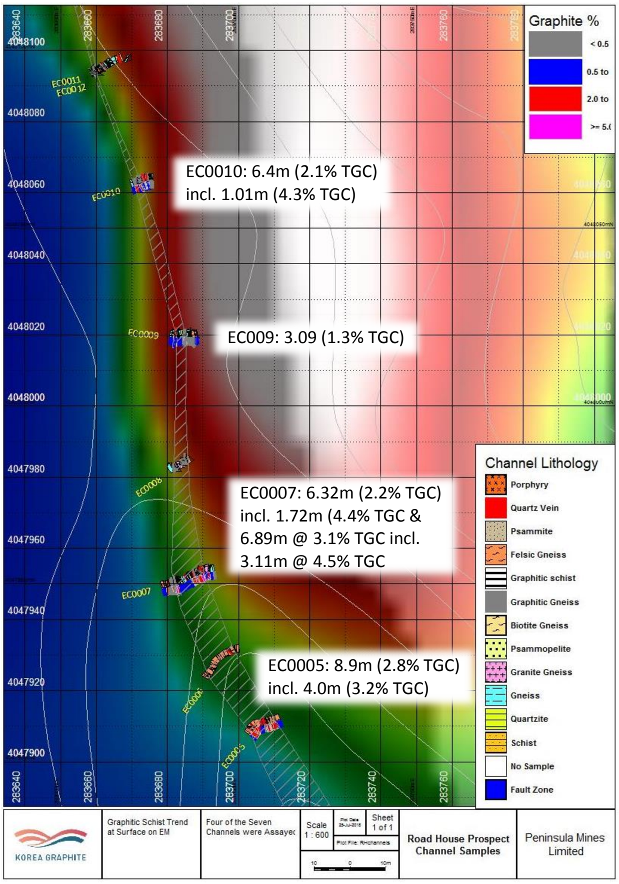



*Figure 3: Eunha Roadhouse, channel sampling & results*

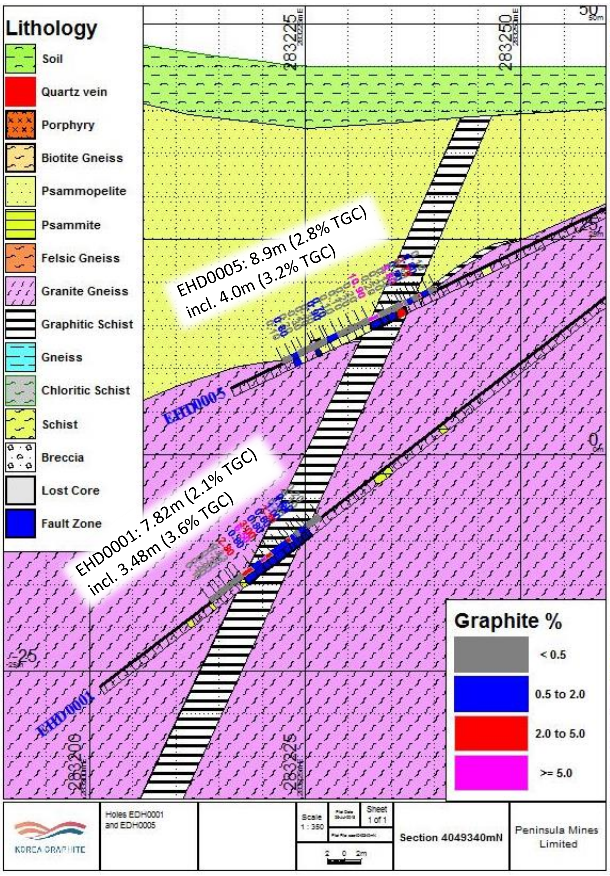



*Figure 4: Eunha North Cross Section 4,049,340mN*

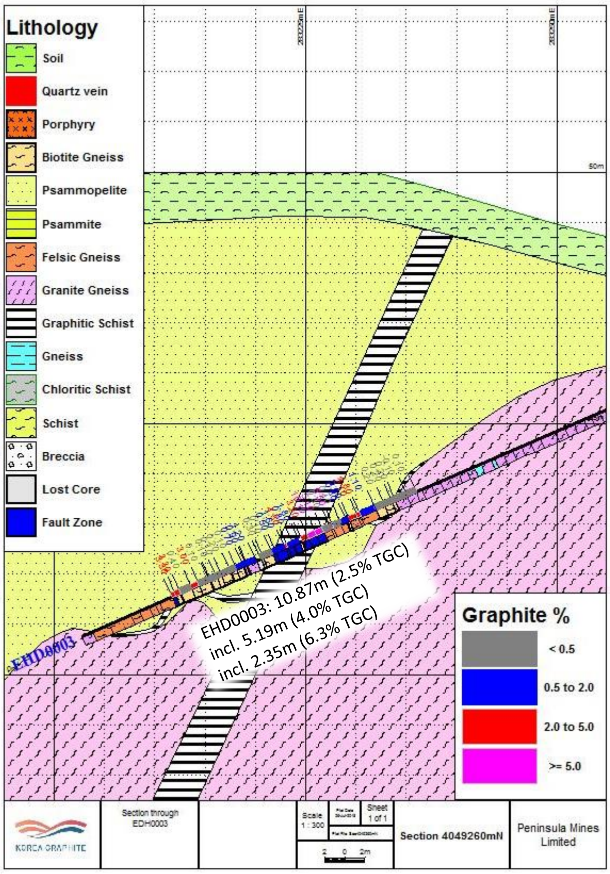



*Figure 5: Eunha North Cross Section 4,049,260mN*

ENDS

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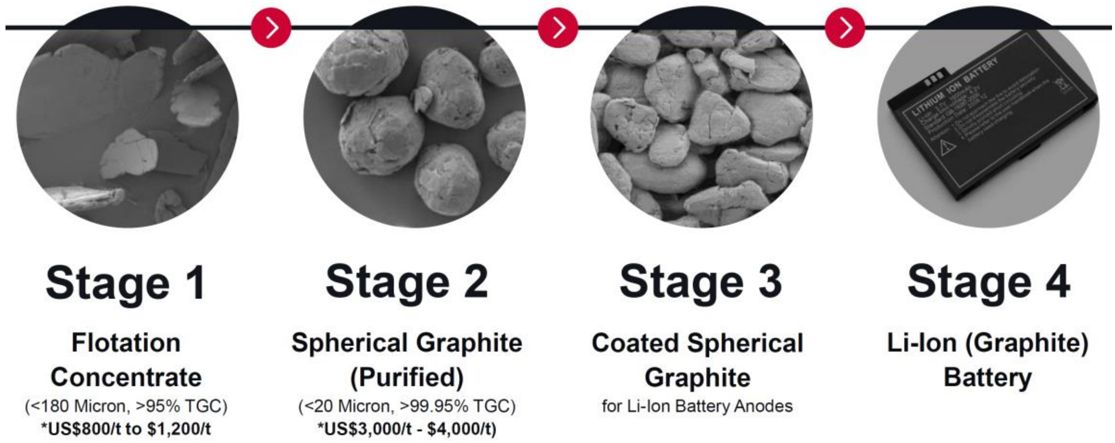
**About the Peninsula Mines Limited Graphite Business:**

Peninsula Mines Ltd ("Peninsula") is an Australian listed, exploration/development company focused on developing opportunities for mineral discovery and production in South Korea, where the Company is well established with a network of key contacts, having worked in the Country for over five years.

South Korea is one of the world's largest producers of lithium-ion batteries, but obtains downstream graphite products, including spherical graphite for Lithium-Ion battery anodes, predominantly from China (see value-chain below). Peninsula has identified the opportunity to mine and process graphite to produce value-added spherical graphite, in South Korea, to directly supply lithium-ion battery manufacturers and other graphite end-users in-country.




*Note: US$ pricing from Benchmark Mineral Intelligence graphite price assessments, March - April 2018[D4].*

Peninsula and its subsidiaries have tenements and tenement applications in South Korea with fine to large and jumbo flake graphite identified. Peninsula intends to progress these and other projects to JORC compliant resource definition and, potentially, development of mining and flake graphite concentrate production for spherical graphite – Lithium-ion battery applications and/or expandable graphite and other markets in Korea.

Peninsula signed a Memorandum of Understanding ("MOU") with Korean expandable graphite producer, Graphene Korea, in June 2017[D7], which envisages long-term strategic cooperation with respect to offtake of graphite concentrate and development of graphite mining and processing projects both within and potentially outside Korea.

Peninsula has also secured a Binding Supply Agreement with Canadian listed DNI Metals Inc ("DNI"). Subject to various conditions, DNI will supply up to 24,000 tonnes per year of flake graphite to Peninsula's 100% owned subsidiary, Korea Graphite Company Limited (''KGCL''), for on-sale to Korean end-users[D8]. Peninsula and DNI are discussing options to cooperate with respect to fast-tracking the development of DNI's large-flake graphite projects in Madagascar, which are situated close to port access and are saprolite (weathered rock) hosted - with low cost mining and processing potential.

**Summary list of Peninsula ASX releases and other documents referenced in this announcement:**

D1 Eunha North Drilling Graphite Intersected, ASX 21/06/18
D2 Resource Drilling Commences at Eunha Graphite Project, ASX 31/05/18
D3 Outstanding EM Conductors Define Graphite Targets at Eunha, ASX: 28/02/18
D4 Very High-Grade Graphite Concentrate Grades for Eunha Graphite Project, ASX: 10/04/18
D5 Peninsula Launches Testing for Value-Added Spherical Graphite Processing in Korea, 24/04/18
D6 Benchmark Mineral Intelligence Graphite Pricing Assessment, June 2018
D7 Flake-Graphite Offtake & Development MOU signed with Korean End-User, ASX: 14/06/17
D8 PSM signs MOU to supply Flake Graphite to Korean End-Users, ASX: 15/08/17
D9 Daewon Graphite Excellent Metallurgy and Four New Projects, ASX: 27/06/17
D10Super Jumbo and High-Grade Flake Graphite at New Projects, ASX: 20/10/17
For full versions of the Company's releases see Peninsula's website www.peninsulamines.com.au

## Forward Looking Statements

*This report contains certain forward-looking statements. These forward-looking statements are not historical facts but rather are based on Peninsula Mines Ltd's current expectations, estimates and projections about the industry in which Peninsula Mines Ltd operates, and beliefs and assumptions regarding Peninsula Mines Ltd's future performance. Words such as "anticipates", "expects", "intends", "plans", "believes", "seeks", "estimates" "potential" and similar expressions are intended to identify forward-looking statements. These statements are not guarantees of future performance and are subject to known and unknown risks, uncertainties and other factors, some of which are beyond the control of Peninsula Mines Ltd, are difficult to predict and could cause actual results to differ materially from those expressed or forecasted in the forward-looking statements. Peninsula Mines Ltd cautions shareholders and prospective shareholders not to place undue reliance on these forward-looking statements, which reflect the view of Peninsula Mines Ltd only as of the date of this report. The forward-looking statements made in this report relate only to events as of the date on which the statements are made. Peninsula Mines Ltd does not undertake any obligation to report publicly any revisions or updates to these forward-looking statements to reflect events, circumstances or unanticipated events occurring after the date of this report except as required by law or by any appropriate regulatory authority.*

## Competent Persons Statements

*The information in this report that relates to Exploration Results, Mineral Resources or Ore Reserves is based on information compiled by Mr Daniel Noonan, a Member of the Australian Institute of Mining and Metallurgy. Mr Noonan is an Executive Director of the Company.*

*Mr Noonan has sufficient experience which is relevant to the style of mineralisation and type of deposit under consideration and to 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 Noonan consents to the inclusion in the report of the matters based on this information in the form and context in which it appears.*

*The information in this release that relates to metallurgical test work is based on information compiled and / or reviewed by Mr Peter Adamini who is a Member of The Australasian Institute of Mining and Metallurgy. Mr Adamini is a full-time employee of Independent Metallurgical Operations Pty Ltd. Mr Adamini consents to the inclusion in the report of the matters based on his information in the form and context in which it appears.*

*The information in this release that relates to Geophysical Results and Interpretations is based on information compiled by Karen Gilgallon, Principal Geophysicist at Southern Geoscience Consultants. Karen Gilgallon is a Member of the Australasian Institute of Geoscientists (AIG) and has sufficient experience which is relevant to the style of mineralisation and type of deposit under consideration and to 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'. Karen Gilgallon consents to the inclusion in the release of the matters based on this information in the form and context in which it appears.*

# JORC Code, 2012 Edition: Table 1
## Section 1: Sampling Techniques and Data

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

| **Criteria** | ***JORC – Code of Explanation*** | **Commentary** |
|---|---|---|
| Sampling techniques | *Nature and quality of sampling (e.g. cut channels, random chips, or specific specialised industry standard measurement tools appropriate to the minerals under investigation, such as down hole gamma sondes, or handheld XRF instruments, etc). These examples should not be taken as limiting the broad meaning of sampling.* | The analysis results for all the drill core samples included within this release were half cored at the Company's core cutting facility at Sotae-myeon. The core was transported from the Eunha field site to Sotae by a hydraulically dampened truck to minimise the risk of damage to the core during transport. The core was unloaded at the Sotae core yard where it was logged, photographed and a cut line was marked on the core with green crayon and then the core was cut and sampled. The half core with the bottom of hole orientation line was kept as a permanent geological record of each sampled interval. Each cut sample was placed in a pre-marked calico bag then dried in the sun before packing into cartons for dispatch via FedEx to Nagrom Laboratories in Perth for analysis.<br><br>At the Road House Prospect 111 channel samples were taken from 7 re-excavated Korean Mineral promotion Corporation (KMPC) trenches. These 111 samples were dispatched to Perth along with an additional 23 quality control samples. A subset of 81 samples representing 4 of the 7 trenches excavated were analysed. The samples were cut using a diamond blade fitted angle grinder or with a plaster spatula in the case of highly weathered samples from channels in the wall or floor of the hand dug trenches. Each channel was cut approximately 7cm wide and 7cm deep. The channel location varied due to the topography of the trench floor.<br><br>The sample quality was excellent, fresh to partially oxidised rock. Each sample was collected across an interval of between 0.12m to 1.5m.<br><br>The channel samples were analysed for a suite of elements by XRF as well as Total Carbon (TC%), Total Graphitic Carbon (TGC%), Total Organic Carbon (TOC%) and Total Inorganic Carbon (TIC%) and sulphur (S %) at NAGROM laboratory in Perth, Australia.<br><br>NAGROM operate a LECO analyser: C and S values were determined from sample mass differences, using precision scales, resulting from heating to burn off carbon and sulphur, which were emitted as $CO_2$ and $SO_2$. The analytical results are tabled in Appendix 2 and 4.<br><br>The locations of the sample points are shown on Figure 3. All coordinates were recorded in WGS84, UTM Zone 52N coordinate system. |

| Criteria | JORC – Code of Explanation | Commentary |
| --- | --- | --- |
| | | The full list of analyses are tabulated in Appendix 4 and selected intervals are reported in the text of this release. |
| | *Include reference to measures taken to ensure sample representivity and the appropriate calibration of any measurement tools or systems used.* | The drill core was cut with the cut line marked up at a regular 1cm distance from the bottom of hole line or where the bottom of hole could not be determined at the apex point where the foliation ellipse daylighted along the core axis. Intervals were governed by the underlying geology to ensure representative samples were taken from each distinct geological interval.<br><br>The channel sampling results released in this announcement are from cut channels, approximately 7cm wide, taken along the wall or floor of the hand excavated trench. Sampling was undertaken as close as possible to normal to strike of the westerly dipping graphitic unit. Sampling locations were limited by the use of pre-existing KMPC trenches used to minimise environmental damage.<br><br>The channel cut samples were collected along intervals ranging from 0.5m to 1.5m, with care taken to ensure that they were representative of each interval. Sample quality was excellent, fresh to partially oxidised rock.<br><br>Sampled intervals were measured using a tape measure and referenced by chain and compass survey from Digital GPS surveyed pegs for moderately accurate 3D spatial location. |
| | *Aspects of the determination of mineralisation that are material to the Public Report. In cases where 'industry standard' work has been done this would be relatively simple (e.g. 'reverse circulation drilling was used to obtain 1 m samples from which 3 kg was pulverised to produce a 30 g charge for fire assay'). In other cases more explanation may be required, such as where there is coarse gold that has inherent sampling problems. Unusual commodities or mineralisation types (e.g. submarine nodules) may warrant disclosure of detailed information.* | The core samples were forwarded to NAGROM Laboratories in Perth, WA, for analysis.<br><br>The core samples were oven dried at 40°C and crushed to a nominal top size of 6.3mm using a jaw crusher. The crushed sample was then riffle split and half the coarse reject retained for use in any future metallurgical studies. A 500g sub-sample was then pulverised to provide a final aliquot for analysis to generate a grade for each sample.<br><br>NAGROM utilise a LECO analyser and gravimetric analyses, where C and S values were determined from mass differences (using precision scales) during the high temperature heating and subsequent $CO_2$ and $SO_2$ generation inside the analyser. This method was considered near total for C and S and was the preferred method for accurate graphite sample analysis.<br><br>From these analyses, the Total Carbon, Total Graphitic Carbon (TGC), Organic Carbon and Inorganic Carbon (as carbonate) and Sulphur were reported. |

| **Criteria** | ***JORC – Code of Explanation*** | **Commentary** |
|---|---|---|
| | | The surface channel samples were collected from re-excavated trenches. A channel approximately 7cm wide, was cut across the westerly dipping, graphitic unit. The entire channel cut sample was collected in the intervals ranging from 0.12m to 1.5m.<br><br>The graphite was evenly distributed within the graphitic unit. The entire exposed interval was sampled and dispatched as individual samples to NAGROM Laboratories in Perth, WA.<br><br>The graphitic samples, averaging 1kg to 9kg, were heat treated at +65 degrees for customs purposes. Samples post drying were crushed to a nominal top size of 6.3mm using a jaw crusher. The coarse jaw crushed sample was then riffle split to generate a sub-sample for pulverisation.<br><br>The sample was pulverised using a LM5 pulveriser until 80% of the sample passed 75 microns. A ~150g subsample of the pulverised material was then randomly selected for analysis with the balance of the coarse and pulverised material retained for possible future metallurgical studies.<br><br>NAGROM utilised a LECO analyser and gravimetric analyses, where C and S values were determined from mass differences (using precision scales) during the high temperature heating and subsequent $CO_2$ and $SO_2$ generation inside the analyser. This method was considered near total for C and S and was the preferred method for accurate graphite sample analysis.<br><br>From these analyses, the Total Carbon, Total Graphitic Carbon (TGC), Organic Carbon and Inorganic Carbon (as carbonate) and Sulphur were reported (Appendix 4). |
| Drilling techniques | *Drill type (e.g. 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).* | A total of five, standard, Q3 core, diamond drill holes have been completed by the Company at Eunha North prospect.<br><br>All core was oriented using the Devicore BBT electronic core orientation technology. |
| Drill sample recovery | *Method of recording and assessing core and chip sample recoveries and results assessed.*<br><br>*Measures taken to maximise sample recovery and ensure* | The core recovery from Eunha drill holes was locally very poor due to the highly weathered nature of the rock. In places substantial volumes of core were ground and washed away by the drill water. There was significant loss over the first 10 to 40m of all the holes but more significant was core loss from within the mineralised intervals and loss of graphitic material. |

| Criteria | *JORC – Code of Explanation* | Commentary |
|---|---|---|
| | *representative nature of the samples.* | There is potential for under call of the graphite grade due to core loss over some intervals (Appendix 1 includes figures on core recovery from the mineralised zones). To account for the loss of grade during the drilling process the average grade of the surrounding samples from the mineralised intercept was assigned as the value for the intervals of lost core.<br><br>Core was sampled on intervals matching geological boundaries, these interval lengths varied significantly due to variations in visible graphite content, degree of structural fracturing and variations in lithology. These samples were submitted to NAGROM Laboratories in Perth, WA, for analysis. |
| | *Whether a relationship exists between sample recovery and grade and whether sample bias may have occurred due to preferential loss/gain of fine/coarse material.* | |
| Logging | *Whether core and chip samples have been geologically and geotechnically logged to a level of detail to support appropriate Mineral Resource estimation, mining studies and metallurgical studies.* | Detailed logging of the drill core has been completed for all the sampled intervals with the areas of footwall and hangingwall waste gneissic rock being logged at present.<br><br>Core logging includes detailed lithological, geotechnical and structural logging of the core. The logging is both qualitative and quantitative in nature with all work aimed at meeting requirements for any future Mineral Resource estimation. All core trays have been photographed prior to sampling.<br><br>So far, the detailed logging has focussed on the mineralised zone and the immediate hangingwall and footwall zones with the balance of the holes still being progressively logged in detail.<br><br>All channel sample intervals were photographed prior to and post cutting. The geology of each sampled interval was recorded in a field notebook and transferred to an Excel spreadsheet. Logging included rock type, degree of weathering and oxidation, gangue minerals observed, nature of the mineralisation, width and depth of each sample. Structural information, such as bedding dip and direction were collected. Sketch maps of the channel and sampled intervals were also made.<br><br>The geology for the entire sampled interval was recorded. There were no areas of sample loss within any of the channel sampled intervals. |
| | *Whether logging is qualitative or quantitative in nature. Core (or costean, channel, etc) photography.* | |
| | *The total length and percentage of the relevant intersections logged.* | |
| Sub-sampling techniques and sample preparation | *If core, whether cut or sawn and whether quarter, half or all core taken.* | Sampled intervals were half-cored using a diamond saw and submitted to NAGROM Laboratories in Perth, WA, for analysis. |
| | *If non-core, whether riffled, tube sampled, rotary split, etc and whether sampled wet or dry.* | There was no core recovery from the zone of highly weathered rock and soil at the start of each hole. The balance of the drilling was all Q3 (50mm diameter) diamond drilled core.<br><br>All channel samples were taken with two parallel saw cuts with the rock between the cuts removed using a geology hammer |

| Criteria | *JORC – Code of Explanation* | Commentary |
|---|---|---|
| | | and/or a mallet and chisel. In cases were the sample was highly oxidised and weathered the sample was cut with a plaster spatula and with material in between the spatula cuts removed with a chisel or another spatula. The entire sampled interval was cut and a rubber mat was used to help funnel material into a calico sample bag. Samples were dried in the Company's secure core cutting shed using a gas heater prior to dispatch. |
| | *For all sample types, the nature, quality and appropriateness of the sample preparation technique.* | Diamond drill core logging is still in progress. Sampled intervals have all been logged in detail and the drill core has been half-cored using a diamond saw and submitted to NAGROM Laboratories in Perth, WA, for analysis.<br><br>The details of the applicable sample preparation have been discussed more fully in subsequent sections. |
| | *Quality control procedures adopted for all sub-sampling stages to maximise representivity of samples.* | The Company included blanks and Certified Reference Material (CRM) as part of the sample sequence. With blanks inserted after intervals visually estimated to return higher grade graphite results and CRMs inserted as every twentieth sample.<br><br>The channel cut sample was collected in intervals ranging from 0.12m to 1.5m ensuring that a representative sample was taken across the length and breadth of each sampled interval. Sample quality was excellent and samples included fresh to partially oxidised rock.<br><br>The Company included blank samples after samples visually estimated to have a higher graphite content. Certified Reference sample was analysed with every batch of 20 samples. Similarly, a repeat sample was taken and a blank included in each batch of 20 samples. The results of the QA/QC samples were within statistically acceptable limits. |
| | *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.* | Sampled core intervals ranged from 0.2m to 1.5m ensuring representative samples were taken of each sampled interval.<br><br>As previously stated, the entire channel cut sample was collected in the intervals ranging from 0.12m to 1.5m ensuring a representative sample. The field duplicate samples have an excellent correlation with the results of the prime sample. taken at any of the sample sites. No sample splits have been analysed other than those routinely analysed by the laboratory as part of their own internal QA/QC process. |
| | *Whether sample sizes are appropriate to the grain size of the material being sampled.* | Yes given the even distribution of graphitic material within each sampled interval. |

| Criteria | *JORC – Code of Explanation* | Commentary |
|---|---|---|
| | | The channel sample size was considered more than adequate to assess TGC content of the graphite mineralisation from the sampled sites at the Eunha project. |
| Quality of assay data and laboratory tests | *The nature, quality and appropriateness of the assaying and laboratory procedures used and whether the technique is considered partial or total.* | At NAGROM, the core and channel samples post drying were crushed to a nominal top size of 6.3mm using a jaw crusher then riffle split to generate a 500g sub-sample for pulverisation.<br><br>Each sample was pulverised using a LM5 pulveriser until 80% of the sample passed 75 microns. A >10g subsample of the pulverised material will then randomly selected for analysis with the balance of the pulverised material retained for future use.<br><br>The NAGROM analyses utilised a LECO analyser and were gravimetric analyses, where C and S values were determined from mass differences (using precision scales) during the high temperature heating and subsequent $CO_2$ and $SO_2$ generation inside the analyser. This method is considered near total for C and S and was the globally preferred method for accurate graphite sample analysis.<br><br>From these analyses, the Total Carbon, Total Graphitic Carbon (TGC), Organic Carbon and Inorganic Carbon (as carbonate) and Sulphur will be reported.<br><br>The assays are considered total for the key elements of C and S. Additional XRF analyses of gangue minerals were also undertaken as part of the overall analysis suite. |
| | *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 derivations, etc.* | The Company commissioned Southern Geoscience Consultants (SGC) of Perth to undertake moving loop and selected fixed loop electromagnetic (MLEM) surveys across the Eunha graphitic units. The purpose of the surveys was to determine the EM (conductivity) response of the outcropping graphitic unit and map the extent and geometry of the conductive unit along strike and at depth[D1]. These EM images have been included again with this release.<br><br>The geophysical programme parameters were as follows:<br>**Planning/Supervision:** Southern Geoscience Consultants Pty Ltd (SGC)<br>**Survey Configuration:** Fixed Loop TEM (FLEM)<br>**TX Loop Size:** 120m x 200m (Eunha North) and 150m x 300m (Roadhouse). Three overlapping TX loops at each site.<br>**Transmitter:** ZT-30<br>**Transmitter Power:** 72V (6 x 12V car batteries)<br>**Receiver:** SMARTem24<br>**Sensor:** RVR coil – vertical (Z) component<br>**Line Spacing:** 50m spacing with 25m infill<br>**Line Bearing:** 090° |

| Criteria | *JORC – Code of Explanation* | Commentary |
|---|---|---|
| | | **Station Spacing:** 25m and 50m<br>**TX Frequency:** 6 Hz (125 msec time base)<br>**Duty cycle:** 50%<br>**Current:** 10 to 12 Amp<br>**Stacks:** 256 stacks<br>**Readings:** At least 3 repeatable readings per station<br>**Powerline Frequency:** 60 Hz<br>Data was received on 28 channels from early to late time (shallow to deeper). The anomaly detected on Channel 5 is plotted (see Figures 1 and 4) approximating the response from outcrop to ~200m down dip. |
| | *Nature of quality control procedures adopted (e.g. standards, blanks, duplicates, external laboratory checks) and whether acceptable levels of accuracy (i.e. lack of bias) and precision have been established.* | The Company included blank and CRM standard samples as part of the drill core sample analyses. At this stage no core sample repeats have been analysed.<br><br>The Company included blank and CRM samples as part of the channel sample analyses. Blind field repeats were also included and the correlation between the analysis results for the original and repeat sample were excellent. In addition, NAGROM undertakes routine blank, CRM and repeat analyses as part of the labs own internal QA/QC procedures. The results of the Company's and the laboratory's own internal QA/QC do not indicate any issues with the assay results reported herewith. |
| Verification of sampling and assaying | *The verification of significant intersections by either independent or alternative company personnel.* | All reported intercepts have been confirmed by one or more of the Company's geologists. None of the results reported or commented upon in this release have been independently checked by non-Company personnel. This is not considered material at this early reconnaissance stage of the project's evaluation. |
| | *The use of twinned holes.* | No holes have been twinned. |
| | *Documentation of primary data, data entry procedures, data verification, data storage (physical and electronic) protocols.* | The company's drill holes are logged into an excel based drill log with the data routinely transferred to Perth for entry into the main company database.<br><br>Upon receipt of assay results these are matched with the logged intervals and recorded into the database by the Company's database manager.<br><br>Channel assay results were stored in an Excel database. All results were checked by the responsible geologist on entry to the database. |
| | *Discuss any adjustment to assay data.* | The data presented in the Appendices is drill hole location data and summary of lithology and recovery data along with a |

| **Criteria** | ***JORC – Code of Explanation*** | **Commentary** |
|---|---|---|
| | | tabulation of the core assay results for all the elements analysed for.<br><br>The channel data presented in the accompanying Appendix 3 and 4 is raw laboratory data. The organic carbon and inorganic carbon content were calculated using the results of the total and graphitic carbon and non-inorganic carbon analyses. This is standard practice in the reporting analyses of various carbon species. |
| Location of data points | *Accuracy and quality of surveys used to locate drill holes (collar and down-hole surveys), trenches, mine workings and other locations used in Mineral Resource estimation.* | Drill hole collars have been surveyed with a DGPS unit.<br><br>Down-hole surveys have been conducted during the programme using the Company's Reflex Ezy-shot survey tool.<br><br>Control points were also surveyed using a DGPS unit at each of the trench sites as well as pegs placed at the start and end of each trench. These surveyed pegs were used to reference the location of each channel sample to an accuracy of +/- 3m using a chain, compass and clinometer survey to spatially locate the start and end of each channel sample.<br><br>The accuracy of drill collars and channel locations are limited by the accuracy of Korean satellites and mobile tower positioning and data points are at best within 2m of their true location. |
| | *Specification of the grid system used.* | All drill hole sites were surveyed in the UTM WGS84 zone 52N coordinate system. |
| | *Quality and adequacy of topographic control.* | Topographic control on drill collar locations was as surveyed, to an accuracy of +/- 3m using the DGPS.<br><br>Geophysical measurement locations were determined using a hand-held Garmin GPS60CSx. The accuracy of this unit at most sample sites was +/- 5m to 10m.<br><br>Other topographic controls were based on The National Geographic Information Institute (NGII), 1:5,000 scale digital contour data available for the entire country. |
| Data spacing and distribution | *Data spacing for reporting of Exploration Results.* | Drill hole pierce points are located, initially, on three 80m spaced cross sections and 40m spacing down-dip on the central drill section.<br><br>The initial graphite channel-sampling intersection was based on continuous channel sampling across the reported intersection. The channel sites were nominally 20 to 50m apart. |
| | *Whether the data spacing and distribution is sufficient to establish the degree of geological and grade* | The initial drill hole spacing, targeting 80m spaced sections and 40m down dip, is considered sufficient data density to support the future estimation of an Inferred Mineral Resource. |

| Criteria | *JORC – Code of Explanation* | Commentary |
|---|---|---|
| | *continuity appropriate for the Mineral Resource and Ore Reserve estimation procedure(s) and classifications applied.* | The channel sampling was undertaken where graphitic exposures were identified at surface in pre-existing trenches. The channel data spacing is considered more than sufficient for the use in defining any future Inferred Mineral Resource at the Road House Prospect. |
| | *Whether sample compositing has been applied.* | No sample compositing has been undertaken. Several of the drill core samples have been aggregated together to generate length weighted averages of significant intercepts in each case the original raw assays have been reported in the Appendix 2. |
| Orientation of data in relation to geological structure | *Whether the orientation of sampling achieves unbiased sampling of possible structures and the extent to which this is known, considering the deposit type.* | The hole orientation was limited by surface drill access with all holes that intersected the mineralised interval drilled east to west from the footwall side of the westerly dipping graphite bearing fault structure.<br><br>The Company's drilling and data compilation has been undertaken to a standard that would allow for it to be used in any future Mineral Resource estimate but at this point in time it is impossible to say whether any of the hole data would be used in the estimation of a Mineral Resource.<br><br>The structural orientation data being generated from this first phase of drilling will be used to help design future drill holes at the Eunha North prospect.<br><br>None of the channel results have been composited. The assay results for each channel sampled interval have been reported in Appendix 4. |
| | *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.* | At this early stage of the drill hole data evaluation it looks like the main graphitic units strike north-south and dips steeply to the west.<br><br>Down hole drill intercept widths exceed the true width of the structure but no sampling bias is evident.<br><br>The channel samples were all sawn as close to horizontal as possible given the limitations of the pre-existing trench topography and basal trench outcrop. The channel angle is generally 10 to 30 degrees to the structures dip. All channel samples accurately reflected the grade of the sampled interval. True widths for each interval have been calculated using the observed structural dips, the channel dip and angle between the channel direction and dip direction of the graphite bearing structures. |

| **Criteria** | ***JORC – Code of Explanation*** | **Commentary** |
|---|---|---|
| Sample security | *The measures taken to ensure sample security.* | The core from the Eunha drilling programme was reviewed and orientated at the drill site then transferred to a greenhouse enclosure at a nearby farm. From there all the core was transported at the end of the drill programme to the secure Sotae core shed for detailed logging, cutting, sampling and subsequent storage.<br><br>All half core samples were taken in prelabelled calico bags and once dry packed into cardboard cartons nominally 6 to 10 samples per box depending on sample weight. The samples were then collected directly from the secure core shed by the local FedEx agent and transferred to the FedEx warehouse for dispatch to Nagrom Laboratories in Perth. Samples being drill core passed easily through customs and were held in secure area at the Nagrom laboratory. The samples upon receipt are sorted to ensure that all the samples in the assay job had been received and matched the consignment details supplied through online sample submission and email to Nagrom Laboratories. After sorting, the samples are stacked on trolleys, dried overnight at 40$^{o}$C and then weighed. Sampling of drill core will be conducted following detailed logging.<br><br>All channel samples were collected into pre-labelled calico sample bags. The specific details of each sample and sample site were recorded into a field notebook and later transferred to an Excel spreadsheet. Samples were initially stored and dried in staff hotel rooms. Later samples were transferred to a rented greenhouse. At the completion of the four-week channel sampling programme samples were transported to the Company's secure core yards at Soate-myeon. There samples were further dried prior to packing into cardboard cartons and dispatch via Fed Ex to NAGROM Laboratories, Australia.<br><br>All the Road House channel samples were declared as surface samples and heat treated as required by AQIS to destroy any soil or airborne pathogens prior to analysis by NAGROM. |
| Audits or reviews | *The results of any audits or reviews of sampling techniques and data.* | The NAGROM Laboratory, Kelmscott has been visited by Company personnel and met full international standards. NAGROM is internationally recognised, particularly in the field of graphite analysis.<br><br>Similarly, the IMO metallurgical laboratory in Welshpool, Perth, WA has been visited by Company personnel and meets full international standards. IMO are also internationally recognised, particularly in the field of metallurgical evaluations. |

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

## Section 2: Reporting of Exploration Results

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

| Criteria | JORC – Code of Explanation | Commentary |
|---|---|---|
| Tenement and land tenure status | *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.* | The Company has filed applications at the Eunha Project over blocks Hongseong 97, 98, 106, 107 & 108. The company was granted tenure over the Hongseong 107-1 and 107-2 tenements on the 15 May 2018. In addition, MDS applications were submitted to the Mines Registration Office (MRO) office on 23 May 2018 and the formal site inspections of the 106-1 and 97-4 title areas is expected to take place at some point over the next 6 months.<br><br>The main limitation with the Hongseong 106 & 107 titles at Eunha is the fact that motorway 15 and the Hongseong rest stop lie directly over and adjacent to the trend of the Eunha graphite structures and a buffer of at least 50m in all directions must be maintained around all major infrastructure such as roads and railways (see figure 1).<br><br>Each Korean tenement block covers a 1-minute graticule and has a nominal area of 276 hectares. The Company has 100% sole rights over each of these five tenement applications for graphite. Graphite, like other industrial minerals, is classified as a minor mineral under Korean Mineral Law. In the case of minor minerals such as graphite, each 1-minute graticule block is further subdivided into four 30"x 30" sub-blocks (sub-blocks are only applicable for industrial minerals and road metal and dimension stone quarry permits). The Company must complete and file a Mineral Deposit Survey (MDS) over each sub-block to secure a potential 6-year exploration right for each sub-block. The MDS field inspection has been completed for four sub-blocks at Eunha. To date two applications have been approved and an additional two are pending with the Ministry. Additional MDS reports will be filed once additional trenching work is completed and surface exposures have been identified on surrounding sub-blocks.<br><br>There are no native title interests in Korea. It is a generally accepted requirement that mineral title holders gain the consent of local land owners and residents before undertaking any major exploration activity, such as drilling.<br><br>The Eunha graphite structures lie on privately held farm and forest land and on land compulsorily acquired for the construction and subsequent use as motorway 15. |
| | *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.* | It may take longer for the more recent 106-1 and 97-4 submissions to be reviewed.<br><br>Once an MDS application is approved the Company has one year in which to file a prospecting plan and at that point the title holder is granted an initial 3-year exploration period |

| Criteria | JORC – Code of Explanation | Commentary |
|---|---|---|
| | | which can be extended to 6 years upon submission of a supplementary application to the Ministry. Further, the Company can convert the exploration licence to a formal mining right application upon the filing of a prospecting report. A recent change to the Korean Mineral Law now requires that a mineral right holder must include details of the defined Mineral Resource with any application for extension to an Exploration Right or for the grant of a full Mining Right. There are minimum Resources requirements that must now be met at each stage of the application process. The prospecting plans for the Hongseong 107-1 and 107-2 titles were filed earlier this week with the MRO.<br><br>Upon approval of a Mining Right the Company has 3 years to file and have a Mine Planning Application (MPA) approved. The MPA is submitted to and approved by the Local Government and is akin to local council planning approval. As part of the MPA process, the title holder must secure a "no objection certificate" from the residents of the local village(s). An MPA primarily covers design, implementation, environmental and safety aspects of all surface activities associated with the planned mining venture. The approval of the MPA then grants the mining Right holder a 20-year production period that can be extended further upon application, provided all statutory requirements have been met over the life of the mine. From the date of grant of the Mining Right, the title holder has a 3-year period in which mine production must commence. During this 3-year period, the title holder must make a minimum level of investment on plant and mine infrastructure in the amount of KWon100million (~A$120,000). In addition, certain minimum annual production levels must be met depending on the commodity being mined and its commercial value. In the case of graphite, it is 50 tonnes concentrate containing 75% TGC.<br><br>The Company refiled applications over the Hongseong 106 and 107 titles and has filed fresh applications over adjacent blocks Honseong 97, 98 & 108 at Eunha in February. These applications are valid for up to 6 months. At some future date the Company could again re-apply for a 6 months extension to the application period but there is no certainty that further extensions will be successful. Where possible the Company aims to locate surface mineralisation that will meet the requirements of the Korean Mineral Law for a successful tenement grant and then complete an MDS over each applied tenement within the current application period. |

| **Criteria** | **JORC – Code of Explanation** | **Commentary** |
|---|---|---|
| Exploration done by other parties | *Acknowledgement and appraisal of exploration by other parties.* | In the mid-1970s, Korea Mineral Promotion Corporation (KMPC) completed a programme of surface mapping and sampling at Eunha and identified two main north-south trending structures identified from 9 outcrops sampled along close to 1300m of strike. The graphite beds reported widths ranged from 2-20m and they collected 181 rock chip samples from trench sampling programmes which averaged 6.5% TGC.<br><br>KIGAM has flown airborne radiometrics and airborne magnetics across South Korea as part of an ongoing data capture programme conducted over the last 30 or more years. These surveys cover the Eunha project area. KIGAM has also completed 1:50,000 scale mapping across the project area.<br><br>The Company is currently not aware of any exploration work by other non-Government agencies/parties. |
| Geology | *Deposit type, geological setting and style of mineralisation.* | The FLEM survey has defined a conductive graphitic schist horizon that strongly contrasts with surrounding non-conductive country rock, composed predominately of highly folded biotite feldspar gneiss. A major NW-SE trending fault structure has been interpreted to cut the Eunha project area offsetting the southern road house mineralised zone from the Eunha North zone. Similar trending basement structures have been mapped regionally by KIGAM.<br><br>There was a very poor EM response in the middle part of the project which is interpreted to be due to the north-easterly dipping NW-SE trending fault limiting the depth extent of the graphitic units in this area.<br><br>The FLEM survey coupled with surface mapping of the sub-cropping and outcropping graphitic schist at both FLEM anomalies has defined graphitic structures that have been modelled as dipping steeply to the west. All surface exposures at Eunha suggest that the sequence is tightly folded and that the gneissic beds and graphitic schist horizons dip steeply to the west. |
| Drill hole information | *A summary of all information material to the understanding of the exploration results including a tabulation of the following information for all Material drill holes:*<br>*• easting and northing of the drill hole collar*<br>*• elevation or RL (Reduce Level) – elevation above sea level in metres) of the drill hole collar*<br>*• dip and azimuth of the hole* | Drilling details are included in Appendix 1. Core assay results are included as Appendix 2. The location details and summary geology for the trench channel sampling are summarised in Appendix 3 and the assay results from the channel sampling included as Appendix 4. |

| Criteria | JORC – Code of Explanation | Commentary |
|---|---|---|
| | *• down hole length and interception depth*<br>*• hole length* | |
| | *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.* | No information has been excluded from the release all the relevant data has been tabulated in Appendix 1 to 4. Spatial traces for each drill hole and channel are shown in the figures 2 to 5 within the main body of this release. |
| Data aggregation methods | *In reporting Exploration Results, weighting averaging techniques, maximum and/or minimum grade truncations (eg cutting of high grades) and cut-off grades are usually Material and should be stated.* | No data has been cut or truncated. |
| | *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.* | All assay values reported are raw assays and none of the data values have been cut or truncated. Drill hole and channels length weighted averages have been calculated for the full breadth of the sampled interval. In each case, the results of the analysis for each individual sampled interval has been reported in the appendices. |
| | *The assumptions used for any reporting of metal equivalent values should be clearly stated.* | No metal equivalent values have been reported. |
| Relationship between mineralisation widths and intercept lengths | *These relationships are particularly important in the reporting of Exploration Results.* | Drill intersection lengths are approximately 1.5 x true width.<br><br>True widths have been calculated and reported for each channel sampled interval.<br><br>No tonnage or Mineral Resource potential has been commented on in this release. |
| | *If the geometry of the mineralisation with respect to the drill hole angle is known, its nature should be reported.* | Drilling has been completed orthogonal to the strike of the graphitic units, however the drill holes have been drilled at a shallow angle to the west, intersecting steep westerly dipping units approximating 1.5x true width. |
| | *If it is not known and only the down hole lengths are reported,* | Down hole lengths have been reported but the dip of the target structure relative to the dip of the drill holes suggests |

| Criteria | JORC – Code of Explanation | Commentary |
|---|---|---|
| | *there should be a clear statement to this effect (e.g. 'down hole length, true width not known').* | that true widths are around two thirds of the reported down hole width. |
| Diagrams | *Appropriate maps and sections (with scales) and tabulations of intercepts should be included for any significant discovery being reported. These should include, but not be limited to a plan view of drill hole collar locations and appropriate sectional views.* | Figures 1 and 2 show the location of the two key EM anomalies recently identified at Eunha North and roadhouse.<br><br>Figures 2, 4 and 5 also show the location of the five drill holes completed at Eunha North.<br><br>Figure 3 shows the location of the 7 trenches and assay results received to date for 4 of the trenches. |
| Balanced reporting | *Where comprehensive reporting of all Exploration Results is not practicable, representative reporting of both low and high grades and/or widths should be practiced to avoid misleading reporting of Exploration Results.* | A full list of the analytical results from the drilling are tabulated in Appendix 2. All channel sampling results are tabulated in Appendix 4. |
| Other substantive exploration data | *Other exploration data, if meaningful and material, should be reported including (but not limited to): geological observations; geophysical survey results; geochemical survey results; bulk samples – size and method of treatment; metallurgical test results; bulk density, groundwater, geotechnical and rock characteristics; potential deleterious or contaminating substances.* | All data considered relevant and material have been included and commented upon in this announcement or included in earlier announcements[D1 to D10]. |
| Further work | *The nature and scale of planned further work (e.g. tests for lateral extensions or depth extensions or large-scale step-out drilling).* | The current drill programme has achieved the objective of defining the orientation of key graphitic units and assessing the stratigraphic thickness of units at the Eunha North prospect.<br><br>Additional drilling will now be planned at 40m x 40m spacing to define an Indicated Resource over a 500m strike length. The results will be further reviewed before any commitment is made to drill the prospect. |

| Criteria | JORC – Code of Explanation | Commentary |
|---|---|---|
| | *Diagrams clearly highlighting the areas of possible extensions, including the main geological interpretations and future drilling areas, provided this information is not commercially sensitive.* | The included Figure 1 shows the previously mapped and projected locations of the graphitic units at Eunha and the EM geophysical conductors projected to surface on the Google earth satellite image. It also shows the surrounding infrastructure.<br><br>The second figure shows the Eunha North prospect and the location of the five drill holes completed, targeting the core of the EM anomaly. |

## Appendix 1: Eunha North diamond drill hole locations and summary logging details

| HoleID | Easting | Northing | mRL | EOH | Dip° | True Az° | Mag Az° |
|---|---|---|---|---|---|---|---|
| EDH0001 | 283,296 | 4,049,338 | 46.7 | 120.04 | -39.1 | 268.9 | 277 |
| EDH0002 | 283,297 | 4,049,338 | 46.7 | 151.3 | -29.6 | 90.6 | 98.7 |
| EDH0003 | 283,382 | 4,049,254 | 45.9 | 88.13 | -28.5 | 277.1 | 285.2 |
| EDH0004 | 283,281 | 4,049,404 | 49.7 | 60 | -24.9 | 284.5 | 292.6 |
| EDH0005 | 283,299 | 4,049,338 | 46.7 | 91.42 | -24.2 | 271.9 | 280 |

| HoleID | From | To | Interval | Lithology | Recovery | Recovery% | Est. Graphite% |
|---|---|---|---|---|---|---|---|
| EHD0001 | 0 | 30.24 | 30.24 | Qs | 0 | 0 | 0 |
| EHD0001 | 30.24 | 31.52 | 1.28 | Pggn | 1.28 | 100 | 0 |
| EHD0001 | 31.52 | 33 | 1.48 | Pggn | 1.48 | 100 | 0 |
| EHD0001 | 33 | 34.52 | 1.52 | Pggn | 1 | 66 | 0 |
| EHD0001 | 34.52 | 36 | 1.48 | Pggn | 1.48 | 100 | 0 |
| EHD0001 | 36 | 37.52 | 1.52 | Pggn | 1.52 | 100 | 0 |
| EHD0001 | 37.52 | 39 | 1.48 | Pggn | 1.48 | 100 | 0 |
| EHD0001 | 39 | 40.52 | 1.52 | Pggn | 0.55 | 36 | 0 |
| EHD0001 | 40.52 | 41.52 | 1 | Pggn | 0.12 | 12 | 0 |
| EHD0001 | 41.52 | 42.52 | 1 | Pggn | 1 | 100 | 0 |
| EHD0001 | 42.52 | 43.52 | 1 | Pggn | 1 | 100 | 0 |
| EHD0001 | 43.52 | 44.52 | 1 | Pggn | 1 | 100 | 0 |
| EHD0001 | 44.52 | 45.52 | 1 | Pggn | 1 | 100 | 0 |
| EHD0001 | 45.52 | 46.52 | 1 | Pggn | 1 | 100 | 0 |
| EHD0001 | 46.52 | 47.52 | 1 | Pggn | 1 | 100 | 0 |
| EHD0001 | 47.52 | 48.52 | 1 | Pggn | 1 | 100 | 0 |
| EHD0001 | 48.52 | 49.52 | 1 | Pggn | 0.4 | 40 | 0 |
| EHD0001 | 49.52 | 50.52 | 1 | Pggn | 0.36 | 36 | 0 |
| EHD0001 | 50.52 | 51.62 | 1.1 | Pggn | 1.1 | 100 | 0 |
| EHD0001 | 51.62 | 52.62 | 1 | Pggn | 0.78 | 78 | 0 |
| EHD0001 | 52.62 | 53.62 | 1 | Pggn | 1 | 100 | 0 |
| EHD0001 | 53.62 | 54.62 | 1 | Pggn | 1 | 100 | 0 |
| EHD0001 | 54.62 | 55.62 | 1 | Pggn | 1 | 100 | 0 |
| EHD0001 | 55.62 | 56.62 | 1 | Pggn | 1 | 100 | 0 |
| EHD0001 | 56.62 | 57.64 | 1.02 | Pggn | 1.02 | 100 | 0 |
| EHD0001 | 57.64 | 58.64 | 1 | Pggn | 1 | 100 | 0 |
| EHD0001 | 58.64 | 59.64 | 1 | Pggn | 1 | 100 | 0 |
| EHD0001 | 59.64 | 60.7 | 1.06 | Pggn | 0.96 | 91 | 0 |
| EHD0001 | 60.7 | 61.41 | 0.71 | Pggn | 0.71 | 100 | 0 |
| EHD0001 | 61.41 | 62.89 | 1.48 | Pggn | 1.48 | 100 | 0 |
| EHD0001 | 62.89 | 64.6 | 1.71 | Pggn | 1.71 | 100 | 0 |

| HoleID | From | To | Interval | Lithology | Recovery | Recovery% | Est. Graphite% |
|---|---|---|---|---|---|---|---|
| EHD0001 | 64.6 | 64.99 | 0.39 | Pggn | 0.39 | 100 | 0 |
| EHD0001 | 64.99 | 65.9 | 0.91 | Pggn | 0.91 | 100 | 0 |
| EHD0001 | 65.9 | 66.15 | 0.25 | Pggn | 0.25 | 100 | 0 |
| EHD0001 | 66.15 | 67.15 | 1 | Pggn | 1 | 100 | 0 |
| EHD0001 | 67.15 | 68.15 | 1 | Pggn | 1 | 100 | 0 |
| EHD0001 | 68.15 | 69.74 | 1.59 | Pggn | 1.59 | 100 | 0 |
| EHD0001 | 69.74 | 70.62 | 0.88 | Psm | 0.88 | 100 | 0 |
| EHD0001 | 70.62 | 71.62 | 1 | Pggn | 1 | 100 | 0 |
| EHD0001 | 71.62 | 72.62 | 1 | Pggn | 1 | 100 | 0 |
| EHD0001 | 72.62 | 73.62 | 1 | Pggn | 1 | 100 | 0 |
| EHD0001 | 73.62 | 74.62 | 1 | Pggn | 0.89 | 89 | 0 |
| EHD0001 | 74.62 | 75.62 | 1 | Pggn | 1 | 100 | 0 |
| EHD0001 | 75.62 | 76.56 | 0.94 | Pggn | 0.94 | 100 | 0 |
| EHD0001 | 76.56 | 77.34 | 0.78 | Pggn | 0.78 | 100 | 0 |
| EHD0001 | 77.34 | 77.8 | 0.46 | Pggn | 0.46 | 100 | 0 |
| EHD0001 | 77.8 | 78.8 | 1 | Psm | 1 | 100 | 0 |
| EHD0001 | 78.8 | 80.09 | 1.29 | Psm | 1.29 | 100 | 0 |
| EHD0001 | 80.09 | 81.05 | 0.96 | Pggn | 0.96 | 100 | 0 |
| EHD0001 | 81.05 | 81.82 | 0.77 | Pggn | 0.77 | 100 | 0 |
| EHD0001 | 81.82 | 82.82 | 1 | Pggn | 1 | 100 | 0 |
| EHD0001 | 82.82 | 83.16 | 0.34 | Pggn | 0.34 | 100 | 0 |
| EHD0001 | 83.16 | 84 | 0.84 | Pggn | 0.84 | 100 | 0 |
| EHD0001 | 84 | 85 | 1 | Pggn | 1 | 100 | 0 |
| EHD0001 | 85 | 86 | 1 | Pggn | 1 | 100 | 0 |
| EHD0001 | 86 | 87 | 1 | Pggn | 1 | 100 | 0 |
| EHD0001 | 87 | 87.71 | 0.71 | Pggn | 0.71 | 100 | 0 |
| EHD0001 | 87.71 | 88.71 | 1 | Pggn | 1 | 100 | 0.2 |
| EHD0001 | 88.71 | 89.71 | 1 | Pggn | 1 | 100 | 0 |
| EHD0001 | 89.71 | 90.08 | 0.37 | FLZ | 0.37 | 100 | 1 |
| EHD0001 | 90.08 | 90.75 | 0.67 | FLZ | 0.67 | 100 | 20 |
| EHD0001 | 90.75 | 91.29 | 0.54 | FLZ | 0.54 | 100 | 0.5 |
| EHD0001 | 91.29 | 91.94 | 0.65 | FLZ | 0.65 | 100 | 2 |
| EHD0001 | 91.94 | 92.5 | 0.56 | FLZ | 0.56 | 100 | 50 |
| EHD0001 | 92.5 | 93.37 | 0.87 | FLZ | 0.83 | 95 | 2.1 |
| EHD0001 | 93.37 | 94.7 | 1.33 | FLZ | 1.33 | 100 | 0.5 |
| EHD0001 | 94.7 | 95.55 | 0.85 | FLZ | 0.85 | 100 | 0.2 |
| EHD0001 | 95.55 | 96.3 | 0.75 | FLZ | 0.75 | 100 | 15.5 |
| EHD0001 | 96.3 | 97.54 | 1.24 | FLZ | 0.32 | 26 | 0.5 |
| EHD0001 | 97.54 | 99.03 | 1.49 | FLZ | 0.68 | 46 | 8 |

| HoleID | From | To | Interval | Lithology | Recovery | Recovery% | Est. Graphite% |
|---|---|---|---|---|---|---|---|
| EHD0001 | 99.03 | 99.76 | 0.73 | Psm | 0.73 | 100 | 0 |
| EHD0001 | 99.76 | 100.23 | 0.47 | Pggn | 0.47 | 100 | 0.1 |
| EHD0001 | 100.23 | 101.17 | 0.94 | Pggn | 0.94 | 100 | 0.3 |
| EHD0001 | 101.17 | 102.02 | 0.85 | Pggn | 0.86 | 101 | 0.2 |
| EHD0001 | 102.02 | 102.56 | 0.54 | Pggn | 0.54 | 100 | 0.5 |
| EHD0001 | 102.56 | 103.64 | 1.08 | Pggn | 1.09 | 101 | 0 |
| EHD0001 | 103.64 | 104.09 | 0.45 | Psm | 0.36 | 80 | 0.1 |
| EHD0001 | 104.09 | 105.09 | 1 | Pggn | 1 | 100 | 0 |
| EHD0001 | 105.09 | 105.66 | 0.57 | Pggn | 0.57 | 100 | 0 |
| EHD0001 | 105.66 | 105.86 | 0.2 | Pggn | 0.2 | 100 | 1 |
| EHD0001 | 105.86 | 106.29 | 0.43 | Pggn | 0.43 | 100 | 0 |
| EHD0001 | 106.29 | 106.72 | 0.43 | Pggn | 0.43 | 100 | 0 |
| EHD0001 | 106.72 | 107.44 | 0.72 | Psm | 0.72 | 100 | 0 |
| EHD0001 | 107.44 | 108.44 | 1 | Pggn | 1 | 100 | 0 |
| EHD0001 | 108.44 | 109.44 | 1 | Pggn | 1 | 100 | 0 |
| EHD0001 | 109.44 | 110.44 | 1 | Pggn | 1 | 100 | 0 |
| EHD0001 | 110.44 | 111.44 | 1 | Pggn | 1 | 100 | 0 |
| EHD0001 | 111.44 | 112.44 | 1 | Pggn | 1 | 100 | 0 |
| EHD0001 | 112.44 | 113.44 | 1 | Pggn | 1 | 100 | 0 |
| EHD0001 | 113.44 | 114.44 | 1 | Pggn | 1 | 100 | 0 |
| EHD0001 | 114.44 | 115.44 | 1 | Pggn | 1 | 100 | 0 |
| EHD0001 | 115.44 | 116.44 | 1 | Pggn | 1 | 100 | 0 |
| EHD0001 | 116.44 | 117.44 | 1 | Pggn | 1 | 100 | 0 |
| EHD0001 | 117.44 | 118.44 | 1 | Pggn | 1 | 100 | 0 |
| EHD0001 | 118.44 | 119.44 | 1 | Pggn | 1 | 100 | 0 |
| EHD0001 | 119.44 | 120.04 | 0.6 | Pggn | 0.6 | 100 | 0 |
| EHD0003 | 0 | 6.1 | 6.1 | Qs | 0 | 0 | 0 |
| EHD0003 | 6.1 | 9.1 | 3 | Pgn | 1.14 | 38 | 0 |
| EHD0003 | 9.1 | 10.13 | 1.03 | Pgn | 0.85 | 83 | 0 |
| EHD0003 | 10.13 | 13.13 | 3 | Pgn | 1.7 | 57 | 0 |
| EHD0003 | 13.13 | 14.47 | 1.34 | Pgn | 1.34 | 100 | 0 |
| EHD0003 | 14.47 | 15.71 | 1.24 | Pgn | 1.14 | 92 | 0 |
| EHD0003 | 15.71 | 16.71 | 1 | Pgn | 1 | 100 | 0 |
| EHD0003 | 16.71 | 17.71 | 1 | Pgn | 0.91 | 91 | 0 |
| EHD0003 | 17.71 | 18.71 | 1 | Pgn | 1 | 100 | 0 |
| EHD0003 | 18.71 | 20.89 | 2.18 | Pgn | 1.62 | 74 | 0 |
| EHD0003 | 20.89 | 22.13 | 1.24 | Pgn | 1.24 | 100 | 0 |
| EHD0003 | 22.13 | 23.13 | 1 | Pggn | 0.85 | 85 | 0 |
| EHD0003 | 23.13 | 24.13 | 1 | Pggn | 1 | 100 | 0 |

| HoleID | From | To | Interval | Lithology | Recovery | Recovery% | Est. Graphite% |
|---|---|---|---|---|---|---|---|
| EHD0003 | 24.13 | 27.23 | 3.1 | Pggn | 2.68 | 86 | 0 |
| EHD0003 | 27.23 | 28.23 | 1 | Pggn | 1 | 100 | 0 |
| EHD0003 | 28.23 | 29.23 | 1 | Pggn | 1 | 100 | 0 |
| EHD0003 | 29.23 | 30.23 | 1 | Pggn | 1 | 100 | 0 |
| EHD0003 | 30.23 | 30.98 | 0.75 | Pggn | 0.75 | 100 | 0 |
| EHD0003 | 30.98 | 31.72 | 0.74 | Pggn | 0.74 | 100 | 0 |
| EHD0003 | 31.72 | 32.66 | 0.94 | Pggn | 0.94 | 100 | 0 |
| EHD0003 | 32.66 | 33.43 | 0.77 | Pggn | 0.77 | 100 | 0 |
| EHD0003 | 33.43 | 34.54 | 1.11 | Pggn | 1.11 | 100 | 0 |
| EHD0003 | 34.54 | 35.54 | 1 | Pggn | 1 | 100 | 0 |
| EHD0003 | 35.54 | 36.57 | 1.03 | Pggn | 1.03 | 100 | 0 |
| EHD0003 | 36.57 | 38.22 | 1.65 | Pggn | 1.65 | 100 | 0 |
| EHD0003 | 38.22 | 39.22 | 1 | Pggn | 1 | 100 | 0 |
| EHD0003 | 39.22 | 40.22 | 1 | Pggn | 1 | 100 | 0 |
| EHD0003 | 40.22 | 41.22 | 1 | Pggn | 1 | 100 | 0 |
| EHD0003 | 41.22 | 42.19 | 0.97 | Pggn | 0.97 | 100 | 0 |
| EHD0003 | 42.19 | 43.15 | 0.96 | Pggn | 0.96 | 100 | 0 |
| EHD0003 | 43.15 | 43.56 | 0.41 | Pgn | 0.41 | 100 | 0 |
| EHD0003 | 43.56 | 44.65 | 1.09 | Pggn | 1.09 | 100 | 0 |
| EHD0003 | 44.65 | 45.43 | 0.78 | Pgn | 0.78 | 100 | 0 |
| EHD0003 | 45.43 | 46.2 | 0.77 | Pggn | 0.77 | 100 | 0 |
| EHD0003 | 46.2 | 47.07 | 0.87 | Pggn | 0.87 | 100 | 0 |
| EHD0003 | 47.07 | 48.07 | 1 | Pggn | 1 | 100 | 0 |
| EHD0003 | 48.07 | 49.07 | 1 | Pggn | 1 | 100 | 0 |
| EHD0003 | 49.07 | 50.07 | 1 | Pggn | 1 | 100 | 0 |
| EHD0003 | 50.07 | 51.07 | 1 | Pggn | 1 | 100 | 0 |
| EHD0003 | 51.07 | 51.72 | 0.65 | Pggn | 0.65 | 100 | 0 |
| EHD0003 | 51.72 | 52.72 | 1 | Pggn | 1 | 100 | 0 |
| EHD0003 | 52.72 | 53.95 | 1.23 | Pggn | 0.99 | 80 | 0 |
| EHD0003 | 53.95 | 54.29 | 0.34 | Pbgn | 0.34 | 100 | 3 |
| EHD0003 | 54.29 | 55.13 | 0.84 | Pbgn | 0.84 | 100 | 0 |
| EHD0003 | 55.13 | 56.1 | 0.97 | Pbgn | 0.97 | 100 | 0 |
| EHD0003 | 56.1 | 57.75 | 1.65 | Pfgn | 0.07 | 4 | 0 |
| EHD0003 | 57.75 | 58.05 | 0.3 | Pfgn | 0.3 | 100 | 35 |
| EHD0003 | 58.05 | 58.95 | 0.9 | Pfgn | 0.85 | 94 | 8 |
| EHD0003 | 58.95 | 59.27 | 0.32 | Pbgn | 0.32 | 100 | 0.5 |
| EHD0003 | 59.27 | 59.87 | 0.6 | Pfgn | 0.22 | 37 | 3 |
| EHD0003 | 59.87 | 60.68 | 0.81 | Pfgn | 0.81 | 100 | 2 |
| EHD0003 | 60.68 | 60.97 | 0.29 | Pfgn | 0.29 | 100 | 25 |

| HoleID | From | To | Interval | Lithology | Recovery | Recovery% | Est. Graphite% |
|---|---|---|---|---|---|---|---|
| EHD0003 | 60.97 | 61.78 | 0.81 | Pfgn | 0.81 | 100 | 0.5 |
| EHD0003 | 61.78 | 62.57 | 0.79 | FLZ | 0.13 | 16 | 50 |
| EHD0003 | 62.57 | 63.42 | 0.85 | FLZ | 0.85 | 100 | 40 |
| EHD0003 | 63.42 | 64.13 | 0.71 | FLZ | 0.64 | 90 | 10 |
| EHD0003 | 64.13 | 64.4 | 0.27 | LC | 0 | 0 | 0 |
| EHD0003 | 64.4 | 65.07 | 0.67 | FLZ | 0.67 | 100 | 7 |
| EHD0003 | 65.07 | 65.67 | 0.6 | FLZ | 0.6 | 100 | 10 |
| EHD0003 | 65.67 | 65.97 | 0.3 | FLZ | 0.3 | 100 | 30 |
| EHD0003 | 65.97 | 66.97 | 1 | FLZ | 0.43 | 43 | 5 |
| EHD0003 | 66.97 | 67.36 | 0.39 | FLZ | 0.39 | 100 | 4 |
| EHD0003 | 67.36 | 68.36 | 1 | Pbgn | 1 | 100 | 0 |
| EHD0003 | 68.36 | 68.64 | 0.28 | Pbgn | 0.28 | 100 | 0 |
| EHD0003 | 68.64 | 69.11 | 0.47 | LC | 0 | 0 | 0 |
| EHD0003 | 69.11 | 70.13 | 1.02 | Pggn | 1.02 | 100 | 0.5 |
| EHD0003 | 70.13 | 70.22 | 0.09 | LC | 0 | 0 | 0 |
| EHD0003 | 70.22 | 70.53 | 0.31 | Pggn | 0.31 | 100 | 7 |
| EHD0003 | 70.53 | 71.29 | 0.76 | Pbgn | 0.76 | 100 | 0 |
| EHD0003 | 71.29 | 71.93 | 0.64 | Pbgn | 0.64 | 100 | 0 |
| EHD0003 | 71.93 | 72.87 | 0.94 | Pbgn | 0.36 | 38 | 0 |
| EHD0003 | 72.87 | 73.39 | 0.52 | Pbgn | 0.52 | 100 | 0 |
| EHD0003 | 73.39 | 74.13 | 0.74 | Pbgn | 0.74 | 100 | 0 |
| EHD0003 | 74.13 | 74.22 | 0.09 | LC | 0 | 0 | 0 |
| EHD0003 | 74.22 | 75.33 | 1.11 | Pbgn | 1.11 | 100 | 0 |
| EHD0003 | 75.33 | 76.13 | 0.8 | Pbgn | 0.8 | 100 | 7 |
| EHD0003 | 76.13 | 77.36 | 1.23 | Pbgn | 0.05 | 4 | 0.5 |
| EHD0003 | 77.36 | 77.89 | 0.53 | Pbgn | 0.53 | 100 | 10 |
| EHD0003 | 77.89 | 78.28 | 0.39 | FLZ | 0.39 | 100 | 10 |
| EHD0003 | 78.28 | 79.62 | 1.34 | Pfgn | 1.34 | 100 | 0 |
| EHD0003 | 79.62 | 80.13 | 0.51 | Pfgn | 0.51 | 100 | 0 |
| EHD0003 | 80.13 | 80.8 | 0.67 | Pfgn | 0.25 | 37 | 0 |
| EHD0003 | 80.8 | 81.8 | 1 | Pfgn | 1 | 100 | 0 |
| EHD0003 | 81.8 | 82.8 | 1 | Pfgn | 1 | 100 | 0 |
| EHD0003 | 82.8 | 85.13 | 2.33 | Pfgn | 2.33 | 100 | 0 |
| EHD0003 | 85.13 | 86.93 | 1.8 | Pfgn | 1.8 | 100 | 0 |
| EHD0003 | 86.93 | 88.13 | 1.2 | Pggn | 1.2 | 100 | 0 |
| EHD0004 | 0 | 6.4 | 6.4 | Qs | | | 0 |
| EHD0004 | 6.4 | 14.02 | 7.62 | Pgn | | | 0 |
| EHD0004 | 14.02 | 19.43 | 5.41 | Pggn | | | 0 |
| EHD0004 | 19.43 | 26.86 | 7.43 | Pggn | | | 0 |

| HoleID | From | To | Interval | Lithology | Recovery | Recovery% | Est. Graphite% |
|---|---|---|---|---|---|---|---|
| EHD0004 | 26.86 | 28 | 1.14 | Pggn | 1.12 | 98 | 0 |
| EHD0004 | 28 | 28.56 | 0.56 | Pggn | 0.56 | 100 | 0 |
| EHD0004 | 28.56 | 29 | 0.44 | LC | 0 | 0 | 0 |
| EHD0004 | 29 | 30.01 | 1.01 | Pggn | 1.01 | 100 | 0.5 |
| EHD0004 | 30.01 | 30.3 | 0.29 | Pggn | 0.29 | 100 | 0 |
| EHD0004 | 30.3 | 30.5 | 0.2 | Pggn | 0.2 | 100 | 7 |
| EHD0004 | 30.5 | 31.5 | 1 | Pggn | 1 | 100 | 0 |
| EHD0004 | 31.5 | 32.46 | 0.96 | Pggn | 0.96 | 100 | 0 |
| EHD0004 | 32.46 | 33.42 | 0.96 | Pggn | 0.96 | 100 | 0.2 |
| EHD0004 | 33.42 | 35.13 | 1.71 | Pggn | 0.08 | 5 | 0 |
| EHD0004 | 35.13 | 35.58 | 0.45 | FLZ | 0.45 | 100 | 25 |
| EHD0004 | 35.58 | 35.74 | 0.16 | LC | 0 | 0 | 0 |
| EHD0004 | 35.74 | 36.56 | 0.82 | FLZ | 0.7 | 85 | 20 |
| EHD0004 | 36.56 | 37.56 | 1 | FLZ | 0.82 | 82 | 0 |
| EHD0004 | 37.56 | 38.36 | 0.8 | Pggn | 0.76 | 95 | 0.3 |
| EHD0004 | 38.36 | 39.39 | 1.03 | Pggn | 0.98 | 95 | 0.1 |
| EHD0004 | 39.39 | 40.42 | 1.03 | FLZ | 0.8 | 78 | 0.1 |
| EHD0004 | 40.42 | 41.2 | 0.78 | FLZ | 0.16 | 21 | 30 |
| EHD0004 | 41.2 | 41.4 | 0.2 | Pgn | 0.2 | 100 | 0 |
| EHD0004 | 41.4 | 41.65 | 0.25 | FLZ | 0.25 | 100 | 0 |
| EHD0004 | 41.65 | 42.62 | 0.97 | Pggn | 0.62 | 64 | 0 |
| EHD0004 | 42.62 | 60 | 17.38 | Pfgn | | | 0 |
| EHD0005 | 0 | 9.1 | 9.1 | Qs | | | 0 |
| EHD0005 | 9.1 | 10.42 | 1.32 | Qs | | | 0 |
| EHD0005 | 10.42 | 16.42 | 6 | Pgn | | | 0 |
| EHD0005 | 16.42 | 34.42 | 18 | Pggn | | | 0 |
| EHD0005 | 34.42 | 50.36 | 15.94 | Pggn | | | 0 |
| EHD0005 | 50.36 | 50.7 | 0.34 | Pggn | | | 0 |
| EHD0005 | 50.7 | 53.92 | 3.22 | Pggn | | | 0 |
| EHD0005 | 53.92 | 63.8 | 9.88 | Pggn | | | 0 |
| EHD0005 | 63.8 | 64.43 | 0.63 | Pggn | 0.1 | 16 | 0 |
| EHD0005 | 64.43 | 64.99 | 0.56 | Pggn | 0.56 | 100 | 0 |
| EHD0005 | 64.99 | 65.99 | 1 | Pggn | 1 | 100 | 0 |
| EHD0005 | 65.99 | 66.99 | 1 | Pggn | 0.92 | 92 | 3 |
| EHD0005 | 66.99 | 67.33 | 0.34 | Pggn | 0.34 | 100 | 6 |
| EHD0005 | 67.33 | 68.06 | 0.73 | Pggn | 0.73 | 100 | 0 |
| EHD0005 | 68.06 | 68.76 | 0.7 | Pggn | 0.26 | 37 | 0.4 |
| EHD0005 | 68.76 | 69.14 | 0.38 | Pggn | 0.38 | 100 | 0 |
| EHD0005 | 69.14 | 69.48 | 0.34 | Pgpn | 0.34 | 100 | 20 |

| HoleID | From | To | Interval | Lithology | Recovery | Recovery% | Est. Graphite% |
|---|---|---|---|---|---|---|---|
| EHD0005 | 69.48 | 70.42 | 0.94 | Kqz | 0.7 | 74 | 0 |
| EHD0005 | 70.42 | 71.52 | 1.1 | FLZ | 0.5 | 45 | 0 |
| EHD0005 | 71.52 | 72.34 | 0.82 | FLZ | 0.14 | 17 | 0.5 |
| EHD0005 | 72.34 | 73.67 | 1.33 | FLZ | 0.76 | 57 | 30 |
| EHD0005 | 73.67 | 74.67 | 1 | Ppsm | 1 | 100 | 0.05 |
| EHD0005 | 74.67 | 75.67 | 1 | Ppsm | 1 | 100 | 0 |
| EHD0005 | 75.67 | 76.67 | 1 | Ppsm | 1 | 100 | 0 |
| EHD0005 | 76.67 | 77.67 | 1 | Ppsm | 1 | 100 | 0 |
| EHD0005 | 77.67 | 78.73 | 1.06 | Ppsm | 0.98 | 92 | 0 |
| EHD0005 | 78.73 | 79.09 | 0.36 | Ppsm | 0.36 | 100 | 5 |
| EHD0005 | 79.09 | 80.19 | 1.1 | Ppsm | 1.1 | 100 | 0 |
| EHD0005 | 80.19 | 80.7 | 0.51 | FLZ | 0.11 | 22 | 1 |
| EHD0005 | 80.7 | 82 | 1.3 | Pggn | 1.1 | 85 | 0.1 |
| EHD0005 | 82 | 82.77 | 0.77 | Ppsm | 0.43 | 56 | 0.1 |
| EHD0005 | 82.77 | 83.55 | 0.78 | SHZ | 0.45 | 58 | 0 |
| EHD0005 | 83.55 | 84.58 | 1.03 | Pggn | 1.03 | 100 | 0 |
| EHD0005 | 84.58 | 85.38 | 0.8 | Pggn | 0.8 | 100 | 0 |
| EHD0005 | 85.38 | 88.42 | 3.04 | Pggn | 3.04 | 100 | 0 |
| EHD0005 | 88.42 | 91.42 | 3 | Pggn | 3 | 100 | 0 |

**Rock Codes**

| | |
|---|---|
| Pggn | granite gneiss |
| FLZ | fault zone |
| Psm | psammite |
| Ppsm | psammopelite |
| Kqz | quartz vein |
| SHZ | shear zone |
| Pgpn | graphite gneiss |
| Pgn | gneiss |
| LC | lost core |
| Pbgn | biotite gneiss |
| Pfgn | felsic gneiss |
| Qs | soil |

## Appendix 2: Drill Core Assay Results

| Sample ID | Sample type | Hole Number | From (m) | To (m) | TGC% | TC% | TCC% | TOC% | S% |
|---|---|---|---|---|---|---|---|---|---|
| EHD0001-001 | HALF CORE | EHD0001 | 87.71 | 88.71 | 0.2 | 0.2 | 0.2 | <0.1 | 0.7 |
| EHD0001-002 | HALF CORE | EHD0001 | 88.71 | 89.71 | <0.1 | 0.2 | 0.2 | <0.1 | 0.7 |
| EHD0001-003 | HALF CORE | EHD0001 | 89.71 | 90.08 | 0.5 | 6.3 | 5.8 | <0.1 | <0.1 |
| EHD0001-004 | HALF CORE | EHD0001 | 90.08 | 90.75 | 1.9 | 5.5 | 3.3 | 0.3 | <0.1 |
| EHD0001-005 | HALF CORE | EHD0001 | 90.75 | 91.29 | 0.4 | 6.1 | 5.7 | <0.1 | <0.1 |
| EHD0001-006 | HALF CORE | EHD0001 | 91.29 | 91.94 | 1 | 4.7 | 3.7 | <0.1 | <0.1 |
| EHD0001-007 | HALF CORE | EHD0001 | 91.94 | 92.50 | 2.3 | 8 | 5.5 | 0.2 | <0.1 |
| EHD0001-009 | HALF CORE | EHD0001 | 92.50 | 93.37 | 0.8 | 1 | 0.2 | <0.1 | 1 |
| EHD0001-010 | HALF CORE | EHD0001 | 93.37 | 94.70 | 0.8 | 0.9 | <0.1 | <0.1 | 0.9 |
| EHD0001-011 | HALF CORE | EHD0001 | 94.70 | 95.55 | 3 | 3 | <0.1 | <0.1 | 0.5 |
| EHD0001-012 | HALF CORE | EHD0001 | 95.55 | 96.30 | 6.5 | 7.1 | 0.6 | <0.1 | 0.6 |
| EHD0001-013 | HALF CORE | EHD0001 | 96.30 | 97.54 | 0.8 | 0.8 | <0.1 | <0.1 | 4 |
| EHD0001-014 | HALF CORE | EHD0001 | 97.54 | 99.03 | 2.8 | 3.1 | <0.1 | 0.3 | 0.2 |
| EHD0001-015 | HALF CORE | EHD0001 | 99.03 | 99.76 | 1.3 | 2.3 | 0.9 | <0.1 | <0.1 |
| EHD0001-016 | HALF CORE | EHD0001 | 99.76 | 100.23 | 0.2 | 2.7 | 2.5 | <0.1 | <0.1 |
| EHD0001-017 | HALF CORE | EHD0001 | 100.23 | 101.17 | 0.3 | 5.5 | 5.2 | <0.1 | <0.1 |
| EHD0001-018 | HALF CORE | EHD0001 | 101.17 | 102.02 | 0.4 | 4.6 | 4.2 | <0.1 | <0.1 |
| EHD0001-019 | HALF CORE | EHD0001 | 102.02 | 102.56 | 0.4 | 0.4 | <0.1 | <0.1 | <0.1 |
| EHD0001-020 | HALF CORE | EHD0001 | 102.56 | 103.64 | 0.1 | 5.9 | 5.8 | <0.1 | <0.1 |
| EHD0003-001 | HALF CORE | EHD0003 | 51.72 | 52.72 | 0.1 | <0.1 | <0.1 | <0.1 | <0.1 |
| EHD0003-002 | HALF CORE | EHD0003 | 52.72 | 53.95 | <0.1 | 0.1 | 0.1 | <0.1 | <0.1 |
| EHD0003-003 | HALF CORE | EHD0003 | 53.95 | 54.29 | 0.2 | 0.2 | <0.1 | <0.1 | 0.1 |
| EHD0003-004 | HALF CORE | EHD0003 | 54.29 | 55.13 | 0.2 | 0.6 | 0.5 | <0.1 | <0.1 |
| EHD0003-005 | HALF CORE | EHD0003 | 55.13 | 56.10 | 0.2 | 0.5 | 0.3 | <0.1 | <0.1 |
| EHD0003-006 | HALF CORE | EHD0003 | 56.10 | 57.75 | 1.1 | 7.4 | 6.2 | <0.1 | <0.1 |
| EHD0003-007 | HALF CORE | EHD0003 | 57.75 | 58.05 | 4.8 | 12.4 | 7.6 | <0.1 | <0.1 |
| EHD0003-008 | HALF CORE | EHD0003 | 58.05 | 58.95 | 2.1 | 5.1 | 3.1 | <0.1 | <0.1 |
| EHD0003-009 | HALF CORE | EHD0003 | 58.95 | 59.27 | 0.6 | 0.6 | <0.1 | <0.1 | <0.1 |
| EHD0003-010 | HALF CORE | EHD0003 | 59.27 | 59.87 | 0.8 | 6.1 | 5.2 | <0.1 | <0.1 |
| EHD0003-011 | HALF CORE | EHD0003 | 59.87 | 60.68 | 0.4 | 5.9 | 5.4 | <0.1 | 0.1 |
| EHD0003-012 | HALF CORE | EHD0003 | 60.68 | 60.97 | 5.5 | 6.6 | 1 | 0.1 | 0.2 |
| EHD0003-013 | HALF CORE | EHD0003 | 60.97 | 61.78 | 0.3 | 7.9 | 7.4 | 0.1 | <0.1 |
| EHD0003-014 | HALF CORE | EHD0003 | 61.78 | 62.57 | 5.1 | 9 | 4 | <0.1 | 0.1 |
| EHD0003-015 | HALF CORE | EHD0003 | 62.57 | 63.42 | 10.1 | 12.5 | 2.4 | <0.1 | 0.2 |
| EHD0003-017 | HALF CORE | EHD0003 | 63.42 | 64.13 | 3.2 | 4.4 | 1.2 | <0.1 | 0.3 |
| EHD0003-018 | HALF CORE | EHD0003 | 64.40 | 65.07 | 1.8 | 6.6 | 4.8 | <0.1 | 0.1 |
| EHD0003-019 | HALF CORE | EHD0003 | 65.07 | 65.67 | 0.8 | 4.4 | 3.5 | <0.1 | <0.1 |
| EHD0003-021 | HALF CORE | EHD0003 | 65.67 | 65.97 | 4.8 | 6.5 | 1.6 | 0.1 | <0.1 |
| EHD0003-023 | HALF CORE | EHD0003 | 65.97 | 66.97 | 1.6 | 3.5 | 1.9 | <0.1 | <0.1 |
| EHD0003-024 | HALF CORE | EHD0003 | 66.97 | 67.36 | 0.5 | 3 | 2.5 | <0.1 | <0.1 |
| EHD0003-025 | HALF CORE | EHD0003 | 67.36 | 68.36 | 0.1 | 0.1 | <0.1 | <0.1 | <0.1 |
| EHD0003-026 | HALF CORE | EHD0003 | 68.36 | 68.64 | 0.3 | 0.3 | <0.1 | <0.1 | <0.1 |
| EHD0003-027 | HALF CORE | EHD0003 | 69.11 | 70.13 | 1.2 | 1.2 | <0.1 | <0.1 | <0.1 |
| EHD0003-028 | HALF CORE | EHD0003 | 70.22 | 70.53 | 0.9 | 0.9 | <0.1 | <0.1 | <0.1 |
| EHD0003-029 | HALF CORE | EHD0003 | 70.53 | 71.29 | 0.7 | 0.7 | <0.1 | <0.1 | <0.1 |
| EHD0003-030 | HALF CORE | EHD0003 | 71.29 | 71.93 | 0.1 | 0.1 | <0.1 | <0.1 | <0.1 |
| EHD0003-031 | HALF CORE | EHD0003 | 71.93 | 72.87 | 0.2 | 0.2 | <0.1 | <0.1 | <0.1 |
| EHD0003-032 | HALF CORE | EHD0003 | 72.87 | 73.39 | 0.1 | <0.1 | <0.1 | <0.1 | <0.1 |
| EHD0003-033 | HALF CORE | EHD0003 | 73.39 | 74.13 | 0.1 | 0.1 | <0.1 | <0.1 | <0.1 |
| EHD0003-034 | HALF CORE | EHD0003 | 74.22 | 75.33 | 0.1 | <0.1 | <0.1 | <0.1 | <0.1 |
| EHD0003-035 | HALF CORE | EHD0003 | 75.33 | 76.13 | 3 | 3 | <0.1 | <0.1 | <0.1 |
| EHD0003-036 | HALF CORE | EHD0003 | 76.13 | 77.36 | 0.4 | 0.4 | <0.1 | <0.1 | <0.1 |
| EHD0003-037 | HALF CORE | EHD0003 | 77.36 | 77.89 | 3.3 | 3.3 | <0.1 | <0.1 | <0.1 |

| Sample ID | Sample type | Hole Number | From (m) | To (m) | TGC% | TC% | TCC% | TOC% | S% |
|---|---|---|---|---|---|---|---|---|---|
| EHD0003-038 | HALF CORE | EHD0003 | 77.89 | 78.28 | 3.3 | 3.4 | 0.1 | <0.1 | <0.1 |
| EHD0004-001 | HALF CORE | EHD0004 | 26.86 | 28.00 | 0.1 | 0.2 | <0.1 | 0.1 | <0.1 |
| EHD0004-002 | HALF CORE | EHD0004 | 28.00 | 28.56 | 0.1 | 0.1 | <0.1 | <0.1 | <0.1 |
| EHD0004-003 | HALF CORE | EHD0004 | 29.00 | 30.01 | 1.3 | 1.3 | <0.1 | <0.1 | <0.1 |
| EHD0004-004 | HALF CORE | EHD0004 | 30.01 | 30.30 | 0.1 | 0.2 | <0.1 | <0.1 | <0.1 |
| EHD0004-005 | HALF CORE | EHD0004 | 30.30 | 30.50 | 1.1 | 1.1 | <0.1 | <0.1 | <0.1 |
| EHD0004-006 | HALF CORE | EHD0004 | 30.50 | 31.50 | 0.1 | <0.1 | <0.1 | <0.1 | <0.1 |
| EHD0004-007 | HALF CORE | EHD0004 | 31.50 | 32.46 | 0.5 | 0.5 | <0.1 | <0.1 | <0.1 |
| EHD0004-008 | HALF CORE | EHD0004 | 32.46 | 33.42 | 0.3 | 0.3 | <0.1 | <0.1 | <0.1 |
| EHD0004-009 | HALF CORE | EHD0004 | 33.42 | 35.13 | 0.2 | 0.2 | <0.1 | <0.1 | <0.1 |
| EHD0004-010 | HALF CORE | EHD0004 | 35.13 | 35.58 | 3.1 | 3.1 | <0.1 | <0.1 | <0.1 |
| EHD0004-012 | HALF CORE | EHD0004 | 35.74 | 36.56 | 4 | 4 | <0.1 | <0.1 | <0.1 |
| EHD0004-013 | HALF CORE | EHD0004 | 36.56 | 37.56 | 2.9 | 2.9 | <0.1 | <0.1 | 0.1 |
| EHD0004-014 | HALF CORE | EHD0004 | 37.56 | 38.36 | 1.3 | 1.3 | <0.1 | <0.1 | <0.1 |
| EHD0004-015 | HALF CORE | EHD0004 | 38.36 | 39.39 | 1 | 1 | <0.1 | <0.1 | <0.1 |
| EHD0004-016 | HALF CORE | EHD0004 | 39.39 | 40.42 | 0.2 | 0.2 | <0.1 | <0.1 | <0.1 |
| EHD0004-017 | HALF CORE | EHD0004 | 40.42 | 41.20 | 4.2 | 4.2 | <0.1 | <0.1 | 0.1 |
| EHD0004-018 | HALF CORE | EHD0004 | 41.20 | 41.40 | 0.5 | 0.5 | <0.1 | <0.1 | <0.1 |
| EHD0004-019 | HALF CORE | EHD0004 | 41.40 | 41.65 | 0.2 | 0.2 | <0.1 | <0.1 | <0.1 |
| EHD0004-021 | HALF CORE | EHD0004 | 41.65 | 42.62 | 0.1 | 0.1 | <0.1 | <0.1 | <0.1 |
| EHD0005-001 | HALF CORE | EHD0005 | 64.99 | 65.99 | 0.1 | 0.1 | <0.1 | <0.1 | <0.1 |
| EHD0005-002 | HALF CORE | EHD0005 | 65.99 | 66.99 | 0.8 | 0.8 | <0.1 | <0.1 | <0.1 |
| EHD0005-003 | HALF CORE | EHD0005 | 66.99 | 67.33 | 2.7 | 2.7 | <0.1 | <0.1 | <0.1 |
| EHD0005-004 | HALF CORE | EHD0005 | 67.33 | 68.06 | 0.3 | 0.4 | <0.1 | 0.1 | <0.1 |
| EHD0005-005 | HALF CORE | EHD0005 | 68.06 | 68.76 | 0.5 | 0.6 | <0.1 | 0.1 | <0.1 |
| EHD0005-006 | HALF CORE | EHD0005 | 68.76 | 69.14 | 0.2 | 0.4 | <0.1 | 0.1 | <0.1 |
| EHD0005-007 | HALF CORE | EHD0005 | 69.14 | 69.48 | 5.6 | 5.8 | <0.1 | 0.1 | 0.1 |
| EHD0005-009 | HALF CORE | EHD0005 | 69.48 | 70.42 | 0.1 | 1.1 | 1 | <0.1 | <0.1 |
| EHD0005-010 | HALF CORE | EHD0005 | 70.42 | 71.52 | 0.2 | 0.4 | 0.2 | <0.1 | <0.1 |
| EHD0005-011 | HALF CORE | EHD0005 | 71.52 | 72.34 | 0.2 | 0.4 | <0.1 | 0.2 | <0.1 |
| EHD0005-012 | HALF CORE | EHD0005 | 72.34 | 73.67 | 10.9 | 11.5 | 0.5 | <0.1 | <0.1 |
| EHD0005-013 | HALF CORE | EHD0005 | 73.67 | 74.67 | 0.2 | 0.2 | <0.1 | <0.1 | <0.1 |
| EHD0005-014 | HALF CORE | EHD0005 | 74.67 | 75.67 | 0.2 | 0.3 | 0.1 | <0.1 | <0.1 |
| EHD0005-015 | HALF CORE | EHD0005 | 75.67 | 76.67 | 0.1 | 0.3 | 0.1 | <0.1 | <0.1 |
| EHD0005-016 | HALF CORE | EHD0005 | 76.67 | 77.67 | 0.1 | 0.2 | <0.1 | 0.1 | <0.1 |
| EHD0005-017 | HALF CORE | EHD0005 | 77.67 | 78.73 | 0.7 | 0.8 | <0.1 | 0.1 | <0.1 |
| EHD0005-018 | HALF CORE | EHD0005 | 78.73 | 79.09 | 0.9 | 1.1 | 0.1 | 0.1 | <0.1 |
| EHD0005-019 | HALF CORE | EHD0005 | 79.09 | 80.19 | 0.3 | 0.4 | 0.1 | <0.1 | <0.1 |
| EHD0005-021 | HALF CORE | EHD0005 | 80.19 | 80.70 | 0.2 | 0.5 | 0.3 | <0.1 | <0.1 |
| EHD0005-022 | HALF CORE | EHD0005 | 80.70 | 82.00 | 0.3 | 1.4 | 1 | 0.1 | <0.1 |
| EHD0005-023 | HALF CORE | EHD0005 | 82.00 | 82.77 | 0.2 | 0.4 | <0.1 | 0.1 | <0.1 |
| EHD0005-024 | HALF CORE | EHD0005 | 82.77 | 83.55 | 0.8 | 0.8 | <0.1 | <0.1 | <0.1 |
| EHD0005-025 | HALF CORE | EHD0005 | 83.55 | 84.58 | 0.1 | 0.2 | <0.1 | <0.1 | <0.1 |

## Appendix 2 Cont. Eunha Drill Core XRF Analysis Results

| Sample ID | Al % | As % | Ba % | Ca % | Cl% | Co % | Cr % | Cu % | Fe % | K% | Mg % | Mn% | Mo % | Na% |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| EHD0001-001 | 6.839 | 0.001 | 0.095 | 0.690 | 0.004 | 0.001 | 0.003 | 0.009 | 2.429 | 4.618 | 0.536 | 0.050 | 0.005 | 2.322 |
| EHD0001-002 | 6.864 | <0.001 | 0.110 | 0.571 | 0.001 | 0.001 | 0.003 | 0.003 | 2.319 | 4.939 | 0.383 | 0.035 | 0.005 | 2.205 |
| EHD0001-003 | 3.453 | 0.002 | 0.034 | 17.512 | 0.007 | 0.001 | 0.005 | 0.003 | 1.647 | 1.939 | 0.894 | 0.153 | <0.001 | 0.391 |
| EHD0001-004 | 3.470 | 0.007 | 0.048 | 10.327 | 0.008 | 0.002 | 0.009 | 0.009 | 2.852 | 0.951 | 2.886 | 0.145 | 0.002 | 0.024 |
| EHD0001-005 | 1.587 | <0.001 | 0.009 | 17.952 | 0.006 | <0.001 | 0.006 | <0.001 | 0.890 | 0.042 | 3.470 | 0.089 | <0.001 | 0.008 |
| EHD0001-006 | 1.473 | <0.001 | 0.003 | 11.375 | 0.006 | <0.001 | 0.008 | <0.001 | 1.200 | 0.027 | 2.905 | 0.073 | 0.001 | 0.002 |
| EHD0001-007 | 2.548 | <0.001 | 0.017 | 15.508 | 0.009 | 0.002 | 0.006 | 0.005 | 2.321 | 0.310 | 3.399 | 0.152 | <0.001 | 0.052 |
| EHD0001-009 | 5.755 | <0.001 | 0.171 | 0.670 | 0.003 | 0.004 | 0.010 | 0.014 | 4.904 | 2.691 | 2.529 | 0.171 | 0.001 | 0.775 |
| EHD0001-010 | 6.256 | <0.001 | 0.165 | 0.230 | <0.001 | 0.004 | 0.009 | 0.004 | 4.808 | 2.497 | 2.053 | 0.288 | 0.003 | 1.493 |
| EHD0001-011 | 5.935 | <0.001 | 0.160 | 0.195 | 0.002 | 0.004 | 0.036 | 0.023 | 7.333 | 2.766 | 1.462 | 0.280 | <0.001 | 1.199 |
| EHD0001-012 | 5.287 | <0.001 | 0.077 | 0.214 | 0.002 | 0.002 | 0.020 | 0.019 | 3.906 | 1.940 | 0.775 | 0.947 | 0.001 | 1.217 |
| EHD0001-013 | 6.747 | <0.001 | 0.127 | 0.277 | 0.005 | 0.004 | 0.011 | 0.002 | 4.559 | 2.691 | 1.988 | 0.377 | <0.001 | 1.490 |
| EHD0001-014 | 3.405 | <0.001 | 0.062 | 0.714 | 0.008 | 0.002 | 0.011 | 0.003 | 2.986 | 1.176 | 1.720 | 0.110 | <0.001 | 0.388 |
| EHD0001-015 | 2.188 | <0.001 | <0.001 | 7.214 | 0.006 | 0.002 | 0.011 | 0.004 | 2.112 | 0.027 | 8.453 | 0.124 | <0.001 | 0.018 |
| EHD0001-016 | 4.313 | <0.001 | 0.048 | 11.682 | 0.007 | <0.001 | 0.005 | <0.001 | 2.220 | 0.551 | 10.946 | 0.147 | <0.001 | 0.399 |
| EHD0001-017 | 1.431 | <0.001 | 0.008 | 21.991 | 0.009 | <0.001 | 0.005 | <0.001 | 1.061 | 0.039 | 8.733 | 0.096 | <0.001 | 0.017 |
| EHD0001-018 | 2.633 | <0.001 | 0.027 | 17.732 | 0.009 | <0.001 | 0.010 | <0.001 | 2.230 | 0.194 | 8.819 | 0.126 | 0.002 | 0.152 |
| EHD0001-019 | 5.497 | <0.001 | 0.184 | 5.341 | 0.004 | 0.003 | 0.010 | <0.001 | 3.889 | 1.152 | 10.406 | 0.149 | 0.002 | 0.586 |
| EHD0001-020 | 1.279 | <0.001 | 0.022 | 21.325 | 0.010 | 0.001 | 0.004 | <0.001 | 1.376 | 0.133 | 9.631 | 0.094 | 0.001 | 0.026 |
| EHD0003-001 | 6.753 | <0.001 | 0.070 | 0.321 | 0.004 | 0.001 | 0.002 | <0.001 | 2.332 | 4.611 | 0.208 | 0.047 | <0.001 | 2.323 |
| EHD0003-002 | 8.199 | <0.001 | 0.095 | 0.415 | 0.006 | 0.002 | 0.006 | <0.001 | 3.197 | 5.047 | 0.566 | 0.053 | 0.003 | 2.623 |
| EHD0003-003 | 8.539 | <0.001 | 0.208 | 0.780 | 0.014 | 0.002 | 0.015 | <0.001 | 4.496 | 6.205 | 1.658 | 0.103 | <0.001 | 1.697 |
| EHD0003-004 | 4.714 | <0.001 | 0.081 | 10.237 | 0.016 | <0.001 | 0.002 | <0.001 | 2.465 | 2.514 | 5.607 | 0.083 | <0.001 | 1.268 |
| EHD0003-005 | 8.570 | <0.001 | 0.128 | 2.882 | 0.003 | 0.004 | 0.013 | 0.004 | 5.192 | 4.342 | 2.224 | 0.101 | <0.001 | 1.276 |
| EHD0003-006 | 2.069 | <0.001 | 0.037 | 21.766 | 0.014 | 0.002 | 0.003 | <0.001 | 2.425 | 0.940 | 2.539 | 0.031 | 0.002 | 0.468 |
| EHD0003-007 | 1.831 | <0.001 | 0.031 | 23.494 | 0.022 | 0.002 | 0.006 | 0.007 | 1.623 | 0.673 | 1.323 | 0.028 | 0.001 | 0.107 |
| EHD0003-008 | 4.840 | <0.001 | 0.142 | 12.200 | 0.020 | 0.002 | 0.010 | 0.005 | 2.738 | 2.480 | 1.997 | 0.096 | <0.001 | 0.477 |
| EHD0003-009 | 6.847 | <0.001 | 0.228 | 1.146 | 0.007 | 0.003 | 0.010 | <0.001 | 5.288 | 3.287 | 2.058 | 0.298 | <0.001 | 1.154 |
| EHD0003-010 | 1.084 | <0.001 | 0.104 | 18.938 | 0.013 | <0.001 | 0.005 | <0.001 | 0.953 | 0.364 | 2.889 | 0.097 | <0.001 | 0.040 |
| EHD0003-011 | 1.016 | <0.001 | 0.062 | 19.469 | 0.008 | <0.001 | 0.003 | 0.002 | 0.913 | 0.227 | 4.292 | 0.104 | 0.001 | 0.035 |
| EHD0003-012 | 3.665 | <0.001 | 0.093 | 4.687 | 0.006 | 0.002 | 0.012 | 0.008 | 3.027 | 0.625 | 6.499 | 0.100 | <0.001 | 0.214 |
| EHD0003-013 | 1.213 | <0.001 | 0.046 | 25.820 | 0.013 | <0.001 | 0.003 | <0.001 | 0.761 | 0.177 | 5.076 | 0.107 | <0.001 | 0.038 |
| EHD0003-014 | 2.925 | <0.001 | 0.005 | 12.869 | 0.020 | 0.001 | 0.014 | 0.005 | 1.888 | 0.029 | 5.651 | 0.141 | 0.002 | <0.001 |
| EHD0003-015 | 2.697 | <0.001 | 0.029 | 9.829 | 0.009 | <0.001 | 0.012 | 0.007 | 2.495 | 0.241 | 3.903 | 0.141 | 0.003 | 0.048 |
| EHD0003-017 | 4.642 | <0.001 | 0.074 | 4.265 | 0.006 | 0.003 | 0.008 | 0.006 | 3.378 | 1.286 | 3.995 | 0.157 | 0.004 | 0.430 |
| EHD0003-018 | 2.476 | <0.001 | 0.065 | 15.999 | 0.007 | 0.001 | 0.005 | <0.001 | 1.912 | 0.227 | 4.551 | 0.119 | 0.001 | 0.016 |
| EHD0003-019 | 3.376 | <0.001 | 0.018 | 12.203 | 0.008 | 0.002 | 0.009 | 0.003 | 2.246 | 0.387 | 6.560 | 0.110 | 0.001 | 0.039 |
| EHD0003-021 | 5.456 | <0.001 | 0.030 | 6.532 | 0.008 | <0.001 | 0.009 | 0.003 | 2.802 | 1.124 | 6.696 | 0.092 | 0.003 | 0.057 |
| EHD0003-023 | 8.340 | <0.001 | 0.079 | 6.992 | 0.003 | <0.001 | 0.007 | 0.002 | 1.968 | 3.193 | 4.843 | 0.076 | 0.003 | 0.892 |
| EHD0003-024 | 4.677 | <0.001 | 0.077 | 8.994 | 0.006 | 0.003 | 0.007 | 0.002 | 2.556 | 1.772 | 2.797 | 0.144 | <0.001 | 1.109 |
| EHD0003-025 | 6.977 | <0.001 | 0.135 | 0.431 | 0.005 | 0.005 | 0.009 | 0.002 | 5.641 | 3.531 | 2.028 | 0.279 | <0.001 | 1.001 |
| EHD0003-026 | 7.661 | <0.001 | 0.121 | 0.462 | 0.005 | 0.004 | 0.010 | 0.002 | 5.587 | 3.300 | 2.059 | 0.310 | <0.001 | 1.071 |
| EHD0003-027 | 7.175 | 0.002 | 0.154 | 0.317 | 0.003 | 0.003 | 0.011 | 0.015 | 4.669 | 4.593 | 1.820 | 0.235 | <0.001 | 0.764 |
| EHD0003-028 | 6.760 | <0.001 | 0.121 | 0.437 | 0.008 | 0.004 | 0.010 | 0.009 | 5.159 | 3.380 | 1.698 | 0.271 | <0.001 | 1.034 |
| EHD0003-029 | 7.409 | <0.001 | 0.159 | 0.676 | 0.008 | 0.005 | 0.012 | 0.006 | 6.375 | 4.054 | 2.086 | 0.352 | 0.001 | 0.763 |
| EHD0003-030 | 6.825 | <0.001 | 0.115 | 1.085 | <0.001 | 0.005 | 0.010 | <0.001 | 6.538 | 3.385 | 1.512 | 0.367 | 0.001 | 0.655 |
| EHD0003-031 | 6.567 | <0.001 | 0.101 | 1.159 | 0.005 | 0.004 | 0.009 | 0.002 | 6.204 | 2.690 | 1.360 | 0.343 | <0.001 | 0.824 |
| EHD0003-032 | 7.335 | <0.001 | 0.092 | 0.961 | 0.005 | 0.003 | 0.008 | 0.006 | 4.373 | 4.305 | 0.946 | 0.235 | <0.001 | 1.598 |
| EHD0003-033 | 9.632 | <0.001 | 0.100 | 3.500 | 0.006 | 0.005 | 0.010 | <0.001 | 6.432 | 3.630 | 1.576 | 0.400 | <0.001 | 1.604 |
| EHD0003-034 | 7.656 | <0.001 | 0.109 | 1.411 | 0.002 | 0.004 | 0.010 | 0.009 | 6.053 | 3.119 | 1.221 | 0.331 | <0.001 | 1.400 |
| EHD0003-035 | 7.083 | <0.001 | 0.162 | 1.024 | 0.002 | 0.002 | 0.012 | 0.008 | 3.044 | 3.375 | 0.711 | 0.330 | 0.030 | 0.864 |
| EHD0003-036 | 7.920 | <0.001 | 0.179 | 2.935 | 0.007 | 0.003 | 0.009 | 0.002 | 7.551 | 3.281 | 1.992 | 0.139 | 0.008 | 0.362 |
| EHD0003-037 | 5.865 | <0.001 | 0.164 | 4.167 | 0.004 | 0.003 | 0.012 | 0.006 | 4.797 | 2.223 | 1.942 | 0.134 | 0.001 | 0.679 |
| EHD0003-038 | 5.404 | <0.001 | 0.063 | 9.226 | 0.011 | <0.001 | 0.010 | 0.002 | 4.223 | 1.130 | 3.634 | 0.137 | <0.001 | 1.297 |
| EHD0004-001 | 8.078 | <0.001 | 0.078 | 0.606 | 0.009 | 0.002 | 0.013 | <0.001 | 3.489 | 4.220 | 0.665 | 0.059 | <0.001 | 2.971 |
| EHD0004-002 | 7.405 | <0.001 | 0.240 | 1.178 | 0.023 | 0.002 | 0.012 | 0.008 | 4.327 | 4.415 | 1.929 | 0.094 | 0.001 | 0.657 |
| EHD0004-003 | 6.673 | <0.001 | 0.162 | 2.147 | 0.008 | 0.004 | 0.009 | 0.013 | 4.384 | 3.733 | 1.607 | 0.150 | 0.002 | 0.958 |
| EHD0004-004 | 7.538 | <0.001 | 0.195 | 1.984 | 0.014 | 0.003 | 0.012 | 0.020 | 4.342 | 4.759 | 1.911 | 0.074 | <0.001 | 0.483 |
| EHD0004-005 | 5.705 | <0.001 | 0.094 | 2.449 | 0.012 | 0.003 | 0.011 | 0.016 | 3.056 | 2.422 | 1.380 | 0.098 | <0.001 | 0.662 |

| Sample ID | Al % | As % | Ba % | Ca % | Cl% | Co % | Cr % | Cu % | Fe % | K% | Mg % | Mn% | Mo % | Na% |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| EHD0004-006 | 7.825 | <0.001 | 0.226 | 1.726 | 0.018 | 0.003 | 0.011 | 0.015 | 4.510 | 5.061 | 1.652 | 0.090 | <0.001 | 0.470 |
| EHD0004-007 | 9.766 | <0.001 | 0.303 | 1.605 | 0.040 | 0.005 | 0.013 | 0.006 | 5.766 | 5.107 | 1.930 | 0.121 | <0.001 | 0.858 |
| EHD0004-008 | 10.375 | <0.001 | 0.181 | 1.125 | 0.026 | 0.003 | 0.016 | 0.003 | 6.049 | 4.272 | 1.686 | 0.086 | <0.001 | 0.805 |
| EHD0004-009 | 9.287 | <0.001 | 0.214 | 1.656 | 0.013 | 0.004 | 0.015 | 0.009 | 6.320 | 3.485 | 1.932 | 0.097 | <0.001 | 1.040 |
| EHD0004-010 | 4.896 | <0.001 | 0.100 | 4.347 | 0.017 | 0.002 | 0.011 | 0.009 | 3.623 | 0.426 | 9.456 | 0.199 | <0.001 | 0.060 |
| EHD0004-012 | 5.816 | <0.001 | 0.136 | 6.061 | 0.010 | 0.001 | 0.016 | 0.008 | 2.674 | 1.980 | 6.810 | 0.086 | <0.001 | 1.021 |
| EHD0004-013 | 6.166 | <0.001 | 0.160 | 1.118 | 0.010 | 0.004 | 0.018 | 0.013 | 5.000 | 2.769 | 3.343 | 0.352 | 0.001 | 0.652 |
| EHD0004-014 | 6.423 | <0.001 | 0.165 | 0.490 | 0.004 | 0.004 | 0.020 | 0.007 | 5.580 | 3.085 | 1.685 | 0.444 | <0.001 | 0.807 |
| EHD0004-015 | 6.448 | <0.001 | 0.130 | 0.503 | 0.045 | 0.004 | 0.014 | 0.014 | 5.741 | 2.951 | 1.841 | 0.358 | <0.001 | 0.877 |
| EHD0004-016 | 5.069 | <0.001 | 0.084 | 0.117 | 0.001 | 0.001 | 0.007 | <0.001 | 0.952 | 3.717 | 0.199 | 0.079 | <0.001 | 1.760 |
| EHD0004-017 | 3.862 | <0.001 | 0.026 | 0.617 | 0.006 | 0.003 | 0.015 | 0.005 | 2.831 | 1.727 | 1.059 | 0.102 | <0.001 | 0.111 |
| EHD0004-018 | 6.731 | <0.001 | 0.083 | 0.452 | 0.007 | 0.004 | 0.019 | 0.013 | 4.631 | 2.860 | 1.347 | 0.140 | <0.001 | 1.352 |
| EHD0004-019 | 4.388 | <0.001 | 0.052 | 0.240 | 0.009 | <0.001 | 0.007 | <0.001 | 1.185 | 1.737 | 0.184 | 0.040 | <0.001 | 2.329 |
| EHD0004-021 | 7.055 | <0.001 | 0.070 | 0.768 | 0.008 | <0.001 | 0.005 | <0.001 | 2.019 | 4.804 | 0.165 | 0.038 | 0.002 | 2.316 |
| EHD0005-001 | 6.942 | <0.001 | 0.081 | 0.781 | 0.010 | <0.001 | 0.005 | 0.002 | 2.521 | 4.567 | 0.203 | 0.043 | <0.001 | 2.289 |
| EHD0005-002 | 6.304 | <0.001 | 0.076 | 5.400 | 0.002 | 0.001 | 0.010 | 0.007 | 3.625 | 2.549 | 1.884 | 0.117 | <0.001 | 0.917 |
| EHD0005-003 | 6.257 | <0.001 | 0.062 | 4.978 | 0.009 | 0.003 | 0.010 | 0.008 | 3.904 | 1.392 | 1.372 | 0.097 | <0.001 | 0.476 |
| EHD0005-004 | 8.916 | <0.001 | 0.109 | 1.895 | 0.013 | 0.002 | 0.016 | 0.003 | 5.724 | 4.074 | 2.183 | 0.109 | 0.001 | 1.051 |
| EHD0005-005 | 9.191 | <0.001 | 0.117 | 1.356 | 0.003 | 0.003 | 0.019 | 0.005 | 5.870 | 4.225 | 1.888 | 0.084 | 0.002 | 1.279 |
| EHD0005-006 | 10.008 | <0.001 | 0.144 | 1.448 | 0.003 | 0.002 | 0.018 | 0.004 | 5.842 | 4.037 | 2.399 | 0.090 | <0.001 | 1.058 |
| EHD0005-007 | 6.050 | <0.001 | 0.140 | 3.336 | 0.013 | 0.002 | 0.011 | 0.010 | 4.259 | 3.006 | 2.851 | 0.072 | <0.001 | 0.570 |
| EHD0005-009 | 3.210 | <0.001 | 0.119 | 13.422 | 0.015 | <0.001 | 0.006 | <0.001 | 1.094 | 0.888 | 6.749 | 0.091 | <0.001 | 1.398 |
| EHD0005-010 | 6.289 | <0.001 | 0.233 | 5.466 | 0.012 | 0.001 | 0.004 | <0.001 | 1.104 | 3.735 | 3.645 | 0.075 | <0.001 | 1.554 |
| EHD0005-011 | 5.799 | <0.001 | 0.120 | 2.793 | 0.013 | <0.001 | 0.005 | <0.001 | 0.927 | 2.527 | 1.219 | 0.057 | <0.001 | 1.756 |
| EHD0005-012 | 4.102 | <0.001 | 0.076 | 4.456 | 0.014 | 0.002 | 0.019 | 0.008 | 2.810 | 1.085 | 4.385 | 0.829 | <0.001 | 0.405 |
| EHD0005-013 | 7.086 | <0.001 | 0.137 | 1.068 | 0.008 | 0.004 | 0.014 | <0.001 | 6.437 | 3.152 | 1.869 | 0.348 | <0.001 | 1.010 |
| EHD0005-014 | 7.554 | <0.001 | 0.124 | 1.143 | 0.009 | 0.004 | 0.012 | 0.002 | 5.751 | 3.110 | 1.788 | 0.304 | <0.001 | 1.183 |
| EHD0005-015 | 7.381 | <0.001 | 0.114 | 1.281 | 0.001 | 0.004 | 0.015 | 0.002 | 6.207 | 2.780 | 1.845 | 0.337 | <0.001 | 1.058 |
| EHD0005-016 | 7.635 | <0.001 | 0.099 | 1.846 | 0.002 | 0.003 | 0.014 | 0.005 | 6.240 | 2.936 | 1.970 | 0.251 | <0.001 | 1.251 |
| EHD0005-017 | 7.033 | <0.001 | 0.102 | 1.464 | 0.005 | 0.002 | 0.011 | 0.013 | 4.371 | 3.419 | 1.539 | 0.700 | <0.001 | 0.760 |
| EHD0005-018 | 6.834 | <0.001 | 0.089 | 1.328 | 0.008 | 0.004 | 0.012 | 0.014 | 5.387 | 2.724 | 1.666 | 0.589 | <0.001 | 1.167 |
| EHD0005-019 | 7.567 | <0.001 | 0.118 | 1.677 | 0.006 | 0.005 | 0.010 | 0.005 | 5.862 | 3.502 | 1.725 | 0.299 | <0.001 | 1.008 |
| EHD0005-021 | 6.812 | <0.001 | 0.124 | 1.764 | 0.001 | 0.003 | 0.015 | 0.004 | 5.246 | 2.171 | 1.738 | 0.262 | <0.001 | 1.685 |
| EHD0005-022 | 5.947 | <0.001 | 0.277 | 7.072 | 0.005 | 0.001 | 0.010 | 0.004 | 2.528 | 3.075 | 3.834 | 0.092 | <0.001 | 1.421 |
| EHD0005-023 | 7.351 | <0.001 | 0.139 | 1.252 | 0.003 | 0.003 | 0.019 | 0.005 | 5.167 | 3.330 | 2.099 | 0.244 | <0.001 | 0.939 |
| EHD0005-024 | 7.408 | <0.001 | 0.117 | 0.926 | 0.007 | 0.003 | 0.009 | 0.016 | 4.449 | 3.527 | 1.809 | 0.441 | <0.001 | 0.973 |
| EHD0005-025 | 7.256 | <0.001 | 0.063 | 1.235 | 0.014 | <0.001 | 0.003 | 0.002 | 2.366 | 4.111 | 0.315 | 0.038 | <0.001 | 2.667 |

## Appendix 2 Cont. Eunha Drill Core XRF Analysis Results

| Sample ID | Nb % | Ni% | P% | Pb % | S% | Sb% | Si% | Sn % | Sr% | Ta% | Ti % | V% | W % | Zn % | Zr % |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| EHD0001-001 | 0.003 | 0.002 | 0.032 | 0.002 | 0.722 | <0.001 | 33.356 | <0.001 | 0.008 | <0.001 | 0.206 | <0.001 | <0.001 | 0.009 | 0.040 |
| EHD0001-002 | <0.001 | 0.003 | 0.025 | 0.003 | 0.712 | <0.001 | 33.572 | <0.001 | <0.001 | <0.001 | 0.170 | <0.001 | <0.001 | 0.007 | 0.033 |
| EHD0001-003 | <0.001 | 0.003 | 0.063 | 0.002 | 0.110 | 0.004 | 19.319 | <0.001 | 0.004 | <0.001 | 0.132 | 0.005 | 0.002 | 0.016 | 0.010 |
| EHD0001-004 | <0.001 | 0.011 | 0.056 | <0.001 | 0.045 | <0.001 | 24.741 | <0.001 | 0.006 | <0.001 | 0.241 | 0.017 | 0.002 | 0.020 | 0.008 |
| EHD0001-005 | <0.001 | 0.003 | 0.096 | <0.001 | 0.062 | 0.008 | 20.072 | <0.001 | 0.011 | <0.001 | 0.048 | 0.013 | 0.006 | 0.003 | 0.004 |
| EHD0001-006 | <0.001 | 0.002 | 0.185 | <0.001 | 0.013 | <0.001 | 27.905 | <0.001 | 0.003 | <0.001 | 0.067 | 0.014 | <0.001 | 0.005 | 0.002 |
| EHD0001-007 | <0.001 | 0.010 | 0.049 | <0.001 | 0.045 | 0.003 | 19.673 | <0.001 | 0.010 | <0.001 | 0.174 | 0.012 | 0.004 | 0.011 | 0.007 |
| EHD0001-009 | 0.002 | 0.007 | 0.053 | 0.003 | 1.016 | <0.001 | 31.571 | <0.001 | <0.001 | <0.001 | 0.483 | 0.010 | <0.001 | 0.016 | 0.017 |
| EHD0001-010 | 0.003 | 0.009 | 0.052 | 0.002 | 0.881 | <0.001 | 31.941 | <0.001 | 0.002 | <0.001 | 0.497 | 0.009 | 0.002 | 0.013 | 0.017 |
| EHD0001-011 | 0.002 | 0.075 | 0.052 | 0.005 | 0.532 | <0.001 | 29.717 | <0.001 | 0.005 | <0.001 | 0.472 | 0.028 | <0.001 | 0.018 | 0.016 |
| EHD0001-012 | 0.001 | 0.015 | 0.040 | 0.002 | 0.534 | <0.001 | 31.922 | <0.001 | 0.003 | <0.001 | 0.287 | 0.027 | <0.001 | 0.008 | 0.013 |
| EHD0001-013 | 0.001 | 0.012 | 0.066 | 0.003 | 0.317 | <0.001 | 31.533 | 0.002 | 0.008 | <0.001 | 0.500 | 0.011 | <0.001 | 0.016 | 0.017 |
| EHD0001-014 | 0.002 | 0.016 | 0.082 | 0.002 | 0.161 | <0.001 | 36.372 | <0.001 | 0.006 | <0.001 | 0.227 | 0.018 | <0.001 | 0.017 | 0.007 |
| EHD0001-015 | <0.001 | 0.010 | 0.258 | 0.003 | 0.010 | <0.001 | 28.294 | <0.001 | <0.001 | <0.001 | 0.121 | 0.018 | 0.002 | 0.014 | 0.005 |
| EHD0001-016 | <0.001 | 0.004 | 0.118 | <0.001 | 0.041 | <0.001 | 17.747 | <0.001 | <0.001 | <0.001 | 0.194 | 0.004 | 0.003 | 0.009 | 0.009 |
| EHD0001-017 | <0.001 | 0.004 | 0.062 | <0.001 | 0.006 | <0.001 | 13.596 | <0.001 | <0.001 | <0.001 | 0.047 | 0.008 | 0.005 | 0.009 | 0.002 |
| EHD0001-018 | <0.001 | 0.013 | 0.077 | <0.001 | 0.014 | <0.001 | 15.160 | <0.001 | <0.001 | <0.001 | 0.154 | 0.032 | 0.005 | 0.012 | 0.005 |
| EHD0001-019 | <0.001 | 0.015 | 0.083 | 0.002 | 0.020 | 0.002 | 23.490 | <0.001 | <0.001 | <0.001 | 0.360 | 0.031 | 0.002 | 0.017 | 0.008 |
| EHD0001-020 | <0.001 | 0.002 | 0.067 | <0.001 | 0.064 | <0.001 | 10.960 | <0.001 | <0.001 | <0.001 | 0.075 | 0.009 | 0.004 | 0.007 | 0.002 |
| EHD0003-001 | 0.003 | 0.002 | 0.029 | 0.003 | 0.003 | <0.001 | 34.365 | <0.001 | <0.001 | <0.001 | 0.181 | 0.002 | <0.001 | 0.007 | 0.032 |
| EHD0003-002 | 0.003 | 0.002 | 0.043 | 0.005 | 0.002 | <0.001 | 31.322 | <0.001 | 0.008 | <0.001 | 0.266 | <0.001 | <0.001 | 0.009 | 0.046 |
| EHD0003-003 | <0.001 | 0.006 | 0.070 | 0.005 | 0.002 | <0.001 | 28.241 | <0.001 | 0.015 | <0.001 | 0.447 | 0.012 | <0.001 | 0.014 | 0.017 |
| EHD0003-004 | <0.001 | 0.003 | 0.020 | 0.002 | <0.001 | <0.001 | 26.053 | <0.001 | <0.001 | <0.001 | 0.087 | 0.004 | 0.003 | 0.013 | 0.006 |
| EHD0003-005 | 0.002 | 0.009 | 0.064 | 0.005 | 0.067 | <0.001 | 26.783 | <0.001 | 0.015 | <0.001 | 0.445 | 0.013 | <0.001 | 0.023 | 0.017 |
| EHD0003-006 | <0.001 | 0.006 | 0.047 | <0.001 | 0.086 | 0.009 | 15.573 | <0.001 | 0.042 | <0.001 | 0.093 | 0.015 | 0.006 | 0.018 | 0.007 |
| EHD0003-007 | <0.001 | 0.014 | 0.108 | <0.001 | 0.015 | <0.001 | 12.710 | <0.001 | 0.035 | <0.001 | 0.103 | 0.047 | 0.007 | 0.042 | 0.004 |
| EHD0003-008 | <0.001 | 0.013 | 0.099 | <0.001 | 0.013 | <0.001 | 22.539 | <0.001 | 0.015 | <0.001 | 0.286 | 0.015 | 0.002 | 0.015 | 0.012 |
| EHD0003-009 | <0.001 | 0.007 | 0.056 | <0.001 | 0.002 | <0.001 | 30.239 | <0.001 | 0.017 | <0.001 | 0.480 | 0.013 | <0.001 | 0.012 | 0.014 |
| EHD0003-010 | <0.001 | 0.004 | 0.132 | <0.001 | 0.003 | 0.003 | 20.527 | <0.001 | <0.001 | <0.001 | 0.069 | 0.004 | 0.006 | 0.008 | 0.002 |
| EHD0003-011 | <0.001 | 0.002 | 0.124 | <0.001 | 0.007 | 0.003 | 18.956 | <0.001 | <0.001 | <0.001 | 0.064 | 0.003 | 0.005 | 0.006 | 0.001 |
| EHD0003-012 | <0.001 | 0.017 | 0.118 | 0.001 | 0.246 | <0.001 | 26.274 | <0.001 | <0.001 | <0.001 | 0.239 | 0.044 | <0.001 | 0.006 | 0.007 |
| EHD0003-013 | <0.001 | <0.001 | 0.152 | <0.001 | 0.006 | <0.001 | 10.423 | <0.001 | <0.001 | <0.001 | 0.060 | 0.001 | 0.005 | 0.004 | <0.001 |
| EHD0003-014 | <0.001 | 0.013 | 0.138 | <0.001 | 0.103 | 0.003 | 19.424 | <0.001 | <0.001 | <0.001 | 0.206 | 0.042 | 0.005 | 0.007 | 0.006 |
| EHD0003-015 | <0.001 | 0.018 | 0.158 | 0.002 | 0.145 | <0.001 | 22.161 | <0.001 | <0.001 | <0.001 | 0.192 | 0.083 | 0.002 | 0.010 | 0.006 |
| EHD0003-017 | <0.001 | 0.010 | 0.082 | <0.001 | 0.305 | 0.006 | 28.253 | <0.001 | 0.002 | <0.001 | 0.315 | 0.021 | 0.002 | 0.019 | 0.011 |
| EHD0003-018 | <0.001 | 0.006 | 0.142 | <0.001 | 0.055 | <0.001 | 18.795 | <0.001 | 0.008 | <0.001 | 0.131 | 0.019 | 0.002 | 0.010 | 0.003 |
| EHD0003-019 | <0.001 | 0.011 | 0.150 | <0.001 | 0.091 | <0.001 | 20.516 | <0.001 | 0.003 | <0.001 | 0.202 | 0.019 | 0.002 | 0.022 | 0.005 |
| EHD0003-021 | 0.001 | 0.029 | 0.139 | 0.003 | 0.043 | <0.001 | 22.359 | <0.001 | <0.001 | <0.001 | 0.154 | 0.075 | <0.001 | 0.034 | 0.008 |
| EHD0003-023 | <0.001 | 0.017 | 0.084 | 0.003 | 0.057 | <0.001 | 20.917 | <0.001 | <0.001 | <0.001 | 0.166 | 0.028 | 0.002 | 0.027 | 0.010 |
| EHD0003-024 | <0.001 | 0.008 | 0.098 | <0.001 | 0.065 | <0.001 | 25.288 | <0.001 | 0.006 | <0.001 | 0.246 | 0.033 | 0.002 | 0.015 | 0.010 |
| EHD0003-025 | <0.001 | 0.009 | 0.065 | 0.003 | 0.038 | <0.001 | 30.826 | <0.001 | 0.013 | <0.001 | 0.512 | 0.009 | <0.001 | 0.011 | 0.018 |
| EHD0003-026 | 0.001 | 0.006 | 0.069 | 0.005 | 0.014 | <0.001 | 30.140 | <0.001 | 0.023 | <0.001 | 0.541 | 0.009 | <0.001 | 0.011 | 0.018 |
| EHD0003-027 | <0.001 | 0.007 | 0.064 | 0.003 | 0.046 | <0.001 | 30.398 | <0.001 | 0.007 | <0.001 | 0.460 | 0.015 | <0.001 | 0.011 | 0.017 |
| EHD0003-028 | <0.001 | 0.013 | 0.064 | 0.002 | 0.003 | <0.001 | 31.033 | <0.001 | 0.006 | <0.001 | 0.439 | 0.017 | <0.001 | 0.020 | 0.015 |
| EHD0003-029 | 0.001 | 0.008 | 0.103 | 0.003 | 0.001 | <0.001 | 28.560 | <0.001 | 0.006 | <0.001 | 0.608 | 0.014 | 0.002 | 0.016 | 0.020 |
| EHD0003-030 | 0.002 | 0.007 | 0.060 | 0.003 | <0.001 | <0.001 | 30.618 | <0.001 | 0.009 | <0.001 | 0.585 | 0.009 | 0.002 | 0.013 | 0.018 |
| EHD0003-031 | 0.001 | 0.006 | 0.067 | 0.004 | 0.002 | <0.001 | 31.186 | <0.001 | 0.010 | <0.001 | 0.533 | 0.011 | <0.001 | 0.014 | 0.019 |
| EHD0003-032 | 0.001 | 0.010 | 0.053 | 0.007 | 0.001 | <0.001 | 31.197 | <0.001 | 0.010 | <0.001 | 0.398 | 0.006 | <0.001 | 0.011 | 0.019 |
| EHD0003-033 | <0.001 | 0.009 | 0.065 | 0.003 | <0.001 | <0.001 | 25.107 | <0.001 | 0.007 | <0.001 | 0.592 | 0.013 | 0.002 | 0.016 | 0.022 |
| EHD0003-034 | <0.001 | 0.007 | 0.101 | 0.003 | 0.001 | <0.001 | 29.102 | <0.001 | 0.004 | <0.001 | 0.590 | 0.012 | <0.001 | 0.017 | 0.017 |
| EHD0003-035 | <0.001 | 0.013 | 0.089 | 0.003 | 0.021 | <0.001 | 31.634 | <0.001 | 0.011 | <0.001 | 0.374 | 0.021 | <0.001 | 0.018 | 0.018 |
| EHD0003-036 | 0.003 | 0.011 | 0.464 | <0.001 | 0.008 | <0.001 | 25.192 | <0.001 | 0.004 | <0.001 | 1.236 | 0.020 | 0.002 | 0.053 | 0.036 |
| EHD0003-037 | 0.002 | 0.019 | 0.258 | <0.001 | 0.002 | <0.001 | 28.920 | <0.001 | 0.014 | <0.001 | 0.579 | 0.031 | <0.001 | 0.037 | 0.019 |

| Sample ID | Nb % | Ni% | P% | Pb % | S% | Sb% | Si% | Sn % | Sr% | Ta% | Ti % | V% | W % | Zn % | Zr % |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| EHD0003-038 | <0.001 | 0.019 | 0.250 | <0.001 | 0.002 | <0.001 | 26.039 | <0.001 | 0.021 | <0.001 | 0.229 | 0.043 | 0.006 | 0.033 | 0.008 |
| EHD0004-001 | <0.001 | 0.003 | 0.050 | 0.003 | <0.001 | <0.001 | 30.966 | <0.001 | 0.003 | <0.001 | 0.305 | 0.005 | <0.001 | 0.012 | 0.026 |
| EHD0004-002 | <0.001 | 0.007 | 0.076 | 0.005 | 0.002 | <0.001 | 29.857 | <0.001 | 0.009 | <0.001 | 0.459 | 0.014 | <0.001 | 0.015 | 0.019 |
| EHD0004-003 | <0.001 | 0.010 | 0.191 | 0.008 | 0.002 | <0.001 | 30.037 | <0.001 | 0.013 | <0.001 | 0.363 | 0.014 | 0.003 | 0.024 | 0.015 |
| EHD0004-004 | <0.001 | 0.008 | 0.077 | 0.009 | 0.002 | <0.001 | 29.318 | <0.001 | 0.006 | <0.001 | 0.430 | 0.011 | 0.002 | 0.021 | 0.016 |
| EHD0004-005 | <0.001 | 0.011 | 0.246 | 0.009 | 0.001 | <0.001 | 32.965 | <0.001 | 0.008 | <0.001 | 0.294 | 0.015 | <0.001 | 0.025 | 0.012 |
| EHD0004-006 | <0.001 | 0.006 | 0.075 | 0.005 | 0.002 | <0.001 | 29.196 | <0.001 | 0.015 | <0.001 | 0.459 | 0.014 | <0.001 | 0.015 | 0.019 |
| EHD0004-007 | <0.001 | 0.009 | 0.064 | 0.004 | 0.002 | <0.001 | 25.535 | <0.001 | 0.023 | <0.001 | 0.511 | 0.016 | 0.002 | 0.012 | 0.016 |
| EHD0004-008 | <0.001 | 0.011 | 0.052 | 0.002 | <0.001 | <0.001 | 26.298 | <0.001 | 0.008 | <0.001 | 0.510 | 0.015 | 0.002 | 0.012 | 0.016 |
| EHD0004-009 | 0.001 | 0.009 | 0.056 | 0.002 | 0.004 | <0.001 | 27.025 | <0.001 | 0.009 | <0.001 | 0.539 | 0.016 | <0.001 | 0.020 | 0.018 |
| EHD0004-010 | <0.001 | 0.034 | 0.239 | 0.003 | <0.001 | <0.001 | 24.990 | <0.001 | <0.001 | <0.001 | 0.310 | 0.019 | 0.002 | 0.060 | 0.008 |
| EHD0004-012 | <0.001 | 0.018 | 0.116 | 0.002 | <0.001 | <0.001 | 25.156 | <0.001 | <0.001 | <0.001 | 0.245 | 0.027 | <0.001 | 0.021 | 0.008 |
| EHD0004-013 | <0.001 | 0.024 | 0.116 | 0.002 | 0.003 | <0.001 | 28.553 | <0.001 | 0.004 | <0.001 | 0.515 | 0.035 | 0.002 | 0.026 | 0.016 |
| EHD0004-014 | 0.001 | 0.025 | 0.056 | 0.003 | <0.001 | <0.001 | 30.734 | <0.001 | 0.010 | <0.001 | 0.530 | 0.016 | <0.001 | 0.021 | 0.015 |
| EHD0004-015 | <0.001 | 0.018 | 0.065 | <0.001 | 0.001 | <0.001 | 30.616 | 0.002 | 0.010 | <0.001 | 0.507 | 0.014 | <0.001 | 0.023 | 0.016 |
| EHD0004-016 | <0.001 | 0.006 | 0.014 | 0.007 | 0.002 | <0.001 | 37.904 | <0.001 | 0.008 | <0.001 | 0.066 | <0.001 | 0.002 | 0.005 | 0.008 |
| EHD0004-017 | <0.001 | 0.018 | 0.171 | 0.013 | 0.001 | <0.001 | 35.908 | <0.001 | <0.001 | <0.001 | 0.165 | 0.040 | <0.001 | 0.022 | 0.008 |
| EHD0004-018 | <0.001 | 0.014 | 0.044 | 0.007 | <0.001 | <0.001 | 31.794 | <0.001 | <0.001 | <0.001 | 0.492 | 0.018 | <0.001 | 0.016 | 0.019 |
| EHD0004-019 | <0.001 | 0.002 | 0.022 | 0.006 | 0.001 | <0.001 | 38.903 | 0.002 | 0.003 | <0.001 | 0.211 | 0.005 | <0.001 | 0.002 | 0.016 |
| EHD0004-021 | 0.001 | 0.005 | 0.030 | 0.002 | 0.002 | <0.001 | 33.833 | <0.001 | 0.006 | <0.001 | 0.182 | 0.001 | <0.001 | 0.005 | 0.032 |
| EHD0005-001 | 0.002 | 0.003 | 0.031 | 0.003 | <0.001 | <0.001 | 33.721 | <0.001 | 0.002 | <0.001 | 0.194 | 0.004 | <0.001 | 0.006 | 0.035 |
| EHD0005-002 | <0.001 | 0.011 | 0.148 | 0.004 | 0.001 | <0.001 | 29.824 | <0.001 | 0.008 | <0.001 | 0.371 | 0.010 | <0.001 | 0.014 | 0.014 |
| EHD0005-003 | 0.001 | 0.012 | 0.146 | 0.006 | 0.002 | <0.001 | 29.892 | <0.001 | 0.005 | <0.001 | 0.320 | 0.029 | <0.001 | 0.020 | 0.011 |
| EHD0005-004 | <0.001 | 0.013 | 0.067 | 0.002 | 0.001 | <0.001 | 27.006 | <0.001 | 0.017 | <0.001 | 0.485 | 0.012 | <0.001 | 0.013 | 0.015 |
| EHD0005-005 | 0.003 | 0.018 | 0.057 | <0.001 | <0.001 | <0.001 | 26.963 | <0.001 | 0.023 | <0.001 | 0.515 | 0.016 | 0.002 | 0.017 | 0.014 |
| EHD0005-006 | <0.001 | 0.016 | 0.059 | 0.003 | 0.002 | <0.001 | 26.077 | <0.001 | 0.019 | <0.001 | 0.521 | 0.017 | <0.001 | 0.012 | 0.015 |
| EHD0005-007 | <0.001 | 0.017 | 0.145 | 0.003 | 0.002 | <0.001 | 27.939 | <0.001 | 0.023 | <0.001 | 0.343 | 0.036 | <0.001 | 0.034 | 0.010 |
| EHD0005-009 | <0.001 | 0.005 | 0.128 | <0.001 | <0.001 | 0.006 | 25.353 | <0.001 | <0.001 | <0.001 | 0.052 | <0.001 | 0.002 | 0.007 | <0.001 |
| EHD0005-010 | <0.001 | 0.002 | 0.055 | 0.002 | 0.002 | <0.001 | 30.007 | 0.002 | 0.014 | <0.001 | 0.053 | 0.005 | <0.001 | 0.005 | 0.006 |
| EHD0005-011 | <0.001 | 0.005 | 0.041 | <0.001 | 0.002 | <0.001 | 35.063 | <0.001 | 0.016 | <0.001 | 0.104 | 0.002 | <0.001 | 0.003 | 0.009 |
| EHD0005-012 | <0.001 | 0.017 | 0.082 | 0.002 | <0.001 | <0.001 | 25.194 | <0.001 | <0.001 | <0.001 | 0.189 | 0.048 | <0.001 | 0.018 | 0.007 |
| EHD0005-013 | <0.001 | 0.015 | 0.055 | 0.002 | <0.001 | <0.001 | 30.111 | <0.001 | 0.014 | <0.001 | 0.566 | 0.008 | <0.001 | 0.013 | 0.019 |
| EHD0005-014 | <0.001 | 0.012 | 0.068 | 0.002 | <0.001 | <0.001 | 30.117 | 0.002 | 0.018 | <0.001 | 0.534 | 0.009 | <0.001 | 0.012 | 0.016 |
| EHD0005-015 | 0.003 | 0.025 | 0.082 | 0.002 | <0.001 | <0.001 | 29.953 | <0.001 | 0.013 | <0.001 | 0.595 | 0.009 | 0.002 | 0.014 | 0.019 |
| EHD0005-016 | 0.002 | 0.014 | 0.158 | 0.002 | 0.001 | <0.001 | 28.743 | 0.002 | 0.008 | <0.001 | 0.697 | 0.011 | <0.001 | 0.013 | 0.022 |
| EHD0005-017 | 0.001 | 0.014 | 0.062 | <0.001 | 0.004 | <0.001 | 31.179 | <0.001 | 0.015 | <0.001 | 0.386 | 0.013 | <0.001 | 0.012 | 0.016 |
| EHD0005-018 | 0.002 | 0.017 | 0.086 | 0.002 | <0.001 | <0.001 | 30.346 | <0.001 | 0.004 | <0.001 | 0.509 | 0.017 | <0.001 | 0.015 | 0.016 |
| EHD0005-019 | 0.002 | 0.009 | 0.082 | 0.002 | <0.001 | <0.001 | 29.351 | <0.001 | 0.015 | <0.001 | 0.567 | 0.008 | <0.001 | 0.012 | 0.018 |
| EHD0005-021 | 0.003 | 0.020 | 0.063 | <0.001 | <0.001 | <0.001 | 30.516 | <0.001 | 0.006 | <0.001 | 0.479 | 0.007 | 0.002 | 0.012 | 0.016 |
| EHD0005-022 | <0.001 | 0.016 | 0.084 | 0.003 | 0.002 | <0.001 | 26.284 | <0.001 | 0.014 | <0.001 | 0.218 | 0.009 | <0.001 | 0.008 | 0.016 |
| EHD0005-023 | 0.001 | 0.029 | 0.065 | 0.002 | 0.002 | <0.001 | 30.072 | <0.001 | 0.008 | <0.001 | 0.486 | 0.009 | <0.001 | 0.010 | 0.015 |
| EHD0005-024 | <0.001 | 0.008 | 0.115 | <0.001 | <0.001 | <0.001 | 30.241 | <0.001 | 0.011 | <0.001 | 0.421 | 0.010 | <0.001 | 0.012 | 0.018 |
| EHD0005-025 | <0.001 | <0.001 | 0.051 | 0.003 | 0.002 | <0.001 | 33.278 | 0.002 | 0.006 | <0.001 | 0.244 | 0.003 | <0.001 | 0.004 | 0.031 |

**Appendix 3: Eunha Graphite Project Channel Sampling at Roadhouse Prospect**

| Channel ID | From | To | Channel Length (m) | Channel True Width | Sample ID | Easting | Northing | mRL | Lith |
|---|---|---|---|---|---|---|---|---|---|
| EC0005 | 0.00 | 0.62 | 0.62 | 0.46 | EHC0080 | 283703 | 4047907 | 77 | Pfgn |
| EC0005 | 0.62 | 1.62 | 1.00 | 0.72 | EHC0081 | 283704 | 4047908 | 77 | Pfgn |
| EC0005 | 1.62 | 2.02 | 0.40 | 0.10 | EHC0082 | 283704 | 4047909 | 77 | Pfgn |
| EC0005 | 2.02 | 2.07 | 0.05 | 0.01 | EHC0082 | 283704 | 4047909 | 77 | Kqz |
| EC0005 | 2.07 | 2.12 | 0.05 | 0.01 | EHC0082 | 283704 | 4047909 | 77 | Pfgn |
| EC0005 | 2.12 | 2.57 | 0.45 | 0.35 | EHC0083 | 283704 | 4047909 | 78 | Pgs |
| EC0005 | 2.57 | 2.69 | 0.12 | 0.10 | EHC0084 | 283705 | 4047909 | 78 | Pfgn |
| EC0005 | 2.69 | 2.98 | 0.29 | 0.25 | EHC0084 | 283705 | 4047909 | 77 | Kqz |
| EC0005 | 2.98 | 3.52 | 0.54 | 0.47 | EHC0084 | 283705 | 4047909 | 77 | Pfgn |
| EC0005 | 3.52 | 4.59 | 1.07 | 0.96 | EHC0085 | 283705 | 4047910 | 77 | Pfgn |
| EC0005 | 4.59 | 5.14 | 0.55 | 0.49 | EHC0086 | 283706 | 4047910 | 77 | Pfgn |
| EC0005 | 5.14 | 5.24 | 0.10 | 0.09 | EHC0086 | 283707 | 4047910 | 77 | Kqz |
| EC0005 | 5.24 | 5.65 | 0.41 | 0.36 | EHC0086 | 283707 | 4047910 | 77 | Pfgn |
| EC0005 | 5.65 | 5.77 | 0.12 | 0.03 | EHC0086 | 283707 | 4047910 | 77 | Pfgn |
| EC0005 | 5.77 | 6.17 | 0.40 | 0.37 | EHC0087 | 283707 | 4047910 | 77 | Kqz |
| EC0005 | 6.17 | 6.34 | 0.17 | 0.15 | EHC0088 | 283708 | 4047910 | 77 | Pfgn |
| EC0005 | 6.34 | 6.48 | 0.14 | 0.13 | EHC0088 | 283708 | 4047910 | 77 | Kqz |
| EC0005 | 6.48 | 6.62 | 0.14 | 0.13 | EHC0088 | 283708 | 4047910 | 77 | Pfgn |
| EC0005 | 6.62 | 6.97 | 0.35 | 0.33 | EHC0089 | 283708 | 4047910 | 77 | Pfgn |
| EC0005 | 6.97 | 7.54 | 0.57 | 0.55 | EHC0090 | 283708 | 4047910 | 77 | Pfgn |
| EC0005 | 7.54 | 8.29 | 0.75 | 0.74 | EHC0092 | 283709 | 4047911 | 77 | Pfgn |
| EC0005 | 8.29 | 9.54 | 1.25 | 1.24 | EHC0093 | 283710 | 4047911 | 77 | Pfgn |
| EC0005 | 9.54 | 10.74 | 1.20 | 1.14 | EHC0094 | 283711 | 4047911 | 76 | Pfgn |
| EC0005 | 10.74 | 10.74 | 0.00 | 0.00 | EHC0094 | 283712 | 4047912 | 76 | |
| EC0006 | 0.00 | 0.72 | 0.72 | 0.62 | EHC0095 | 283691 | 4047923 | 75 | Pfgn |
| EC0006 | 0.72 | 0.84 | 0.12 | 0.11 | EHC0096 | 283692 | 4047924 | 75 | Pfgn |
| EC0006 | 0.84 | 1.24 | 0.40 | 0.40 | EHC0096 | 283692 | 4047924 | 75 | Pfgn |
| EC0006 | 1.24 | 1.35 | 0.11 | 0.10 | EHC0097 | 283692 | 4047924 | 75 | Pfgn |
| EC0006 | 1.35 | 1.72 | 0.37 | 0.35 | EHC0097 | 283692 | 4047924 | 75 | Pfgn |
| EC0006 | 1.72 | 2.75 | 1.03 | 0.73 | EHC0098 | 283693 | 4047924 | 74 | Pfgn |
| EC0006 | 2.75 | 3.48 | 0.73 | 0.70 | EHC0099 | 283693 | 4047925 | 74 | Pfgn |
| EC0006 | 3.48 | 4.00 | 0.52 | 0.34 | EHC0101 | 283694 | 4047926 | 75 | Pfgn |
| EC0006 | 4.00 | 4.78 | 0.78 | 0.51 | EHC0101 | 283694 | 4047926 | 75 | Pfgn |
| EC0006 | 4.78 | 5.07 | 0.29 | 0.19 | EHC0102 | 283694 | 4047927 | 75 | Pfgn |
| EC0006 | 5.07 | 5.47 | 0.40 | 0.26 | EHC0102 | 283694 | 4047927 | 75 | Pfgn |
| EC0006 | 5.47 | 6.51 | 1.04 | 0.85 | EHC0103 | 283694 | 4047928 | 75 | Pfgn |
| EC0006 | 6.51 | 7.03 | 0.52 | 0.48 | EHC0104 | 283695 | 4047928 | 75 | Pfgn |
| EC0006 | 7.03 | 7.51 | 0.48 | 0.46 | EHC0105 | 283695 | 4047929 | 75 | Pfgn |
| EC0006 | 7.51 | 8.53 | 1.02 | 0.96 | EHC0106 | 283696 | 4047929 | 75 | Pfgn |

| Channel ID | From | To | Channel Length (m) | Channel True Width | Sample ID | Easting | Northing | mRL | Lith |
|---|---|---|---|---|---|---|---|---|---|
| EC0006 | 8.53 | 9.38 | 0.85 | 0.84 | EHC0107 | 283696 | 4047929 | 75 | Pfgn |
| EC0006 | 9.38 | 10.33 | 0.95 | 0.94 | EHC0108 | 283697 | 4047930 | 75 | Pfgn |
| EC0006 | 10.33 | 10.57 | 0.24 | 0.22 | EHC0110 | 283698 | 4047930 | 75 | Kqz |
| EC0006 | 10.57 | 10.69 | 0.12 | 0.11 | EHC0110 | 283698 | 4047930 | 75 | Pfgn |
| EC0006 | 10.69 | 11.39 | 0.70 | 0.70 | EHC0111 | 283698 | 4047930 | 75 | Pfgn |
| EC0006 | 11.39 | 11.51 | 0.12 | 0.11 | EHC0112 | 283699 | 4047931 | 75 | Pfgn |
| EC0006 | 11.51 | 11.62 | 0.11 | 0.10 | EHC0112 | 283699 | 4047931 | 75 | Pfgn |
| EC0006 | 11.62 | 11.93 | 0.31 | 0.28 | EHC0112 | 283699 | 4047931 | 75 | Pfgn |
| EC0006 | 11.93 | 12.69 | 0.76 | 0.72 | EHC0113 | 283700 | 4047931 | 75 | Pfgn |
| EC0006 | 12.69 | 12.69 | 0.00 |  | EHC0113 | 283700 | 4047931 | 75 |  |
| EC0007 | 0.00 | 0.68 | 0.68 | 0.59 | EHC0114 | 283678 | 4047949 | 67 | Pfgn |
| EC0007 | 0.68 | 1.63 | 0.95 | 0.28 | EHC0115 | 283679 | 4047949 | 67 | Pfgn |
| EC0007 | 1.63 | 2.21 | 0.58 | 0.45 | EHC0116 | 283680 | 4047949 | 68 | Pfgn |
| EC0007 | 2.21 | 2.26 | 0.05 | 0.04 | EHC0117 | 283680 | 4047949 | 68 | Pfgn |
| EC0007 | 2.26 | 2.57 | 0.31 | 0.28 | EHC0117 | 283680 | 4047949 | 68 | Pfgn |
| EC0007 | 2.57 | 2.62 | 0.05 | 0.01 | EHC0117B | 283681 | 4047949 | 68 | NS |
| EC0007 | 2.62 | 2.75 | 0.13 | 0.03 | EHC0117 | 283681 | 4047949 | 68 | Pfgn |
| EC0007 | 2.75 | 2.80 | 0.05 | 0.01 | EHC0117 | 283681 | 4047949 | 68 | Kqz |
| EC0007 | 2.80 | 2.99 | 0.19 | 0.04 | EHC0117 | 283681 | 4047949 | 68 | Pfgn |
| EC0007 | 2.99 | 3.24 | 0.25 | 0.23 | EHC0117 | 283681 | 4047949 | 68 | Pfgn |
| EC0007 | 3.24 | 3.26 | 0.02 | 0.02 | EHC0118 | 283681 | 4047949 | 68 | Pfgn |
| EC0007 | 3.26 | 3.33 | 0.07 | 0.05 | EHC0118 | 283681 | 4047949 | 68 | Kqz |
| EC0007 | 3.33 | 3.54 | 0.21 | 0.16 | EHC0118 | 283681 | 4047949 | 68 | Pgrgn |
| EC0007 | 3.54 | 3.87 | 0.33 | 0.13 | EHC0118 | 283681 | 4047949 | 68 | Pgrgn |
| EC0007 | 3.87 | 4.07 | 0.20 | 0.19 | EHC0118 | 283682 | 4047949 | 69 | Pgrgn |
| EC0007 | 4.07 | 4.27 | 0.20 | 0.08 | EHC0118B | 283682 | 4047949 | 69 | NS |
| EC0007 | 4.27 | 4.72 | 0.45 | 0.39 | EHC0119 | 283682 | 4047949 | 68 | Pfgn |
| EC0007 | 4.72 | 5.20 | 0.48 | 0.03 | EHC0121 | 283682 | 4047949 | 68 | Pgrgn |
| EC0007 | 5.20 | 5.33 | 0.13 | 0.13 | EHC0122 | 283682 | 4047949 | 69 | Pgrgn |
| EC0007 | 5.33 | 5.48 | 0.15 | 0.00 | EHC0122 | 283683 | 4047949 | 69 | Pgrgn |
| EC0007 | 5.48 | 5.65 | 0.17 | 0.16 | EHC0122 | 283683 | 4047949 | 69 | Pgrgn |
| EC0007 | 5.65 | 5.90 | 0.25 | 0.18 | EHC0122 | 283683 | 4047949 | 69 | Pgrgn |
| EC0007 | 5.90 | 5.97 | 0.07 | 0.01 | EHC0123B | 283683 | 4047950 | 69 | NS |
| EC0007 | 5.97 | 6.12 | 0.15 | 0.13 | EHC0123 | 283683 | 4047950 | 69 | Pgn |
| EC0007 | 6.12 | 6.24 | 0.12 | 0.07 | EHC0123 | 283683 | 4047950 | 69 | Pgn |
| EC0007 | 6.24 | 6.44 | 0.20 | 0.20 | EHC0123 | 283683 | 4047950 | 69 | Pgn |
| EC0007 | 6.44 | 6.69 | 0.25 | 0.03 | EHC0123C | 283683 | 4047950 | 69 | NS |
| EC0007 | 6.69 | 7.00 | 0.31 | 0.25 | EHC0124 | 283683 | 4047950 | 69 | Pbgn |
| EC0007 | 7.00 | 7.60 | 0.60 | 0.45 | EHC0125 | 283684 | 4047950 | 69 | Pbgn |
| EC0007 | 7.60 | 8.34 | 0.74 | 0.74 | EHC0126 | 283684 | 4047950 | 68 | Pbgn |

| Channel ID | From | To | Channel Length (m) | Channel True Width | Sample ID | Easting | Northing | mRL | Lith |
|---|---|---|---|---|---|---|---|---|---|
| EC0007 | 8.34 | 8.64 | 0.30 | 0.16 | EHC0127 | 283685 | 4047950 | 68 | Pgn |
| EC0007 | 8.64 | 9.05 | 0.41 | 0.37 | EHC0127 | 283685 | 4047950 | 69 | Pgn |
| EC0007 | 9.05 | 9.96 | 0.91 | 0.60 | EHC0128 | 283685 | 4047950 | 69 | Pgn |
| EC0007 | 9.96 | 10.05 | 0.09 | 0.06 | EHC0128 | 283686 | 4047951 | 69 | Kqz |
| EC0007 | 10.05 | 10.48 | 0.43 | 0.42 | EHC0129 | 283686 | 4047951 | 69 | Pgn |
| EC0007 | 10.48 | 10.93 | 0.45 | 0.37 | EHC0129 | 283686 | 4047951 | 69 | Pgn |
| EC0007 | 10.93 | 11.07 | 0.14 | 0.14 | EHC0130 | 283686 | 4047951 | 69 | Pbgn |
| EC0007 | 11.07 | 11.57 | 0.50 | 0.02 | EHC0130 | 283687 | 4047951 | 69 | Pbgn |
| EC0007 | 11.57 | 11.81 | 0.24 | 0.23 | EHC0131 | 283687 | 4047952 | 69 | Pgn |
| EC0007 | 11.81 | 12.02 | 0.21 | 0.20 | EHC0131 | 283687 | 4047952 | 69 | FLZ |
| EC0007 | 12.02 | 12.19 | 0.17 | 0.14 | EHC0131 | 283687 | 4047952 | 69 | FLZ |
| EC0007 | 12.19 | 12.22 | 0.03 | 0.03 | EHC0131 | 283687 | 4047952 | 69 | Pfgn |
| EC0007 | 12.22 | 12.40 | 0.18 | 0.17 | EHC0131 | 283687 | 4047952 | 70 | Pfgn |
| EC0007 | 12.40 | 12.51 | 0.11 | 0.10 | EHC0131 | 283688 | 4047952 | 70 | Kqz |
| EC0007 | 12.51 | 13.05 | 0.54 | 0.50 | EHC0132 | 283688 | 4047952 | 70 | Pgrgn |
| EC0007 | 13.05 | 13.31 | 0.26 | 0.25 | EHC0134 | 283688 | 4047952 | 70 | Pgn |
| EC0007 | 13.31 | 13.51 | 0.20 | 0.19 | EHC0134 | 283688 | 4047952 | 70 | Pggn |
| EC0007 | 13.51 | 13.67 | 0.16 | 0.04 | EHC0134B | 283689 | 4047952 | 69 | NS |
| EC0007 | 13.67 | 14.11 | 0.44 | 0.38 | EHC0135 | 283689 | 4047952 | 70 | Pggn |
| EC0007 | 14.11 | 14.56 | 0.45 | 0.38 | EHC0135 | 283689 | 4047952 | 70 | Pgrgn |
| EC0007 | 14.56 | 15.07 | 0.51 | 0.43 | EHC0136 | 283690 | 4047952 | 70 | Pgrgn |
| EC0007 | 15.07 | 15.27 | 0.20 | 0.01 | EHC0136B | 283690 | 4047953 | 70 | NS |
| EC0007 | 15.27 | 15.62 | 0.35 | 0.30 | EHC0137 | 283690 | 4047953 | 70 | Pgrgn |
| EC0007 | 15.62 | 15.67 | 0.05 | 0.00 | EHC0138B | 283690 | 4047953 | 70 | NS |
| EC0007 | 15.67 | 15.74 | 0.07 | 0.06 | EHC0138 | 283690 | 4047953 | 70 | Kqz |
| EC0007 | 15.74 | 15.84 | 0.10 | 0.09 | EHC0138 | 283690 | 4047953 | 70 | Pgrgn |
| EC0007 | 15.84 | 16.01 | 0.17 | 0.15 | EHC0138 | 283691 | 4047953 | 70 | Kqz |
| EC0007 | 16.01 | 16.19 | 0.18 | 0.01 | EHC0138C | 283691 | 4047953 | 69 | NS |
| EC0007 | 16.19 | 16.86 | 0.67 | 0.59 | EHC0139 | 283691 | 4047953 | 69 | Pggn |
| EC0007 | 16.86 | 17.20 | 0.34 | 0.31 | EHC0141 | 283691 | 4047953 | 69 | Pggn |
| EC0007 | 17.20 | 17.50 | 0.30 | 0.30 | EHC0141 | 283692 | 4047953 | 69 | Pggn |
| EC0007 | 17.50 | 17.55 | 0.05 | 0.05 | EHC0141 | 283692 | 4047953 | 69 | Pggn |
| EC0007 | 17.55 | 18.46 | 0.91 | 0.83 | EHC0142 | 283692 | 4047953 | 69 | Pgn |
| EC0007 | 18.46 | 19.02 | 0.56 | 0.53 | EHC0143 | 283693 | 4047953 | 69 | Pgn |
| EC0007 | 19.02 | 19.02 | 0.00 | | EHC0143 | 283693 | 4047953 | 69 | |
| EC0008 | 0.00 | 1.00 | 1.00 | 0.67 | EHC0144 | 283681 | 4047981 | 64 | Pgn |
| EC0008 | 1.00 | 1.01 | | 0.00 | EHC0144B | 283682 | 4047982 | 64 | NS |
| EC0008 | 1.01 | 2.01 | 1.00 | 0.80 | EHC0145 | 283682 | 4047982 | 64 | Pgrgn |
| EC0008 | 2.01 | 2.28 | 0.27 | 0.22 | EHC0145 | 283683 | 4047982 | 64 | Pgrgn |
| EC0008 | 2.28 | 2.80 | 0.52 | 0.42 | EHC0147 | 283683 | 4047982 | 64 | Pgn |

| Channel ID | From | To | Channel Length (m) | Channel True Width | Sample ID | Easting | Northing | mRL | Lith |
|---|---|---|---|---|---|---|---|---|---|
| EC0008 | 2.80 | 3.09 | 0.29 | 0.04 | EHC0148B | 283684 | 4047982 | 64 | NS |
| EC0008 | 3.09 | 3.81 | 0.72 | 0.57 | EHC0148 | 283684 | 4047982 | 64 | Pggn |
| EC0008 | 3.81 | 3.98 | 0.17 | 0.13 | EHC0149 | 283684 | 4047983 | 64 | Pggn |
| EC0008 | 3.98 | 4.12 | 0.14 | 0.14 | EHC0149 | 283685 | 4047983 | 64 | Pggn |
| EC0008 | 4.12 | 4.32 | 0.20 | 0.06 | EHC0149 | 283685 | 4047983 | 64 | Pggn |
| EC0008 | 4.32 | 4.49 | 0.17 | 0.06 | EHC0150 | 283685 | 4047983 | 64 | Pgrgn |
| EC0008 | 4.49 | 4.83 | 0.34 | 0.11 | EHC0150 | 283685 | 4047983 | 64 | Pggn |
| EC0008 | 4.83 | 5.00 | 0.17 | 0.16 | EHC0151 | 283685 | 4047983 | 64 | Pgn |
| EC0008 | 5.00 | 5.13 | 0.13 | 0.04 | EHC0151 | 283685 | 4047983 | 64 | Pgn |
| EC0008 | 5.13 | 5.17 | 0.04 | 0.01 | EHC0151 | 283685 | 4047983 | 64 | Pgrgn |
| EC0008 | 5.17 | 5.27 | 0.09 | 0.04 | EHC0151B | 283685 | 4047983 | 64 | NS |
| EC0008 | 5.27 | 5.53 | 0.26 | 0.18 | EHC0152 | 283685 | 4047983 | 64 | Pgrgn |
| EC0008 | 5.53 | 5.87 | 0.34 | 0.28 | EHC0152 | 283686 | 4047984 | 64 | Pgrgn |
| EC0008 | 5.87 | 6.05 | 0.19 | 0.06 | EHC0152B | 283686 | 4047984 | 64 | NS |
| EC0008 | 6.05 | 7.01 | 0.96 | 0.87 | EHC0153 | 283686 | 4047984 | 64 | Pfgn |
| EC0008 | 7.01 | 7.01 | 0.00 |  | EHC0153 | 283687 | 4047984 | 64 |  |
| EC0009 | 0.00 | 0.60 | 0.60 | 0.50 | EHC0154 | 283681 | 4048019 | 63 | Pgn |
| EC0009 | 0.60 | 1.20 | 0.60 | 0.53 | EHC0155 | 283681 | 4048019 | 63 | Pgn |
| EC0009 | 1.20 | 1.27 | 0.06 | 0.02 | EHC0155B | 283682 | 4048019 | 63 | NS |
| EC0009 | 1.27 | 1.59 | 0.32 | 0.30 | EHC0156 | 283682 | 4048019 | 63 | Kqz |
| EC0009 | 1.59 | 2.17 | 0.58 | 0.55 | EHC0157 | 283682 | 4048019 | 63 | Pgn |
| EC0009 | 2.17 | 2.23 | 0.06 | 0.02 | EHC0158AB | 283683 | 4048019 | 63 | NS |
| EC0009 | 2.23 | 2.30 | 0.07 | 0.06 | EHC0158A | 283683 | 4048019 | 63 | Pgn |
| EC0009 | 2.30 | 2.37 | 0.07 | 0.06 | EHC0158A | 283683 | 4048019 | 63 | Pgrgn |
| EC0009 | 2.37 | 2.57 | 0.20 | 0.18 | EHC0158A | 283683 | 4048019 | 63 | Pgn |
| EC0009 | 2.57 | 2.74 | 0.17 | 0.16 | EHC0159 | 283683 | 4048019 | 63 | Pgn |
| EC0009 | 2.74 | 2.80 | 0.06 | 0.00 | EHC0159 | 283683 | 4048019 | 63 | NS |
| EC0009 | 2.80 | 2.92 | 0.12 | 0.11 | EHC0159 | 283683 | 4048019 | 63 | Pgn |
| EC0009 | 2.92 | 3.13 | 0.21 | 0.18 | EHC0159 | 283683 | 4048019 | 63 | Pgrgn |
| EC0009 | 3.13 | 3.23 | 0.10 | 0.02 | EHC0161 | 283683 | 4048019 | 63 | NS |
| EC0009 | 3.23 | 3.79 | 0.56 | 0.50 | EHC0161 | 283683 | 4048019 | 63 | Pgn |
| EC0009 | 3.79 | 4.24 | 0.45 | 0.11 | EHC0162 | 283684 | 4048019 | 63 | Pqzt |
| EC0009 | 4.24 | 4.53 | 0.29 | 0.25 | EHC0163 | 283684 | 4048019 | 63 | Pqzt |
| EC0009 | 4.53 | 4.88 | 0.35 | 0.32 | EHC0164 | 283685 | 4048019 | 63 | Pgrgn |
| EC0009 | 4.88 | 5.06 | 0.18 | 0.16 | EHC0164 | 283685 | 4048019 | 63 | Pgrgn |
| EC0009 | 5.06 | 5.10 | 0.04 | 0.04 | EHC0164 | 283685 | 4048019 | 63 | Pqzt |
| EC0009 | 5.10 | 5.27 | 0.17 | 0.16 | EHC0164 | 283685 | 4048019 | 63 | Pgrgn |
| EC0009 | 5.27 | 5.74 | 0.47 | 0.34 | EHC0166 | 283685 | 4048019 | 63 | Pgn |
| EC0009 | 5.74 | 6.14 | 0.40 | 0.19 | EHC0167 | 283686 | 4048019 | 63 | Pgn |
| EC0009 | 6.14 | 6.35 | 0.21 | 0.13 | EHC0167 | 283686 | 4048019 | 63 | Pgn |

| Channel ID | From | To | Channel Length (m) | Channel True Width | Sample ID | Easting | Northing | mRL | Lith |
|---|---|---|---|---|---|---|---|---|---|
| EC0009 | 6.35 | 6.55 | 0.20 | 0.20 | EHC0168 | 283686 | 4048019 | 63 | Pgn |
| EC0009 | 6.55 | 6.88 | 0.33 | 0.32 | EHC0168 | 283686 | 4048019 | 63 | Pfgn |
| EC0009 | 6.88 | 7.12 | 0.24 | 0.23 | EHC0168 | 283687 | 4048019 | 63 | Pgn |
| EC0009 | 7.12 | 7.31 | 0.19 | 0.19 | EHC0168 | 283687 | 4048019 | 63 | Pfgn |
| EC0009 | 7.31 | 7.38 | 0.07 | 0.02 | EHC0169 | 283687 | 4048019 | 63 | NS |
| EC0009 | 7.38 | 8.09 | 0.71 | 0.67 | EHC0169 | 283687 | 4048019 | 63 | Pfgn |
| EC0009 | 8.09 | 8.69 | 0.60 | 0.58 | EHC0170 | 283688 | 4048019 | 63 | Pgn |
| EC0009 | 8.69 | 8.82 | 0.13 | 0.12 | EHC0170 | 283688 | 4048019 | 63 | Pgn |
| EC0009 | 8.82 | 8.91 | 0.09 | 0.08 | EHC0170 | 283688 | 4048019 | 63 | Kqz |
| EC0009 | 8.91 | 9.04 | 0.13 | 0.12 | EHC0170 | 283688 | 4048019 | 63 | Pgn |
| EC0009 | 9.04 | 9.04 | 0.00 |  | EHC0170 | 283689 | 4048019 | 63 |  |
| EC0010 | 0.00 | 0.67 | 0.67 | 0.64 | EHC0171 | 283670 | 4048062 | 63 | Pgn |
| EC0010 | 0.67 | 1.02 | 0.35 | 0.33 | EHC0171 | 283671 | 4048062 | 63 | Pgn |
| EC0010 | 1.02 | 1.45 | 0.43 | 0.35 | EHC0172 | 283671 | 4048062 | 63 | Pgrgn |
| EC0010 | 1.45 | 1.48 | 0.03 | 0.03 | EHC0172 | 283671 | 4048062 | 63 | Pfgn |
| EC0010 | 1.48 | 1.72 | 0.24 | 0.22 | EHC0172 | 283671 | 4048062 | 63 | Pgrgn |
| EC0010 | 1.72 | 1.82 | 0.10 | 0.09 | EHC0172 | 283672 | 4048062 | 63 | Pgrgn |
| EC0010 | 1.82 | 1.97 | 0.15 | 0.14 | EHC0172 | 283672 | 4048062 | 63 | Pgrgn |
| EC0010 | 1.97 | 2.72 | 0.75 | 0.23 | EHC0173 | 283672 | 4048062 | 63 | Pqzt |
| EC0010 | 2.72 | 2.80 | 0.08 | 0.07 | EHC0174 | 283672 | 4048062 | 63 | Pgrgn |
| EC0010 | 2.80 | 2.94 | 0.14 | 0.13 | EHC0174 | 283672 | 4048062 | 63 | Pgn |
| EC0010 | 2.94 | 2.97 | 0.03 | 0.01 | EHC0174 | 283672 | 4048062 | 63 | Pgrgn |
| EC0010 | 2.97 | 3.19 | 0.22 | 0.06 | EHC0174 | 283672 | 4048062 | 63 | Pggn |
| EC0010 | 3.19 | 3.73 | 0.54 | 0.45 | EHC0175 | 283672 | 4048062 | 64 | Pgrgn |
| EC0010 | 3.73 | 3.90 | 0.17 | 0.10 | EHC0177 | 283673 | 4048063 | 64 | Pfgn |
| EC0010 | 3.90 | 4.17 | 0.27 | 0.24 | EHC0177 | 283673 | 4048063 | 64 | Pfgn |
| EC0010 | 4.17 | 4.25 | 0.08 | 0.06 | EHC0177 | 283673 | 4048063 | 64 | Pgrgn |
| EC0010 | 4.25 | 4.52 | 0.27 | 0.14 | EHC0178 | 283673 | 4048063 | 64 | NS |
| EC0010 | 4.52 | 4.76 | 0.24 | 0.24 | EHC0178 | 283673 | 4048063 | 64 | Kqz |
| EC0010 | 4.76 | 4.92 | 0.16 | 0.13 | EHC0179 | 283674 | 4048063 | 64 | Pgrgn |
| EC0010 | 4.92 | 4.96 | 0.04 | 0.03 | EHC0179 | 283674 | 4048063 | 64 | Kqz |
| EC0010 | 4.96 | 5.31 | 0.35 | 0.14 | EHC0181 | 283674 | 4048063 | 64 | NS |
| EC0010 | 5.31 | 5.54 | 0.23 | 0.23 | EHC0181 | 283674 | 4048063 | 64 | Pggn |
| EC0010 | 5.54 | 5.55 | 0.01 | 0.01 | EHC0182 | 283674 | 4048063 | 64 | Kqz |
| EC0010 | 5.55 | 5.63 | 0.08 | 0.08 | EHC0182 | 283674 | 4048063 | 64 | Pgrgn |
| EC0010 | 5.63 | 5.89 | 0.26 | 0.26 | EHC0182 | 283674 | 4048063 | 64 | Kqz |
| EC0010 | 5.89 | 5.99 | 0.10 | 0.10 | EHC0182 | 283675 | 4048063 | 64 | Pgrgn |
| EC0010 | 5.99 | 6.09 | 0.10 | 0.10 | EHC0182 | 283675 | 4048063 | 64 | Kqz |
| EC0010 | 6.09 | 6.18 | 0.09 | 0.09 | EHC0182 | 283675 | 4048063 | 64 | Pgrgn |
| EC0010 | 6.18 | 6.38 | 0.20 | 0.20 | EHC0183 | 283675 | 4048063 | 64 | Pgrgn |

| Channel ID | From | To | Channel Length (m) | Channel True Width | Sample ID | Easting | Northing | mRL | Lith |
|---|---|---|---|---|---|---|---|---|---|
| EC0010 | 6.38 | 6.40 | 0.02 | 0.02 | EHC0183 | 283675 | 4048063 | 63 | Pgn |
| EC0010 | 6.40 | 6.74 | 0.34 | 0.33 | EHC0184 | 283675 | 4048063 | 63 | Pgn |
| EC0010 | 6.74 | 6.84 | 0.10 | 0.09 | EHC0184 | 283675 | 4048063 | 63 | Pfgn |
| EC0010 | 6.84 | 7.11 | 0.27 | 0.24 | EHC0184 | 283675 | 4048063 | 63 | Pgn |
| EC0010 | 7.11 | 7.42 | 0.31 | 0.28 | EHC0184 | 283676 | 4048063 | 63 | Pgn |
| EC0010 | 7.42 | 7.42 | 0.00 | | EHC0184 | 283676 | 4048063 | 63 | |
| EC0011 | 0.00 | 0.30 | 0.30 | 0.29 | EHC0185 | 283659 | 4048093 | 62 | Pgn |
| EC0011 | 0.30 | 0.45 | 0.15 | 0.15 | EHC0185 | 283659 | 4048093 | 62 | Pfgn |
| EC0011 | 0.45 | 1.00 | 0.55 | 0.53 | EHC0185 | 283659 | 4048093 | 62 | Pgn |
| EC0011 | 1.00 | 1.07 | 0.07 | 0.07 | EHC0185B | 283660 | 4048093 | 62 | NS |
| EC0011 | 1.07 | 1.12 | 0.05 | 0.05 | EHC0186 | 283660 | 4048093 | 62 | Pgrgn |
| EC0011 | 1.12 | 1.32 | 0.20 | 0.19 | EHC0186 | 283660 | 4048093 | 62 | Pgn |
| EC0011 | 1.32 | 1.41 | 0.09 | 0.08 | EHC0186 | 283660 | 4048093 | 62 | Pfgn |
| EC0011 | 1.41 | 1.52 | 0.11 | 0.10 | EHC0186 | 283660 | 4048093 | 62 | Pgrgn |
| EC0011 | 1.52 | 1.62 | 0.10 | 0.01 | EHC0186B | 283660 | 4048093 | 62 | NS |
| EC0011 | 1.62 | 1.79 | 0.17 | 0.15 | EHC0187 | 283660 | 4048093 | 62 | Pggn |
| EC0011 | 1.79 | 1.93 | 0.14 | 0.12 | EHC0187 | 283660 | 4048093 | 62 | Pgn |
| EC0011 | 1.93 | 1.96 | 0.03 | 0.03 | EHC0187 | 283660 | 4048093 | 62 | Pgrgn |
| EC0011 | 1.96 | 2.05 | 0.09 | 0.08 | EHC0187 | 283660 | 4048093 | 62 | Pggn |
| EC0011 | 2.05 | 2.33 | 0.28 | 0.15 | EHC0187B | 283660 | 4048093 | 62 | NS |
| EC0011 | 2.33 | 2.53 | 0.20 | 0.17 | EHC0188 | 283660 | 4048093 | 62 | Pgn |
| EC0011 | 2.53 | 3.33 | 0.80 | 0.76 | EHC0188 | 283661 | 4048093 | 62 | Kpor |
| EC0011 | 3.33 | 3.82 | 0.49 | 0.44 | EHC0189 | 283661 | 4048094 | 62 | Kpor |
| EC0011 | 3.82 | 3.98 | 0.16 | 0.16 | EHC0189 | 283662 | 4048094 | 62 | Kpor |
| EC0011 | 3.98 | 4.45 | 0.47 | 0.44 | EHC0190 | 283662 | 4048094 | 62 | Kpor |
| EC0011 | 4.45 | 4.69 | 0.24 | 0.22 | EHC0190 | 283662 | 4048094 | 62 | Kpor |
| EC0011 | 4.69 | 4.74 | 0.05 | 0.05 | EHC0190 | 283663 | 4048094 | 62 | Pgn |
| EC0011 | 4.74 | 4.86 | 0.12 | 0.02 | EHC0190B | 283663 | 4048094 | 62 | NS |
| EC0011 | 4.86 | 4.97 | 0.11 | 0.10 | EHC0191 | 283663 | 4048094 | 62 | Pgn |
| EC0011 | 4.97 | 5.18 | 0.21 | 0.18 | EHC0191 | 283663 | 4048095 | 62 | Pgrgn |
| EC0011 | 5.18 | 5.32 | 0.14 | 0.00 | EHC0191B | 283663 | 4048095 | 62 | NS |
| EC0011 | 5.32 | 5.50 | 0.18 | 0.17 | EHC0193 | 283663 | 4048095 | 62 | Kqz |
| EC0011 | 5.50 | 5.53 | 0.03 | 0.03 | EHC0193 | 283663 | 4048095 | 62 | Pgrgn |
| EC0011 | 5.53 | 5.83 | 0.30 | 0.29 | EHC0193 | 283663 | 4048095 | 62 | Pgn |
| EC0011 | 5.83 | 6.22 | 0.39 | 0.31 | EHC0193 | 283663 | 4048095 | 62 | Pgn |
| EC0011 | 6.22 | 6.28 | 0.06 | 0.03 | EHC0193B | 283664 | 4048095 | 62 | NS |
| EC0011 | 6.28 | 6.46 | 0.18 | 0.02 | EHC0194 | 283664 | 4048095 | 62 | Pgn |
| EC0011 | 6.46 | 6.59 | 0.13 | 0.12 | EHC0194 | 283664 | 4048095 | 62 | Pgn |
| EC0011 | 6.59 | 6.61 | 0.02 | 0.02 | EHC0194 | 283664 | 4048095 | 62 | Pgn |
| EC0011 | 6.61 | 6.74 | 0.13 | 0.11 | EHC0194 | 283664 | 4048095 | 62 | Pgn |

| Channel ID | From | To | Channel Length (m) | Channel True Width | Sample ID | Easting | Northing | mRL | Lith |
|---|---|---|---|---|---|---|---|---|---|
| EC0011 | 6.74 | 6.92 | 0.18 | 0.16 | EHC0194 | 283664 | 4048095 | 62 | Pgn |
| EC0011 | 6.92 | 7.14 | 0.22 | 0.19 | EHC0194 | 283664 | 4048095 | 61 | Pgn |
| EC0011 | 7.14 | 8.14 | 1.00 | 0.82 | EHC0195 | 283664 | 4048096 | 61 | Pgn |
| EC0011 | 8.14 | 8.21 | 0.07 | 0.04 | EHC0195B | 283665 | 4048096 | 61 | NS |
| EC0011 | 8.21 | 8.93 | 0.72 | 0.58 | EHC0196 | 283665 | 4048096 | 61 | Pgn |
| EC0011 | 8.93 | 8.99 | 0.06 | 0.04 | EHC0197 | 283666 | 4048096 | 61 | Psct |
| EC0011 | 8.99 | 9.70 | 0.71 | 0.25 | EHC0197 | 283666 | 4048096 | 61 | Psct |
| EC0011 | 9.70 | 9.93 | 0.23 | 0.13 | EHC0197 | 283666 | 4048097 | 62 | Psct |
| EC0011 | 9.93 | 10.04 | 0.11 | 0.07 | EHC0198 | 283667 | 4048097 | 62 | Kqz |
| EC0011 | 10.04 | 10.51 | 0.47 | 0.33 | EHC0198 | 283667 | 4048097 | 62 | Kqz |
| EC0011 | 10.51 | 10.60 | 0.09 | 0.09 | EHC0199 | 283667 | 4048097 | 61 | Psct |
| EC0011 | 10.60 | 10.70 | 0.10 | 0.10 | EHC0199 | 283667 | 4048097 | 61 | Kqz |
| EC0011 | 10.70 | 11.21 | 0.51 | 0.48 | EHC0199 | 283667 | 4048097 | 61 | Psct |
| EC0011 | 11.21 | 11.30 | 0.09 | 0.04 | EHC0199B | 283668 | 4048097 | 61 | NS |
| EC0011 | 11.30 | 11.51 | 0.21 | 0.09 | EHC0201 | 283668 | 4048097 | 61 | Pgn |
| EC0011 | 11.51 | 12.23 | 0.72 | 0.57 | EHC0201 | 283668 | 4048097 | 61 | Pgn |
| EC0011 | 12.23 | 12.23 | 0.00 | | EHC0201 | 283668 | 4048097 | 61 | |
| EC0012 | 0.00 | 0.12 | 0.12 | 0.10 | EHC0202 | 283660 | 4048091 | 62 | Pgrgn |
| EC0012 | 0.12 | 0.12 | 0.00 | | EHC0202 | 283660 | 4048091 | 62 | |

## Appendix 4: Channel Sample Assay results

| Sample ID | Sample type | Channel Number | From (m) | To (m) | TGC% | TC% | TCC% | TOC% | S% |
|---|---|---|---|---|---|---|---|---|---|
| EHC0080 | Channel | EC0005 | 0.00 | 0.62 | 0.6 | 0.8 | 0.1 | 0.1 | <0.1 |
| EHC0081 | Channel | EC0005 | 0.62 | 1.62 | 3.6 | 3.8 | 0.2 | <0.1 | <0.1 |
| EHC0082 | Channel | EC0005 | 1.62 | 2.12 | 3.0 | 3.2 | 0.1 | 0.1 | <0.1 |
| EHC0083 | Channel | EC0005 | 2.12 | 2.57 | 2.0 | 2.0 | <0.1 | <0.1 | <0.1 |
| EHC0084 | Channel | EC0005 | 2.57 | 3.52 | 3.4 | 3.7 | 0.3 | <0.1 | <0.1 |
| EHC0085 | Channel | EC0005 | 3.52 | 4.59 | 3.3 | 3.8 | 0.3 | 0.2 | <0.1 |
| EHC0086 | Channel | EC0005 | 4.59 | 5.77 | 1.9 | 2.4 | 0.2 | 0.3 | <0.1 |
| EHC0087 | Channel | EC0005 | 5.77 | 6.17 | 0.4 | 0.5 | 0.1 | <0.1 | <0.1 |
| EHC0088 | Channel | EC0005 | 6.17 | 6.62 | 2.3 | 2.5 | 0.2 | <0.1 | <0.1 |
| EHC0089 | Channel | EC0005 | 6.62 | 6.97 | 4.0 | 4.0 | <0.1 | <0.1 | <0.1 |
| EHC0090 | Channel | EC0005 | 6.97 | 7.54 | 3.4 | 3.6 | 0.2 | <0.1 | <0.1 |
| EHC0092 | Channel | EC0005 | 7.54 | 8.29 | 2.9 | 3.2 | 0.2 | 0.1 | <0.1 |
| EHC0093 | Channel | EC0005 | 8.29 | 9.54 | 2.9 | 3.2 | 0.3 | <0.1 | <0.1 |
| EHC0094 | Channel | EC0005 | 9.54 | 10.74 | 0.7 | 0.8 | 0.1 | <0.1 | <0.1 |
| EHC0114 | Channel | EC0007 | 0.00 | 0.68 | 0.6 | 0.8 | 0.1 | 0.1 | <0.1 |
| EHC0115 | Channel | EC0007 | 0.68 | 1.63 | 1.5 | 1.9 | 0.2 | 0.2 | <0.1 |
| EHC0116 | Channel | EC0007 | 1.63 | 2.21 | 3.2 | 3.5 | 0.3 | <0.1 | <0.1 |
| EHC0117 | Channel | EC0007 | 2.21 | 3.24 | 0.4 | 0.5 | <0.1 | 0.1 | <0.1 |
| EHC0118 | Channel | EC0007 | 3.24 | 4.07 | 3.2 | 3.4 | 0.2 | <0.1 | <0.1 |
| EHC0119 | Channel | EC0007 | 4.27 | 4.72 | 0.3 | 0.5 | 0.1 | 0.1 | <0.1 |
| EHC0121 | Channel | EC0007 | 4.72 | 5.20 | 5.0 | 5.2 | 0.2 | <0.1 | <0.1 |

| Sample ID | Sample type | Channel Number | From (m) | To (m) | TGC% | TC% | TCC% | TOC% | S% |
|---|---|---|---|---|---|---|---|---|---|
| EHC0122 | Channel | EC0007 | 5.20 | 5.90 | 5.1 | 5.3 | 0.2 | <0.1 | <0.1 |
| EHC0123 | Channel | EC0007 | 5.97 | 6.44 | 2.8 | 3.0 | 0.2 | <0.1 | 0.1 |
| EHC0124 | Channel | EC0007 | 6.69 | 7.00 | 1.5 | 1.6 | 0.1 | <0.1 | <0.1 |
| EHC0125 | Channel | EC0007 | 7.00 | 7.60 | 0.9 | 1.1 | 0.1 | 0.1 | <0.1 |
| EHC0126 | Channel | EC0007 | 7.60 | 8.34 | 0.9 | 1.1 | 0.1 | 0.1 | <0.1 |
| EHC0127 | Channel | EC0007 | 8.34 | 9.05 | 0.8 | 0.9 | 0.1 | <0.1 | <0.1 |
| EHC0128 | Channel | EC0007 | 9.05 | 10.05 | 0.5 | 0.7 | 0.1 | 0.1 | <0.1 |
| EHC0129 | Channel | EC0007 | 10.05 | 10.93 | 0.6 | 0.8 | 0.1 | 0.1 | <0.1 |
| EHC0130 | Channel | EC0007 | 10.93 | 11.57 | 0.4 | 0.5 | 0.1 | <0.1 | 0.1 |
| EHC0131 | Channel | EC0007 | 11.57 | 12.51 | 2.6 | 2.7 | 0.1 | <0.1 | <0.1 |
| EHC0132 | Channel | EC0007 | 12.51 | 13.05 | 6.4 | 6.7 | <0.1 | 0.3 | <0.1 |
| EHC0134 | Channel | EC0007 | 13.05 | 13.51 | 2.2 | 2.4 | 0.2 | <0.1 | <0.1 |
| EHC0135 | Channel | EC0007 | 13.67 | 14.56 | 4.8 | 4.9 | 0.1 | <0.1 | <0.1 |
| EHC0136 | Channel | EC0007 | 14.56 | 15.07 | 5.0 | 5.2 | 0.2 | <0.1 | 0.1 |
| EHC0137 | Channel | EC0007 | 15.27 | 15.62 | 7.6 | 7.6 | <0.1 | <0.1 | <0.1 |
| EHC0138 | Channel | EC0007 | 15.67 | 16.01 | 1.5 | 1.7 | <0.1 | 0.2 | <0.1 |
| EHC0139 | Channel | EC0007 | 16.19 | 16.86 | 1.9 | 2.2 | <0.1 | 0.3 | <0.1 |
| EHC0141 | Channel | EC0007 | 16.86 | 17.55 | 2.6 | 2.9 | <0.1 | 0.3 | <0.1 |
| EHC0142 | Channel | EC0007 | 17.55 | 18.46 | 1.2 | 1.4 | <0.1 | 0.2 | <0.1 |
| EHC0143 | Channel | EC0007 | 18.46 | 19.02 | 0.4 | 0.5 | <0.1 | 0.1 | <0.1 |
| EHC0154 | Channel | EC0009 | 0.00 | 0.60 | 0.5 | 0.7 | <0.1 | 0.2 | <0.1 |
| EHC0155 | Channel | EC0009 | 0.60 | 1.20 | 0.5 | 0.7 | <0.1 | 0.2 | <0.1 |
| EHC0156 | Channel | EC0009 | 1.27 | 1.59 | 0.1 | 0.1 | <0.1 | <0.1 | <0.1 |
| EHC0157 | Channel | EC0009 | 1.59 | 2.17 | 1.0 | 1.2 | <0.1 | 0.2 | <0.1 |
| EHC0158A | Channel | EC0009 | 2.23 | 2.57 | 2.8 | 3.4 | 0.1 | 0.5 | <0.1 |
| EHC0159 | Channel | EC0009 | 2.57 | 3.13 | 0.9 | 1.2 | <0.1 | 0.2 | <0.1 |
| EHC0161 | Channel | EC0009 | 3.13 | 3.79 | 0.2 | 0.3 | <0.1 | 0.1 | <0.1 |
| EHC0162 | Channel | EC0009 | 3.79 | 4.24 | 0.5 | 0.7 | <0.1 | 0.2 | <0.1 |
| EHC0163 | Channel | EC0009 | 4.24 | 4.53 | 0.4 | 0.7 | <0.1 | 0.3 | <0.1 |
| EHC0164 | Channel | EC0009 | 4.53 | 5.27 | 2.7 | 3.2 | 0.2 | 0.3 | <0.1 |
| EHC0166 | Channel | EC0009 | 5.27 | 5.74 | 0.1 | 0.3 | <0.1 | 0.2 | <0.1 |
| EHC0167 | Channel | EC0009 | 5.74 | 6.35 | 0.3 | 0.5 | <0.1 | 0.2 | <0.1 |
| EHC0168 | Channel | EC0009 | 6.35 | 7.31 | 0.3 | 0.6 | 0.1 | 0.2 | <0.1 |
| EHC0169 | Channel | EC0009 | 7.31 | 8.09 | 0.1 | 0.3 | 0.1 | 0.1 | <0.1 |
| EHC0170 | Channel | EC0009 | 8.09 | 9.04 | 0.5 | 0.8 | 0.1 | 0.2 | <0.1 |
| EHC0171 | Channel | EC0010 | 0.00 | 1.02 | 1.6 | 1.9 | 0.2 | <0.1 | <0.1 |
| EHC0172 | Channel | EC0010 | 1.02 | 1.97 | 2.0 | 2.3 | 0.2 | 0.1 | <0.1 |
| EHC0173 | Channel | EC0010 | 1.97 | 2.72 | 0.9 | 1.1 | <0.1 | 0.2 | <0.1 |
| EHC0174 | Channel | EC0010 | 2.72 | 3.19 | 3.0 | 3.3 | 0.2 | 0.1 | <0.1 |
| EHC0175 | Channel | EC0010 | 3.19 | 3.73 | 5.5 | 5.8 | 0.2 | <0.1 | <0.1 |
| EHC0177 | Channel | EC0010 | 3.73 | 4.25 | 1.7 | 1.9 | <0.1 | 0.1 | <0.1 |
| EHC0178 | Channel | EC0010 | 4.25 | 4.76 | 0.3 | 0.6 | 0.1 | 0.2 | <0.1 |
| EHC0179 | Channel | EC0010 | 4.76 | 4.96 | 2.7 | 3.1 | 0.2 | 0.2 | <0.1 |
| EHC0181 | Channel | EC0010 | 4.96 | 5.54 | 2.6 | 3.0 | 0.2 | 0.2 | <0.1 |
| EHC0182 | Channel | EC0010 | 5.54 | 6.18 | 1.5 | 1.8 | 0.1 | 0.2 | <0.1 |
| EHC0183 | Channel | EC0010 | 6.18 | 6.40 | 4.3 | 4.5 | <0.1 | 0.1 | <0.1 |
| EHC0184 | Channel | EC0010 | 6.40 | 7.42 | 0.4 | 0.7 | 0.2 | 0.1 | <0.1 |

**Appendix 4 cont.: Eunha Roadhouse Channel Sampling Assays cont.**

| Sample ID | Al % | As % | Ba % | Ca % | Cl % | Co % | Cr % | Cu % | Fe % | K % | Mg% | Mn % | Mo % | Na% | Nb % | Ni % | P % | Pb % | S % | Sb % | Si % | Sn % | Sr % | Ta % | Ti % | V % | W % | Zn % | Zr % |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| EHC0080 | 9.44 | <0.001 | 0.088 | 0.021 | 0.004 | 0.004 | 0.005 | 0.006 | 4.83 | 2.989 | 0.231 | 0.068 | <0.001 | 0.060 | <0.001 | 0.006 | 0.095 | 0.005 | 0.021 | <0.001 | 29.89 | <0.001 | <0.001 | <0.001 | 0.466 | 0.015 | <0.001 | 0.011 | 0.017 |
| EHC0081 | 8.39 | <0.001 | 0.131 | 0.032 | 0.010 | 0.003 | 0.012 | 0.006 | 6.74 | 3.206 | 0.302 | 0.031 | 0.001 | 0.109 | <0.001 | 0.011 | 0.134 | 0.007 | 0.025 | <0.001 | 27.75 | <0.001 | 0.016 | <0.001 | 0.556 | 0.026 | 0.002 | 0.025 | 0.030 |
| EHC0082 | 5.92 | <0.001 | 0.139 | 0.025 | 0.010 | 0.002 | 0.010 | 0.005 | 3.98 | 2.316 | 0.434 | 0.042 | 0.001 | 0.083 | <0.001 | 0.009 | 0.121 | 0.007 | 0.018 | <0.001 | 33.41 | <0.001 | 0.018 | <0.001 | 0.460 | 0.016 | 0.002 | 0.020 | 0.018 |
| EHC0083 | 4.98 | <0.001 | 0.130 | 0.042 | 0.001 | 0.002 | 0.006 | 0.005 | 3.50 | 2.442 | 0.318 | 0.016 | <0.001 | 0.162 | <0.001 | 0.009 | 0.130 | 0.005 | 0.016 | <0.001 | 35.54 | <0.001 | 0.012 | <0.001 | 0.282 | 0.013 | <0.001 | 0.011 | 0.007 |
| EHC0084 | 6.71 | 0.002 | 0.098 | 0.025 | 0.004 | 0.001 | 0.011 | 0.004 | 7.34 | 2.547 | 0.331 | 0.009 | <0.001 | 0.035 | <0.001 | 0.006 | 0.284 | 0.004 | 0.042 | <0.001 | 29.70 | <0.001 | 0.003 | <0.001 | 0.457 | 0.025 | 0.002 | 0.015 | 0.015 |
| EHC0085 | 8.93 | <0.001 | 0.157 | 0.036 | 0.009 | 0.004 | 0.010 | 0.018 | 8.14 | 2.262 | 0.557 | 0.032 | <0.001 | 0.080 | <0.001 | 0.022 | 0.262 | 0.005 | 0.026 | <0.001 | 25.90 | <0.001 | 0.014 | <0.001 | 0.557 | 0.023 | <0.001 | 0.035 | 0.019 |
| EHC0086 | 7.59 | 0.002 | 0.086 | 0.051 | 0.012 | 0.002 | 0.008 | 0.011 | 6.04 | 2.558 | 0.584 | 0.018 | 0.001 | 0.055 | <0.001 | 0.010 | 0.189 | 0.003 | 0.025 | <0.001 | 30.05 | <0.001 | 0.006 | <0.001 | 0.407 | 0.019 | <0.001 | 0.017 | 0.014 |
| EHC0087 | 1.42 | <0.001 | 0.012 | 0.005 | 0.007 | <0.001 | 0.001 | 0.002 | 1.46 | 0.604 | 0.081 | 0.010 | <0.001 | 0.026 | <0.001 | 0.002 | 0.019 | <0.001 | 0.005 | 0.002 | 43.33 | <0.001 | <0.001 | <0.001 | 0.062 | 0.010 | <0.001 | <0.001 | <0.001 |
| EHC0088 | 5.63 | <0.001 | 0.077 | 0.020 | 0.006 | <0.001 | 0.009 | 0.005 | 2.81 | 2.322 | 0.309 | 0.011 | <0.001 | 0.068 | 0.001 | 0.005 | 0.079 | 0.004 | 0.020 | <0.001 | 35.45 | <0.001 | <0.001 | <0.001 | 0.357 | 0.020 | <0.001 | 0.005 | 0.011 |
| EHC0089 | 8.37 | <0.001 | 0.121 | 0.017 | 0.006 | 0.001 | 0.015 | 0.004 | 3.32 | 3.799 | 0.555 | 0.017 | <0.001 | 0.092 | <0.001 | 0.006 | 0.088 | 0.004 | 0.024 | 0.002 | 30.34 | <0.001 | 0.003 | <0.001 | 0.544 | 0.030 | 0.002 | 0.007 | 0.018 |
| EHC0090 | 8.08 | 0.001 | 0.094 | 0.027 | 0.005 | 0.002 | 0.029 | 0.006 | 5.35 | 3.274 | 0.578 | 0.018 | <0.001 | 0.068 | <0.001 | 0.005 | 0.130 | 0.004 | 0.046 | <0.001 | 29.43 | <0.001 | 0.003 | <0.001 | 0.550 | 0.027 | <0.001 | 0.009 | 0.020 |
| EHC0092 | 8.78 | 0.001 | 0.108 | 0.427 | 0.010 | 0.003 | 0.011 | 0.016 | 6.59 | 3.217 | 0.593 | 0.032 | <0.001 | 0.082 | <0.001 | 0.011 | 0.162 | 0.004 | 0.032 | <0.001 | 27.42 | <0.001 | 0.022 | <0.001 | 0.539 | 0.023 | <0.001 | 0.016 | 0.020 |
| EHC0093 | 8.15 | <0.001 | 0.107 | 0.063 | 0.022 | 0.002 | 0.013 | 0.007 | 3.81 | 4.707 | 0.409 | 0.013 | <0.001 | 0.150 | <0.001 | 0.006 | 0.091 | 0.005 | 0.018 | <0.001 | 30.12 | <0.001 | 0.010 | <0.001 | 0.571 | 0.022 | <0.001 | 0.008 | 0.020 |
| EHC0094 | 9.28 | <0.001 | 0.146 | 8.034 | 0.007 | 0.003 | 0.005 | 0.005 | 3.93 | 4.446 | 0.212 | 0.119 | <0.001 | 0.287 | <0.001 | 0.006 | 0.176 | 0.002 | 0.006 | 0.005 | 25.62 | <0.001 | 0.026 | <0.001 | 0.364 | 0.010 | <0.001 | 0.014 | 0.017 |
| EHC0114 | 10.75 | <0.001 | 0.083 | 0.101 | 0.009 | 0.004 | 0.005 | 0.014 | 8.64 | 1.821 | 2.376 | 0.265 | <0.001 | 0.071 | <0.001 | 0.015 | 0.068 | 0.007 | 0.018 | <0.001 | 23.38 | <0.001 | <0.001 | <0.001 | 0.742 | 0.033 | 0.002 | 0.024 | 0.026 |
| EHC0115 | 10.59 | <0.001 | 0.059 | 0.064 | 0.008 | 0.004 | 0.009 | 0.022 | 9.37 | 1.572 | 1.292 | 0.128 | <0.001 | 0.052 | <0.001 | 0.018 | 0.113 | 0.006 | 0.043 | 0.002 | 23.56 | <0.001 | 0.004 | <0.001 | 0.547 | 0.039 | <0.001 | 0.028 | 0.021 |
| EHC0116 | 8.11 | <0.001 | 0.103 | 0.086 | 0.007 | 0.004 | 0.011 | 0.017 | 10.36 | 2.340 | 0.526 | 0.728 | <0.001 | 0.062 | <0.001 | 0.013 | 0.195 | 0.005 | 0.043 | <0.001 | 25.20 | <0.001 | 0.010 | <0.001 | 0.473 | 0.046 | <0.001 | 0.027 | 0.017 |

| Sample ID | Al % | As % | Ba % | Ca % | Cl % | Co % | Cr % | Cu % | Fe % | K % | Mg% | Mn % | Mo % | Na% | Nb % | Ni % | P % | Pb % | S % | Sb % | Si % | Sn % | Sr % | Ta % | Ti % | V % | W % | Zn % | Zr % |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| EHC0117 | 7.20 | <0.001 | 0.095 | 0.028 | 0.006 | 0.003 | 0.004 | 0.015 | 5.68 | 2.796 | 0.411 | 0.066 | <0.001 | 0.071 | <0.001 | 0.006 | 0.108 | 0.006 | 0.027 | <0.001 | 31.89 | <0.001 | 0.010 | <0.001 | 0.357 | 0.020 | 0.003 | 0.017 | 0.018 |
| EHC0118 | 7.55 | <0.001 | 0.072 | 0.028 | 0.007 | 0.002 | 0.017 | 0.012 | 5.61 | 2.587 | 0.386 | 0.036 | <0.001 | 0.065 | <0.001 | 0.008 | 0.110 | 0.006 | 0.027 | <0.001 | 30.31 | <0.001 | <0.001 | <0.001 | 0.476 | 0.030 | <0.001 | 0.010 | 0.017 |
| EHC0119 | 9.48 | <0.001 | 0.155 | 0.034 | 0.008 | 0.001 | 0.011 | 0.013 | 3.66 | 4.042 | 0.378 | 0.049 | <0.001 | 0.138 | <0.001 | 0.010 | 0.089 | 0.012 | 0.027 | <0.001 | 30.23 | <0.001 | 0.018 | <0.001 | 0.378 | 0.015 | <0.001 | 0.011 | 0.027 |
| EHC0121 | 8.65 | <0.001 | 0.118 | 0.031 | 0.010 | <0.001 | 0.010 | 0.009 | 4.24 | 3.456 | 0.330 | 0.023 | <0.001 | 0.097 | <0.001 | 0.007 | 0.091 | 0.009 | 0.030 | <0.001 | 28.81 | <0.001 | 0.009 | <0.001 | 0.582 | 0.033 | <0.001 | 0.010 | 0.022 |
| EHC0122 | 8.48 | <0.001 | 0.111 | 0.069 | 0.008 | 0.002 | 0.013 | 0.003 | 3.01 | 3.466 | 0.425 | 0.041 | <0.001 | 0.086 | 0.001 | 0.004 | 0.061 | 0.006 | 0.015 | <0.001 | 29.91 | <0.001 | 0.007 | <0.001 | 0.601 | 0.030 | 0.003 | 0.008 | 0.022 |
| EHC0123 | 10.19 | <0.001 | 0.113 | 0.130 | 0.012 | 0.004 | 0.009 | 0.013 | 9.14 | 2.270 | 0.840 | 0.207 | <0.001 | 0.071 | <0.001 | 0.019 | 0.127 | 0.004 | 0.053 | 0.002 | 24.14 | <0.001 | 0.018 | <0.001 | 0.782 | 0.031 | 0.002 | 0.042 | 0.022 |
| EHC0124 | 9.30 | <0.001 | 0.093 | 2.880 | 0.011 | 0.004 | 0.004 | 0.006 | 5.71 | 1.145 | 0.293 | 0.163 | <0.001 | 0.057 | <0.001 | 0.015 | 0.123 | 0.005 | 0.025 | <0.001 | 28.33 | <0.001 | 0.089 | <0.001 | 0.548 | 0.014 | 0.002 | 0.028 | 0.026 |
| EHC0125 | 10.46 | <0.001 | 0.115 | 0.036 | 0.013 | 0.004 | 0.004 | 0.007 | 6.36 | 3.211 | 0.461 | 0.140 | <0.001 | 0.091 | <0.001 | 0.011 | 0.069 | 0.005 | 0.019 | <0.001 | 27.04 | <0.001 | 0.008 | <0.001 | 0.612 | 0.017 | 0.002 | 0.023 | 0.024 |
| EHC0126 | 11.84 | <0.001 | 0.130 | 0.023 | 0.008 | 0.004 | 0.007 | 0.009 | 7.21 | 3.138 | 0.297 | 0.203 | <0.001 | 0.087 | <0.001 | 0.019 | 0.058 | 0.006 | 0.009 | <0.001 | 24.94 | <0.001 | 0.003 | <0.001 | 0.668 | 0.014 | 0.002 | 0.018 | 0.027 |
| EHC0127 | 8.91 | <0.001 | 0.134 | 0.029 | 0.009 | 0.003 | 0.010 | 0.005 | 5.51 | 3.345 | 0.270 | 0.172 | <0.001 | 0.090 | <0.001 | 0.017 | 0.061 | 0.004 | 0.008 | 0.002 | 29.57 | <0.001 | 0.006 | <0.001 | 0.502 | 0.012 | 0.002 | 0.013 | 0.020 |
| EHC0128 | 8.35 | <0.001 | 0.097 | 0.038 | 0.005 | 0.003 | 0.005 | 0.006 | 4.82 | 3.500 | 0.385 | 0.159 | <0.001 | 0.095 | <0.001 | 0.009 | 0.070 | 0.004 | 0.014 | <0.001 | 30.78 | <0.001 | 0.010 | <0.001 | 0.427 | 0.012 | <0.001 | 0.021 | 0.018 |
| EHC0129 | 9.07 | <0.001 | 0.132 | 0.134 | 0.003 | 0.005 | 0.003 | 0.007 | 6.15 | 3.602 | 0.587 | 0.233 | <0.001 | 0.119 | <0.001 | 0.016 | 0.106 | 0.005 | 0.025 | <0.001 | 28.14 | <0.001 | 0.014 | <0.001 | 0.441 | 0.016 | <0.001 | 0.040 | 0.017 |
| EHC0130 | 8.54 | <0.001 | 0.140 | 0.069 | 0.010 | 0.004 | 0.007 | 0.079 | 8.26 | 2.980 | 0.443 | 0.070 | <0.001 | 0.084 | <0.001 | 0.019 | 0.149 | 0.005 | 0.086 | 0.003 | 27.77 | <0.001 | 0.012 | <0.001 | 0.389 | 0.025 | 0.002 | 0.035 | 0.014 |
| EHC0131 | 7.77 | <0.001 | 0.167 | 0.059 | 0.007 | 0.002 | 0.008 | 0.007 | 4.59 | 3.837 | 0.309 | 0.102 | <0.001 | 0.118 | <0.001 | 0.006 | 0.110 | 0.007 | 0.021 | <0.001 | 30.53 | <0.001 | 0.017 | <0.001 | 0.354 | 0.030 | <0.001 | 0.020 | 0.014 |
| EHC0132 | 6.97 | <0.001 | 0.159 | 0.032 | 0.006 | 0.003 | 0.011 | 0.003 | 3.64 | 3.728 | 0.266 | 0.074 | <0.001 | 0.118 | <0.001 | 0.005 | 0.055 | 0.008 | 0.022 | <0.001 | 30.37 | <0.001 | 0.016 | <0.001 | 0.518 | 0.035 | 0.002 | 0.007 | 0.024 |
| EHC0134 | 8.40 | 0.001 | 0.107 | 0.042 | 0.013 | 0.001 | 0.011 | 0.007 | 6.28 | 3.241 | 0.508 | 0.033 | <0.001 | 0.067 | 0.001 | 0.005 | 0.112 | 0.003 | 0.021 | <0.001 | 28.96 | <0.001 | 0.008 | <0.001 | 0.445 | 0.032 | <0.001 | 0.012 | 0.025 |
| EHC0135 | 7.98 | <0.001 | 0.242 | 0.058 | 0.009 | 0.003 | 0.011 | 0.009 | 5.47 | 4.267 | 0.359 | 0.152 | <0.001 | 0.132 | 0.002 | 0.008 | 0.167 | 0.009 | 0.019 | <0.001 | 28.21 | <0.001 | 0.030 | <0.001 | 0.590 | 0.053 | <0.001 | 0.011 | 0.022 |
| EHC0136 | 7.43 | 0.003 | 0.215 | 0.026 | 0.007 | 0.002 | 0.013 | 0.004 | 6.51 | 3.343 | 0.379 | 0.083 | <0.001 | 0.081 | <0.001 | 0.006 | 0.179 | 0.006 | 0.058 | <0.001 | 28.61 | <0.001 | 0.003 | <0.001 | 0.452 | 0.056 | 0.003 | 0.013 | 0.015 |

| Sample ID | Al % | As % | Ba % | Ca % | Cl % | Co % | Cr % | Cu % | Fe % | K % | Mg% | Mn % | Mo % | Na% | Nb % | Ni % | P % | Pb % | S % | Sb % | Si % | Sn % | Sr % | Ta % | Ti % | V % | W % | Zn % | Zr % |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| EHC0137 | 6.07 | 0.002 | 0.200 | 0.023 | 0.009 | 0.001 | 0.012 | 0.002 | 2.72 | 2.868 | 0.266 | 0.043 | <0.001 | 0.070 | <0.001 | 0.002 | 0.076 | 0.005 | 0.022 | <0.001 | 32.41 | <0.001 | 0.012 | <0.001 | 0.380 | 0.099 | <0.001 | 0.006 | 0.014 |
| EHC0138 | 4.49 | 0.006 | 0.108 | 0.016 | 0.011 | <0.001 | 0.008 | 0.002 | 3.28 | 2.170 | 0.224 | 0.024 | <0.001 | 0.044 | <0.001 | 0.005 | 0.051 | 0.005 | 0.010 | <0.001 | 37.09 | <0.001 | 0.005 | <0.001 | 0.258 | 0.022 | <0.001 | 0.011 | 0.009 |
| EHC0139 | 8.04 | 0.010 | 0.178 | 0.040 | 0.006 | 0.003 | 0.010 | 0.005 | 5.61 | 4.233 | 0.469 | 0.294 | <0.001 | 0.084 | 0.002 | 0.012 | 0.106 | 0.004 | 0.013 | 0.002 | 29.49 | <0.001 | 0.007 | <0.001 | 0.364 | 0.033 | <0.001 | 0.018 | 0.015 |
| EHC0141 | 7.61 | 0.007 | 0.121 | 0.056 | 0.011 | 0.004 | 0.010 | 0.007 | 6.01 | 3.351 | 0.629 | 0.381 | <0.001 | 0.074 | 0.001 | 0.011 | 0.098 | 0.002 | 0.014 | 0.002 | 29.26 | <0.001 | <0.001 | <0.001 | 0.455 | 0.041 | <0.001 | 0.020 | 0.021 |
| EHC0142 | 7.13 | 0.005 | 0.082 | 0.037 | 0.010 | 0.002 | 0.008 | 0.008 | 3.84 | 2.959 | 0.450 | 0.032 | <0.001 | 0.105 | 0.001 | 0.006 | 0.052 | 0.003 | 0.004 | <0.001 | 32.97 | <0.001 | 0.002 | <0.001 | 0.374 | 0.024 | <0.001 | 0.009 | 0.020 |
| EHC0143 | 8.90 | 0.005 | 0.094 | 0.058 | 0.013 | 0.002 | 0.022 | 0.005 | 6.04 | 2.682 | 1.398 | 0.112 | <0.001 | 0.348 | <0.001 | 0.014 | 0.059 | 0.003 | 0.010 | <0.001 | 28.29 | <0.001 | <0.001 | <0.001 | 0.565 | 0.020 | <0.001 | 0.016 | 0.027 |
| EHC0154 | 9.60 | <0.001 | 0.062 | 0.061 | 0.006 | 0.002 | 0.003 | 0.006 | 4.37 | 4.090 | 4.683 | 0.061 | <0.001 | 0.145 | <0.001 | 0.012 | 0.034 | 0.006 | 0.027 | <0.001 | 25.76 | <0.001 | <0.001 | <0.001 | 0.270 | 0.016 | <0.001 | 0.022 | 0.013 |
| EHC0155 | 9.15 | <0.001 | 0.106 | 0.075 | 0.004 | 0.001 | 0.003 | 0.003 | 4.47 | 3.055 | 4.825 | 0.061 | <0.001 | 0.090 | <0.001 | 0.011 | 0.029 | 0.005 | 0.029 | <0.001 | 26.38 | <0.001 | <0.001 | <0.001 | 0.335 | 0.020 | <0.001 | 0.022 | 0.010 |
| EHC0156 | 10.40 | <0.001 | 0.432 | 0.035 | 0.018 | 0.001 | 0.002 | <0.001 | 0.76 | 11.444 | 0.113 | 0.006 | <0.001 | 0.496 | <0.001 | 0.003 | 0.010 | 0.006 | 0.004 | <0.001 | 29.07 | <0.001 | 0.038 | <0.001 | 0.056 | 0.003 | <0.001 | 0.003 | 0.009 |
| EHC0157 | 10.59 | <0.001 | 0.068 | 0.294 | 0.005 | 0.002 | 0.008 | 0.007 | 7.10 | 2.820 | 3.046 | 0.113 | <0.001 | 0.076 | <0.001 | 0.021 | 0.055 | 0.007 | 0.024 | <0.001 | 23.71 | <0.001 | <0.001 | <0.001 | 0.555 | 0.039 | <0.001 | 0.040 | 0.030 |
| EHC0158A | 9.86 | <0.001 | 0.061 | 1.016 | 0.005 | 0.003 | 0.011 | 0.008 | 7.07 | 2.134 | 3.654 | 0.118 | <0.001 | 0.412 | <0.001 | 0.049 | 0.065 | 0.005 | 0.019 | <0.001 | 22.84 | <0.001 | <0.001 | <0.001 | 0.496 | 0.064 | 0.003 | 0.074 | 0.015 |
| EHC0159 | 3.52 | <0.001 | 0.013 | 6.896 | 0.012 | 0.002 | 0.006 | 0.005 | 3.66 | 0.989 | 5.862 | 0.103 | <0.001 | 0.269 | <0.001 | 0.036 | 0.104 | <0.001 | 0.005 | 0.004 | 29.22 | <0.001 | <0.001 | <0.001 | 0.186 | 0.051 | 0.003 | 0.059 | 0.007 |
| EHC0161 | 9.03 | <0.001 | 0.136 | 0.057 | 0.007 | 0.001 | 0.002 | 0.004 | 4.87 | 5.335 | 0.860 | 0.036 | <0.001 | 0.251 | <0.001 | 0.008 | 0.058 | 0.007 | 0.017 | <0.001 | 28.64 | <0.001 | 0.002 | <0.001 | 0.750 | 0.022 | 0.011 | 0.036 | 0.103 |
| EHC0162 | 5.83 | <0.001 | 0.027 | 0.696 | 0.011 | 0.004 | 0.006 | 0.013 | 5.19 | 1.511 | 1.307 | 0.102 | <0.001 | 0.059 | <0.001 | 0.013 | 0.047 | 0.002 | 0.013 | 0.004 | 33.62 | <0.001 | <0.001 | <0.001 | 0.393 | 0.027 | 0.016 | 0.033 | 0.012 |
| EHC0163 | 3.83 | <0.001 | 0.020 | 0.674 | 0.006 | 0.001 | 0.002 | 0.002 | 2.28 | 1.141 | 1.234 | 0.049 | <0.001 | 0.109 | <0.001 | 0.008 | 0.018 | 0.004 | 0.010 | <0.001 | 37.99 | <0.001 | 0.003 | <0.001 | 0.165 | 0.010 | 0.008 | 0.019 | 0.009 |
| EHC0164 | 7.69 | <0.001 | 0.063 | 0.917 | 0.008 | 0.003 | 0.007 | 0.032 | 5.75 | 2.261 | 1.823 | 0.134 | <0.001 | 0.131 | <0.001 | 0.030 | 0.049 | 0.006 | 0.028 | 0.002 | 28.19 | <0.001 | 0.002 | <0.001 | 0.356 | 0.035 | 0.004 | 0.056 | 0.017 |
| EHC0166 | 8.65 | <0.001 | 0.095 | 0.068 | 0.008 | 0.002 | 0.004 | 0.008 | 5.09 | 3.385 | 0.609 | 0.188 | <0.001 | 0.134 | <0.001 | 0.015 | 0.062 | 0.012 | 0.013 | <0.001 | 30.01 | <0.001 | 0.003 | <0.001 | 0.550 | 0.022 | 0.002 | 0.034 | 0.050 |
| EHC0167 | 8.76 | <0.001 | 0.070 | 0.110 | 0.007 | 0.004 | 0.004 | 0.007 | 5.93 | 3.269 | 0.497 | 0.230 | <0.001 | 0.115 | <0.001 | 0.012 | 0.085 | 0.009 | 0.012 | <0.001 | 29.21 | <0.001 | 0.003 | <0.001 | 0.538 | 0.019 | <0.001 | 0.024 | 0.027 |

| Sample ID | Al % | As % | Ba % | Ca % | Cl % | Co % | Cr % | Cu % | Fe % | K % | Mg% | Mn % | Mo % | Na% | Nb % | Ni % | P % | Pb % | S % | Sb % | Si % | Sn % | Sr % | Ta % | Ti % | V % | W % | Zn % | Zr % |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| EHC0168 | 10.59 | <0.001 | 0.086 | 0.180 | 0.009 | 0.004 | 0.006 | 0.087 | 6.65 | 3.775 | 0.759 | 0.218 | <0.001 | 0.102 | <0.001 | 0.022 | 0.080 | 0.008 | 0.013 | <0.001 | 26.00 | <0.001 | 0.002 | <0.001 | 0.643 | 0.018 | 0.005 | 0.028 | 0.033 |
| EHC0169 | 6.86 | <0.001 | 0.090 | 0.607 | 0.011 | 0.003 | 0.005 | 0.270 | 4.89 | 3.137 | 1.138 | 0.269 | <0.001 | 0.132 | <0.001 | 0.037 | 0.077 | 0.013 | 0.011 | <0.001 | 31.41 | <0.001 | 0.009 | <0.001 | 0.436 | 0.009 | 0.002 | 0.024 | 0.045 |
| EHC0170 | 9.90 | <0.001 | 0.098 | 0.209 | 0.011 | 0.004 | 0.010 | 0.008 | 6.10 | 3.215 | 1.125 | 0.182 | <0.001 | 0.123 | <0.001 | 0.013 | 0.079 | 0.015 | 0.011 | <0.001 | 27.08 | <0.001 | 0.003 | <0.001 | 0.607 | 0.020 | 0.002 | 0.043 | 0.022 |
| EHC0171 | 13.58 | 0.001 | 0.055 | 0.222 | 0.008 | 0.004 | 0.008 | 0.010 | 7.60 | 1.488 | 1.923 | 0.100 | <0.001 | 0.040 | <0.001 | 0.019 | 0.053 | 0.008 | 0.008 | 0.002 | 21.31 | <0.001 | <0.001 | <0.001 | 0.467 | 0.039 | 0.002 | 0.059 | 0.014 |
| EHC0172 | 9.77 | <0.001 | 0.089 | 0.158 | 0.010 | 0.004 | 0.020 | 0.010 | 6.66 | 2.480 | 1.588 | 0.179 | <0.001 | 0.086 | <0.001 | 0.037 | 0.053 | 0.004 | 0.014 | <0.001 | 26.12 | <0.001 | <0.001 | <0.001 | 0.493 | 0.031 | 0.002 | 0.034 | 0.020 |
| EHC0173 | 8.19 | <0.001 | 0.093 | 0.033 | 0.007 | 0.004 | 0.007 | 0.008 | 5.37 | 3.679 | 0.516 | 0.239 | <0.001 | 0.086 | <0.001 | 0.013 | 0.093 | 0.004 | 0.013 | <0.001 | 30.34 | <0.001 | <0.001 | <0.001 | 0.398 | 0.017 | 0.002 | 0.015 | 0.020 |
| EHC0174 | 7.45 | <0.001 | 0.120 | 0.032 | 0.007 | 0.002 | 0.008 | 0.006 | 5.74 | 3.149 | 0.379 | 0.049 | <0.001 | 0.053 | 0.001 | 0.005 | 0.156 | 0.007 | 0.026 | <0.001 | 30.17 | <0.001 | <0.001 | <0.001 | 0.462 | 0.032 | <0.001 | 0.009 | 0.018 |
| EHC0175 | 7.20 | <0.001 | 0.175 | 0.014 | 0.006 | 0.001 | 0.011 | 0.033 | 2.39 | 3.390 | 0.350 | 0.050 | <0.001 | 0.050 | <0.001 | 0.004 | 0.079 | 0.008 | 0.037 | <0.001 | 32.08 | <0.001 | 0.003 | <0.001 | 0.462 | 0.042 | <0.001 | 0.003 | 0.016 |
| EHC0177 | 7.61 | 0.002 | 0.128 | 0.019 | 0.009 | 0.002 | 0.008 | 0.010 | 5.65 | 3.158 | 0.372 | 0.049 | <0.001 | 0.038 | <0.001 | 0.008 | 0.098 | 0.006 | 0.024 | <0.001 | 30.87 | <0.001 | <0.001 | <0.001 | 0.400 | 0.030 | 0.003 | 0.012 | 0.018 |
| EHC0178 | 1.36 | 0.002 | 0.014 | 0.011 | 0.012 | <0.001 | 0.003 | 0.007 | 2.01 | 0.434 | 0.077 | 0.015 | 0.001 | 0.021 | 0.002 | 0.004 | 0.041 | 0.009 | 0.008 | 0.003 | 42.98 | <0.001 | <0.001 | <0.001 | 0.082 | 0.009 | <0.001 | 0.008 | 0.004 |
| EHC0179 | 5.60 | 0.007 | 0.064 | 0.018 | 0.011 | 0.001 | 0.009 | 0.026 | 4.71 | 2.450 | 0.314 | 0.040 | <0.001 | 0.025 | <0.001 | 0.005 | 0.141 | 0.120 | 0.024 | <0.001 | 33.51 | <0.001 | <0.001 | <0.001 | 0.418 | 0.040 | <0.001 | 0.012 | 0.017 |
| EHC0181 | 6.73 | 0.007 | 0.123 | 0.028 | 0.009 | 0.001 | 0.010 | 0.020 | 5.39 | 2.887 | 0.328 | 0.033 | <0.001 | 0.052 | <0.001 | 0.007 | 0.127 | 0.026 | 0.021 | <0.001 | 31.71 | <0.001 | <0.001 | <0.001 | 0.386 | 0.036 | 0.002 | 0.016 | 0.015 |
| EHC0182 | 2.16 | 0.002 | 0.022 | 0.011 | 0.012 | 0.001 | 0.008 | 0.005 | 2.73 | 0.875 | 0.111 | 0.019 | <0.001 | 0.036 | <0.001 | 0.010 | 0.049 | 0.007 | 0.011 | 0.003 | 40.67 | <0.001 | <0.001 | <0.001 | 0.132 | 0.020 | <0.001 | 0.010 | 0.004 |
| EHC0183 | 6.85 | 0.002 | 0.069 | 0.018 | 0.012 | 0.002 | 0.012 | 0.014 | 7.80 | 2.724 | 0.307 | 0.098 | 0.002 | 0.047 | <0.001 | 0.009 | 0.121 | 0.006 | 0.035 | <0.001 | 29.28 | <0.001 | 0.003 | <0.001 | 0.407 | 0.053 | 0.003 | 0.022 | 0.016 |
| EHC0184 | 11.47 | <0.001 | 0.100 | 0.049 | 0.009 | 0.005 | 0.005 | 0.025 | 5.84 | 2.924 | 0.905 | 0.551 | <0.001 | 0.058 | <0.001 | 0.022 | 0.101 | 0.005 | 0.033 | <0.001 | 25.97 | <0.001 | <0.001 | <0.001 | 0.508 | 0.025 | 0.002 | 0.031 | 0.028 |