ASX ANNOUNCEMENT

18 March 2025

TANBREEZ HIGH GRADE ~ 0.44% TREO FROM DEEP DIAMOND DRILL RESULTS INCLUDING 103ppm GALLIUM OXIDE

European Lithium Ltd (ASX: EUR, FRA:PF8, OTC: EULIF) (**European Lithium** or the **Company**) is pleased to publish for the first time, historical deep diamond drill holes DDH 7-14 drilled in 2007, and DX-01 drilled in 2010 from the **Tanbreez Project** in Greenland.

Highlights - Diamond Drill Hole Historical Results

Drill hole DX-01 was successfully drilled vertically to 338m from surface and intersected high - grade rare earths and oxides averaging:

- 4209.22ppm (0.42% TREO) ("including averaged heavy rare HREO of 24.45%"),
- 2.45% ZrO_2 "zircon oxide" cut off at 0.5%,
- 73ppm Ta_2O_5 "tantalum pentoxide",
- 1174.06ppm Nb_2O_5 "niobium pentoxide",
- 266.45ppm HfO_2 "hafnium oxide",
- 103.03ppm Ga_2O_3 "gallium oxide",
- Mineralisation average from surface to 338m downhole.

Diamond Drill hole Drilled DX-01 was drilled to 338m depth within the Hill Zone 22MT @ 0.38% REE Maiden Mineral Resource (13 March 2025 ASX Announcement 45MT @ 0.38% TREO).

Drill hole D7-14 was successfully angle drilled at 15^0 east to 243m from surface and intersected high-grade rare earths mineralisation averaging:

- 4437.54ppm (0.44% TREO) ("including averaged heavy rare HREO of 28%"),
- 1.78% ZrO_2 "zircon oxide" cut off at 0.5%,
- 83ppm Ta_2O_5 "tantalum pentoxide",
- 1496ppm Nb_2O_5 "niobium pentoxide",
- 351ppm HfO_2 "hafnium oxide",
- Ga_2O_3 "gallium oxide" was not assayed,
- Mineralisation average from surface to 243m downhole.

See drill hole collars Figure 1 and assay reports Appendix 1, 2 and 3.

European Lithium currently holds a 7.5% direct interest in the Tanbreez Project. By way of background, European Lithium first acquired a 5% interest in Tanbreez Mining Greenland A/S (**Tanbreez**) on 3 October 2022 and acquired a further 2.5% interest in Tanbreez on 6 February 2023 from the privately owned Australian company Rimbal Pty Ltd (Rimbal). At this time, the investment of 7.5% in Tanbreez was not considered material to the Company and as such the historical drill hole data and results was not disclosed at the time of acquiring

an interest in Tanbreez. In June 2024, Critical Metals Corp. (NASDAQ: CRML) entered into the Heads of Agreement with Rimbal to acquire up to 92.5% in Tanbreez and have completed the initial investment and stage 1 interest to hold a 42.0% interest in Tanbreez. As of the date of this announcement, European Lithium and CMC hold a combined interest of 49.5% in Tanbreez. European Lithium is CMC's largest shareholder and as such now considers the Tanbreez Project to be material and as a result is announcing historical data and information in this announcement.

The Company recently announced its Maiden Mineral Resource Estimate (MRE) for the Tanbreez Project of 45MT containing 0.38% TREO including 27% contained HREO plus rare metal oxides (see ASX Announcement 13 March 2025).

The Company is awaiting assay results from the September-November 2024 confirmation drilling program comprised of sixteen holes, with the first hole A1-24 reported January 2025, and will publish the remaining 15 diamond drill hole assay results when they become available.

The drilling results from A1-24 drilled 2024 (ASX Announcement 20 January 2025) confirmed a significant 40m deep intersection from outcropping surface mineralisation of high-grade rare-earth oxide averaging:

- 4,722.51ppm (0.47%TREO) (including 26.96% averaged heavy rare earth (" HREO"),
- 1.82% ZrO_2 "zircon oxide",
- 130.92ppm Ta_2O "tantalum pentoxide",
- 1852.22ppm Nb_2O_5 "niobium pentoxide",
- 393.68ppm HfO_2 "hafnium oxide",
- 101.67ppm Ga_2O_3 "gallium oxide".

The assay results from historical deep diamond drill holes DX-01 and D07-14 (that were drilled by Rimbal P/L in May 2007 and 2010) confirm similar average grades to drill hole A1-24

Commenting on the assay results, Tony Sage, Executive Chairman of the Company, said:

"It's exciting to report on the outstanding assay results from historical deep drilling which may confirm high-grade, high tonnage potential that extends a lot deeper than was originally expected for the Tanbreez Project"

"After recently announcing the MRE of ~45MT of REE'S @ 0.38% and other rare earth metals, the highly experienced team we have recently assembled, is moving quickly to measure the true potential of the Tanbreez Project that is also gaining significant interest from Western Governments.

"The team is now working through more of the historical data (which contains over 400 holes and 366,000 samples) of which most have never been made public. Some of this data is over 22 years old, so by using modern technology to decipher the $45 million of expenditure spent by Greg Barnes, it will add significant value to Tanbreez Project's long term success"

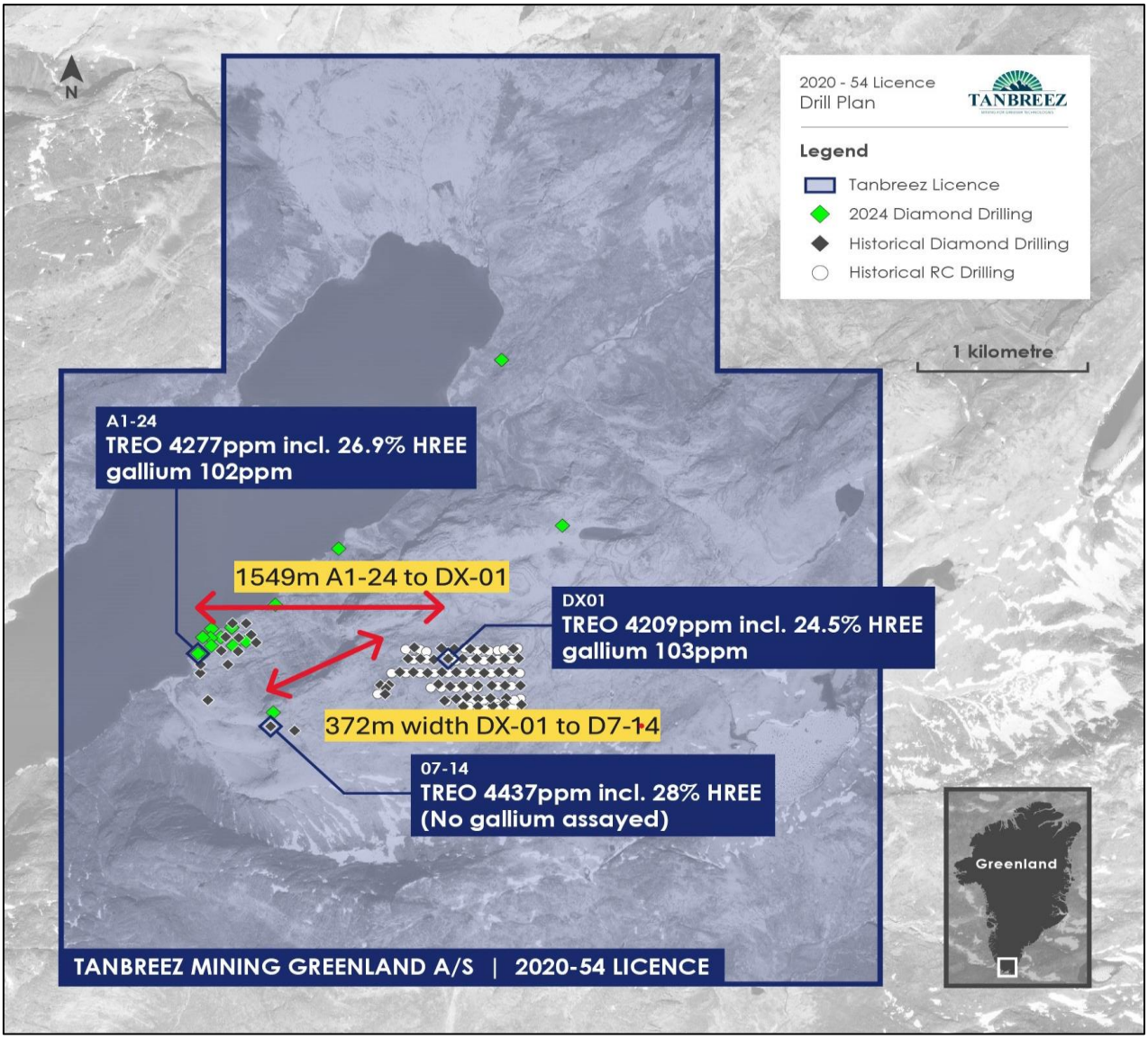

Figure 1 Drillhole collar positions for deep diamond holes DX-O1 to 338m, D7-14 to 243m and A1-24 to 40m with the average assays results from surface. The length between drill holes is 1549 metres from A1-24 to DX-01 and 1037m from DX-01 to D7-14 with a 372m width between DX-01 and D7-14.

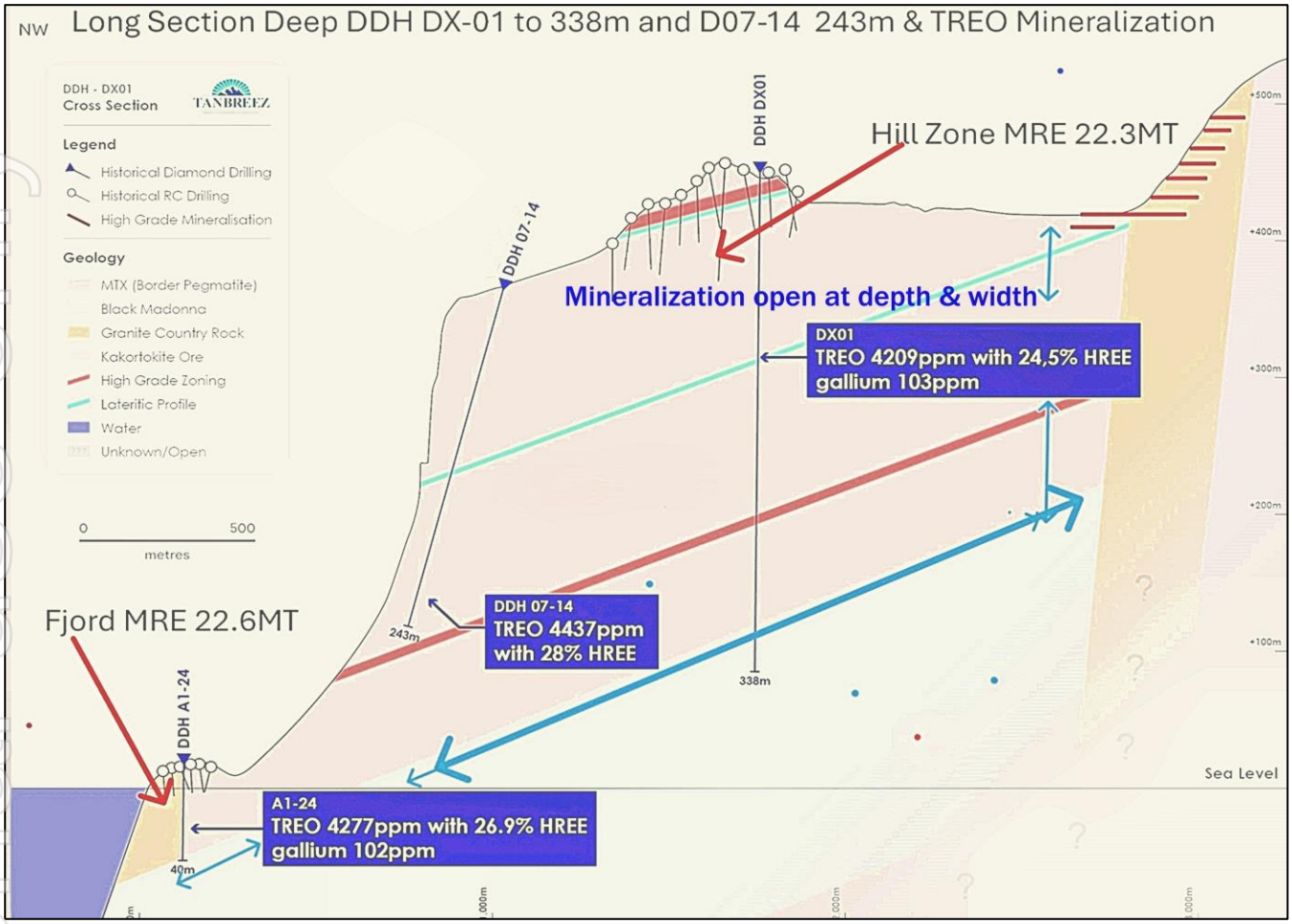

Figure 2: Deep Diamond Hole intersections containing high grade TREO average mineralisation from surface to 338m in hole DX-0, to 243m in D7-014 and 40m in A1-24. The approximate dimensions between drillholes DX-01 and D7-14 is 1037m in length with a width of 372m. The thicker blue line annotations indicate mineralisation is open at depth bellow drill holes DX-01 and D7-14 and not A1-24. The thinner blueline annotation indicates the 2025 extension drilling program target which may or may not contain economic mineralisation until drilled and assayed

The stratigraphic cross section was originally drafted in 2014 (by the previous owner Rimbal P/L) to log the stratigraphy, Kakortokite mineralogy and to estimate the potential resource at depth by outlining the thickness into the mineralised Kakortokite host rock (see Figure 2).

The diamond drill hole DX-01 and D7-14 was sampled and logged by independent Geologists and supervised by Tanbreez Mining's Greenland Chief Geologist, Mr. Hans Kristian Schønwandt, to JORC 2004 and 2012 QA - QC standards.

The processed core logs, core photos and core samples were shipped to Ultra Trace Laboratory in Perth Western Australia.

Historical Deep Hole Summary

The deep hole results present a compelling opportunity to extend mineralisation with further deep infill drilling between both historical diamond holes and below into the existing Tanbreez Hill Zone Deposit of 22.31MT reported on 13 March 2025, (see Figure 2 and 3).

Diamond drill holes DX-01 and D7-014 were drilled for stratigraphic and mineralogical study, with assays confirming deep highly mineralised TREO averaging 0.42% with 24.5% HREE and 0.43% with 28% HREE to depths of 338m and 243m respectively contained within the Kakortokite host rock.

Both drill holes assayed similar results for the metal oxides including tantalum, niobium, zirconium, hafnium and gallium and correlate directly to the results for A1-24 of TREO 0.43% with 26.9% HREE (see appendices 2,3 and 4).

Both drill holes A1-24 and DX-01 were terminated into the basal rock unit in a Tephri -Phonolite named Black Madona that contained only background mineralisation.

Drillhole D7-14 was terminated in mineralisation and further drilling will be required to confirm the true thickness beyond the 243m at the bottom of the drillhole D7-14.

Drill hole DX-01 was collared at surface and drilled to 338m within the Tanbreez Hill Zone Deposit containing 22.31 MT @ 0.33% TREO with 27% HREE and within a gridded area containing 49 RC holes and 46 diamond drill holes that were drilled to an average depth of 35m and used by Maynard and Associates in 2016 in reporting the MRE.

The drill results have a consistent average grade of mineralisation for TREO and metal oxides of 0.43% between the three drillhole collars that span approximately 1549m length and 372m width with a higher priority placed over the area between DX-01 and D7-14 with a 1037m length and 372m width, (see Figure 1 and JORC Table 1).

The distance was measured from GPS coordinates between DX-01 to A1-24 m and is 1549m on a similar Northing with a width difference of 6m from the Easting.

The distance from GPS coordinates between drill holes DX-01 and D7-014 is 1037m and width of approximately 372m.

The distance from GPS coordinates between A1-24 and D7-014 is 512m and an approximate width of 372m.

The Ga203, gallium oxide for both diamond holes assayed A1-24 and DX-01, were 101.7ppm and 102.2ppm respectively and add a vital oxide credit to the TREO mixed concentrate adding to the project's economic status. D7-014 was not assayed for gallium in 2007. The Company will submit sample pulp for assay in the coming months.

The uranium and thorium assays combined averages for all the 3 diamond holes is well below 80ppm with many intersections reporting bellow detectible limits and directly correlates the consistent and homogenic nature for the Tanbreez Deposit.

Confirmation - Extension - Infill Drilling

The Company will prioritise the 2025 drilling program over the Tanbreez Hill Zones 22.31MT MRE area and will extend drilling to target depths averaging 250m – 300m and confirm the mineralisation of the historical drill results.

The second priority drilling program will target extensions to similar depths over the strike length of 1037m and width of approximately 700m chasing the continuous mineralisation that may exist between drill holes DX-01 and D7-014.

The third priority drilling program will target the Fjord Deposit containing 22.56MT MRE area by extending drilling further to the north of the 16-diamond hole program from 2024.

Confirmation 2025 drilling will commence depending on satisfactory drill results from the 2024 program with the remaining 15 holes reporting due in the coming months.

The 2025 drilling and exploration programs will be reported in the coming months with drilling designed to extend the current 2025 MRE from 45MT to an exploration target yet to be determined.

The company is currently reviewing all historical technical data and will publish the strategic review in due course.

The 4.7BT Kakortokite host rock at Tanbreez is a homogeneous deep layered intrusive igneous rock with continuous banding of minerals eudialyte, arfvedsonite and felspars that was metasomatized shedding the mineralized REE and rare metals within the intrusive host.

The company also acknowledges that there is no certainty that the Kakortokite contains economic mineralisation within the 4.7BT host rock unit.

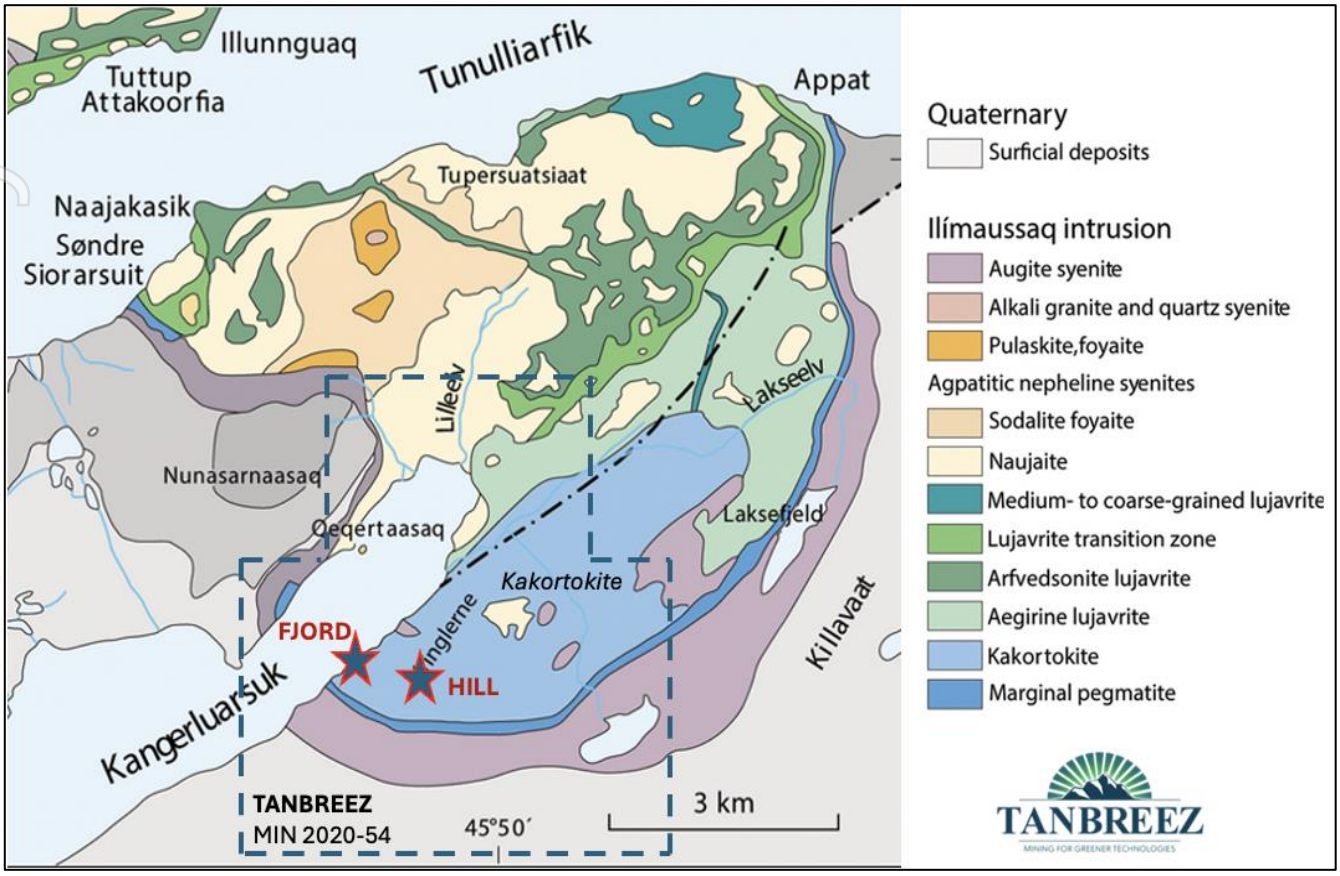

Figure 3 The Tanbreez Fjord and the Tanbreez Hill rare-earth mineral sites are hosted within a Kakortokite unit covering an area of approximately 5km x 2.5km, estimated at 4.7 billion tonnes of Kakortokite this does not indicate any certainty of hosting mineralisation

Next Steps

The Company is currently re-assaying historical pulps stored in Perth and Greenland from some of the existing 2007, 2010 and 2013 drill, rock chip and bulk sampling for confirmation and check assay reconciliation. The pulp will be analysed by ALS Metallurgical Laboratory in Perth Western Australia and the results will be published when they become available

The Company is currently reviewing all available data from the previous owner's data base and will publish results upon third party and in house consultation.

The Company has engaged a third-party consultant who will report on the Preliminary Economic Assessment (PEA) for Tanbreez.

The PEA Report will cover the extensive economic and historical data on hand from the previous owner and evaluate economic potential for Tanbreez.

About Tanbreez

The Tanbreez Rare Earth Project is one of the world's largest hard rock rare earth elements (REE) deposits, located in southern Greenland near the town of Quaqortoq. The project is notable for its high concentration of heavy rare earth elements (HREEs), which are critical for high-tech applications, clean energy, and defence industries. Unlike other major REE deposits, Tanbreez contains very low levels of uranium and thorium, making it more environmentally and politically viable.

- Deposit Type: Kakortokite (a layered igneous rock rich in REEs)
- Kakortokite Estimate: ~4.7 billion tonnes of REE-bearing mineralisation
- Heavy REE Content: ~27% of Total Rare Earth Oxides (TREO)
- Ownership: Acquired by Critical Metals Corp. and EUR 7.5% (2024)
- Uranium & Thorium: Extremely low (avoiding nuclear regulatory issues)
- Location: Near Quaqortoq, southern Greenland
- Target drilling ongoing to achieve proven and probable ore reserves
- Project Stage: is evolving from exploration to feasibility and predevelopment phases
- Kakortokite host may not always contain any economic mineralisation of REE

Comparison to Other REE Deposits

Feature	Tanbreez (Greenland)	Kvanefjeld (Greenland)	Mountain Pass (USA)	Bayan Obo (China)
REE Type	HREE-rich	LREE + HREE	LREE-rich	LREE-rich
Uranium Content	Very Low	**High (Regulatory Issue)**	None	None
Processing Complexity	Moderate	**High (Uranium)**	Moderate	Advanced (China-controlled)
Strategic Risk	Low (Western control)	**High (Chinese investment, uranium issues)**	Medium (Processing still partly in China)	**High (China dominance)**

Table 1 With high-value HREEs, no uranium regulatory barriers, and Western control, Tanbreez is positioned as a key player in the global rare earth market. The project is expected to attract further investment and strategic partnerships from North America and Europe as countries push for REE supply chain security.

Kakortokite

Kakortokite is a rare, layered igneous rock composed primarily of feldspar, eudialyte (a zirconium-rich silicate), and arfvedsonite (an iron-rich amphibole). It is notable for being a major host rock for rare earth elements (REEs), zirconium, and other critical minerals.

Major Occurrences: Ilímaussaq Complex, Greenland (including the Tanbreez and Kvanefjeld deposits), Lovozero Massif, Russia, Mont Saint-Hilaire, Canada.

Economic Importance: Rare Earth Elements (REEs): High concentrations of heavy REEs (HREEs), crucial for advanced technology, Zirconium & Hafnium: Used in nuclear reactors and aerospace, Low Uranium & Thorium: Unlike carbonatite-hosted deposits, Kakortokite has minimal radioactive elements, making extraction easier and more environmentally friendly.

About European Lithium

European Lithium Limited is an exploration and development stage mining company focused mainly on lithium, rare earth, precious metals and base metals in Austria, Ireland, Ukraine, and Australia.

European Lithium currently holds 66,416,641 (70.40%) ordinary shares in Critical Metals. Based on the closing share price of Critical Metals being US$2.14 per share as of 16 March 2025, the Company's current investment in Critical Metals is valued at US$142,131,612 (A$225,989,263) noting that this valuation is subject to fluctuation in the share price of Critical Metals.

For more information, please visit https://europeanlithium.com.

This announcement has been approved for release on ASX by the Board of Directors.

About CRML

Critical Metals Corp. is a leading mining development company focused on critical metals and minerals, and producing strategic products essential to electrification and next generation technologies for Europe and its western world partners. CMC currently holds a 42% direct interest in the Tanbreez Greenland Rare Earth Mine and has the right to earn up to a 92.5% equity interest subject to the investment of US$10 million in exploration expenses by June 2026 at the Tanbreez Project (refer ASX announcement 11 June 2024 and 19 June 2024). CMC's other flagship asset is the Wolfsberg Lithium Project located in Carinthia, 270 km south of Vienna, Austria. The Wolfsberg Lithium Project is the first fully permitted mine in Europe and is strategically located with access to established road and rail infrastructure and is expected to be the next major producer of key lithium products to support the European market. Wolfsberg is well positioned with offtake and downstream partners to become a unique and valuable building block in an expanding geostrategic critical metals portfolio. In addition, Critical Metals owns a 20% interest in prospective Austrian mineral projects.

For more information, please visit https://criticalmetalscorp.com for an updated investor presentation.

This announcement has been approved for release on ASX by the Board of Directors.

Competent Person Statement – George C Karageorge

Statements contained in this report relating to exploration results, scientific evaluation and potential, are based on information compiled and evaluated by George Karageorge.

Mr Karageorge is Principal of Geosan Consulting, and a Member of the Australian Institute of Mining and Metallurgy (AusIMM), is a geologist with sufficient relevant experience in relation to rare earth and rare metal mineralisation being reported on, to qualify as a competent Person as defined in the Australian Code for Reporting of Identified Mineral resources and Ore reserves (JORC Code 2012).
Mr Karageorge consents to the use of this information in this report in the form and context in which it appears.

ASX ANNOUNCEMENT

18 March 2025

EUROPEAN LITHIUM LTD

Appendix 1

JORC Code, 2012 Edition – Table 1

Section 1 Sampling Techniques and Data

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

Criteria	JORC Code explanation	Commentary
Sampling techniques	• Nature and quality of sampling (eg cut channels, random chips, or specific specialised industry standard measurement tools appropriate to the minerals under investigation, such as down hole gamma sondes, or handheld XRF instruments, etc). These examples should not be taken as limiting the broad meaning of sampling. • Include reference to measures taken to ensure sample representivity and the appropriate calibration of any measurement tools or systems used. • 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 (eg 'reverse circulation drilling was used to obtain 1 m samples from which 3 kg was pulverised to produce a 30 g charge for fire assay'). In other cases more explanation may be required, such as where there is coarse gold that has inherent sampling problems. Unusual commodities or mineralisation types (eg submarine nodules) may warrant disclosure of detailed information.	• Diamond drill hole A1-24, NQ size with samples each metre drilled to a depth of 40 metres drilled in October 2024 • Diamond drill hole DX-01, BQ size with samples each metre drilled to a depth of 338 metres in May 2010. • Diamond Drill Hole DDH7-14, HQ size with samples each meter drilled to a depth of 243 meters in May to June 2007. • These were accompanied by blank samples, repeat samples duplicates etc. • The core for A1-24 was cut in Greenland with a quarter of the core being flown to ALS (Australian Laboratory Services, INAB Reg. Nr. 173T) in Ireland for assay. • The core for DX-01 and DDH7-14 was cut in Greenland with a quarter of the core being flown to Ultra Fine (Australian Laboratory) for assay in Perth Western Australia
Drilling techniques	• Drill type (eg core, reverse circulation, open-hole hammer, rotary air blast, auger, Bangka, sonic, etc) and details (eg core diameter, triple or standard tube, depth of diamond tails, face-sampling bit or other type, whether core is oriented and if so, by what method, etc).	• Conventional diamond drilling from surface with single standard tube NQ and BQ respectively
Drill sample recovery	• Method of recording and assessing core and chip sample recoveries and results assessed. • Measures taken to maximise sample recovery and ensure representative nature of the samples. • 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.	• Recovery from diamond drilling was in the range of 95-100% and monitored by the onsite project geologist and Chief Geologist.
Logging	• Whether core and chip samples have been geologically and geotechnically logged	• The core was logged by an experienced geologist with a PhD in Alkaline Rocks and

Criteria	JORC Code explanation	Commentary
	to a level of detail to support appropriate Mineral Resource estimation, mining studies and metallurgical studies. • Whether logging is qualitative or quantitative in nature. Core (or costean, channel, etc) photography. • The total length and percentage of the relevant intersections logged.	over 40 years of experience on this ore body. All core was logged in detail qualitatively; all core was photographed.
Sub-sampling techniques and sample preparation	• If core, whether cut or sawn and whether quarter, half or all cores taken. • If non-core, whether riffled, tube sampled, rotary split, etc and whether sampled wet or dry. • For all sample types, the nature, quality and appropriateness of the sample preparation technique. • Quality control procedures adopted for all sub-sampling stages to maximise representivity of samples. • 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. • Whether sample sizes are appropriate to the grain size of the material being sampled.	• ¼ Core centre lab options of another quarter, if further assay or microscope work required. The grain size is course up to 0.5cm and with a quarter core taken to the laboratory from a very homogenous rock type and this was deemed a representative sample.
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. • For geophysical tools, spectrometers, handheld XRF instruments, etc, the parameters used in determining the analysis including instrument make and model, reading times, calibrations factors applied and their derivation, etc. • Nature of quality control procedures adopted (eg standards, blanks, duplicates, external laboratory checks) and whether acceptable levels of accuracy (ie lack of bias) and precision have been established.	• The laboratory results compare favourably with other samples taken over many years on this site. ALS's and Ultra Fine internal standards reused approximately 50 elements are the certified standards used by labs and they were an acceptable range.
Verification of sampling and assaying	• The verification of significant intersections by either independent or alternative company personnel. • The use of twinned holes. • Documentation of primary data, data entry procedures, data verification, data storage (physical and electronic) protocols. • Discuss any adjustment to assay data.	Repeat samples have been sent to a separate lab in Australia, ALS Perth for comparable assays. These results are pending. A second twin hole was completed but has not as yet been assayed. Data storage is both digitally and physical means. Conversion factors used for rare earth → rare earth oxides: La_2O_3 1.1728 Ce_2O_3. 1.1713 Pr_6O_{11} 1.2082 Nd_2O_3 1.1664 Sm_2O_3 1.1596

Criteria	JORC Code explanation	Commentary
		Eu_2O_3 1.1579 Gd_2O_3 1.1526 Tb_4O_7 1.1762 Dy_2O_3 1.1477 Ho_2O_3 1.1455 Er_2O_3 1.1435 Tm_2O_3 1.1421 Yb_2O_3 1.1387 Y_2O_3 1.1370 Lu_2O_3 1.1137
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. • Specification of the grid system used. • Quality and adequacy of topographic control.	• Hole surveyed by a licensed Greenland surveyor using conventional GPS method. Topography survey was part of an earlier survey done at the same time as the aeromagnetic survey.
Data spacing and distribution	• Data spacing for reporting of Exploration Results. • Whether the data spacing and distribution is sufficient to establish the degree of geological and grade continuity appropriate for the Mineral Resource and Ore Reserve estimation procedure(s) and classifications applied. • Whether sample compositing has been applied.	• One drill hole to 40 metres with each metre assayed. These can be used in later resourced determinations no sample compositing has been applied.
Orientation of data in relation to geological structure	• Whether the orientation of sampling achieves unbiased sampling of possible structures and the extent to which this is known, considering the deposit type. • 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.	• Vertical hole in almost horizontal layered sequence means the holes intercepted the mineralisation at right angles.
Sample security	• The measures taken to ensure sample security.	• Core locked in containers in Greenland. Chain of custody was managed by the operator throughout.
Audits or reviews	• The results of any audits or reviews of sampling techniques and data.	• N/A

Section 2 Reporting Exploration Results

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

Criteria	JORC Code explanation	Commentary
Mineral 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 security of the tenure held at the time of reporting along with any known impediments to obtaining a licence to operate in the area.	License owned by Tanbreez Mining which is a Greenlandic company that owns 100% of the tenant. EUR owns 7.5% of Tanbreez. Exploration license number 2020-54 has been around for 30 years. As part of the granting of the project it received full environmental and social approval. There is no native title in Greenland.
Exploration done by other parties	• Acknowledgment and appraisal of exploration by other parties.	• All exploration on the tenement has been done by Tanbreez.
Geology	• Deposit type, geological setting and style of mineralisation.	• Alkaline intrusive.
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: o easting and northing of the drill hole collar o elevation or RL (Reduced Level – elevation above sea level in metres) of the drill hole collar o dip and azimuth of the hole o down hole length and interception depth o 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.	• A1-24 has a height of 19 metres, the Easting is 452648 and the Northing is 6748255 and its vertical to 40 metres. • DX-01 has a height of 384 meters, the Easting is 454197 and the Northing is 6748260 and its vertical to 338 meters. • DDH7-14 has a height of 326 meters, the Easting is 453160 and the Northing is 6748261 and angled at 15 degrees west to 243 meters.
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. • 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. • The assumptions used for any reporting of metal equivalent values should be clearly stated.	• No cutting of grade was needed. No metal equivalents were used.
Relationship between	• These relationships are particularly important in the reporting of Exploration Results.	• The whole of each drill hole is in mineralisation from the surface near the base some xenoliths of the unit below were noted.

Criteria	JORC Code explanation	Commentary
mineralisation widths and intercept lengths	• If the geometry of the mineralisation with respect to the drill hole angle is known, its nature should be reported. • If it is not known and only the down hole lengths are reported, there should be a clear statement to this effect (eg 'down hole length, true width not known').	
Diagrams	• Appropriate maps and sections (with scales) and tabulations of intercepts should be included for any significant discovery being reported These should include, but not be limited to a plan view of drill hole collar locations and appropriate sectional views.	• See maps and figures 1,2,3
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.	• Balanced report based on available data.
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.	• Check assays for A1-23, twin holes and other holes assays are currently going through the procedure and not yet submitted to the lab. • DX-01 and DDH7-14 have re assay and check assays on the previous owners data base and DX-01 had a twin hole DX-02 that is currently being prepared for publication in the near future.
Further work	• The nature and scale of planned further work (eg tests for lateral extensions or depth extensions or large-scale step-out drilling). • Diagrams clearly highlighting the areas of possible extensions, including the main geological interpretations and future drilling areas, provided this information is not commercially sensitive.	• Pending results subsequent drilling programs will be discussed

Section 3 Estimation and Reporting of Mineral Resources

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

Criteria	JORC Code explanation	Commentary
Database integrity	• Measures taken to ensure that data has not been corrupted by, for example, transcription or keying errors, between its initial collection and its use for Mineral Resource estimation purposes. • Data validation procedures used.	• N/A
Site visits	• Comment on any site visits undertaken by the Competent Person and the outcome of those visits. • If no site visits have been undertaken indicate why this is the case.	• N/A
Geological interpretation	• Confidence in (or conversely, the uncertainty of) the geological interpretation of the mineral deposit. • Nature of the data used and of any assumptions made. • The effect, if any, of alternative interpretations on Mineral Resource estimation. • The use of geology in guiding and controlling Mineral Resource estimation. • The factors affecting continuity both of grade and geology.	• N/A
Dimensions	• The extent and variability of the Mineral Resource expressed as length (along strike or otherwise), plan width, and depth below surface to the upper and lower limits of the Mineral Resource.	• N/A
Estimation and modelling techniques	• The nature and appropriateness of the estimation technique(s) applied and key assumptions, including treatment of extreme grade values, domaining, interpolation parameters and maximum distance of extrapolation from data points. If a computer assisted estimation method was chosen include a description of computer software and parameters used. • The availability of check estimates, previous estimates and/or mine production records and whether the Mineral Resource estimate takes appropriate account of such data. • The assumptions made regarding recovery of by-products. • Estimation of deleterious elements or other non-grade variables of economic significance (eg sulphur for acid mine drainage characterisation). • In the case of block model interpolation, the block size in relation to the average sample spacing and the search employed. • Any assumptions behind modelling of selective mining units. • Any assumptions about correlation between variables. • Description of how the geological interpretation was used to control the resource estimates. • Discussion of basis for using or not using grade cutting or capping.	• N/A

Criteria	JORC Code explanation	Commentary
	• The process of validation, the checking process used, the comparison of model data to drill hole data, and use of reconciliation data if available.	
Moisture	• Whether the tonnages are estimated on a dry basis or with natural moisture, and the method of determination of the moisture content.	• N/A
Cut-off parameters	• The basis of the adopted cut-off grade(s) or quality parameters applied.	• N/A
Mining factors or assumptions	• Assumptions made regarding possible mining methods, minimum mining dimensions and internal (or, if applicable, external) mining dilution. It is always necessary as part of the process of determining reasonable prospects for eventual economic extraction to consider potential mining methods, but the assumptions made regarding mining methods and parameters when estimating Mineral Resources may not always be rigorous. Where this is the case, this should be reported with an explanation of the basis of the mining assumptions made.	• N/A
Metallurgical factors or assumptions	• The basis for assumptions or predictions regarding metallurgical amenability. It is always necessary as part of the process of determining reasonable prospects for eventual economic extraction to consider potential metallurgical methods, but the assumptions regarding metallurgical treatment processes and parameters made when reporting Mineral Resources may not always be rigorous. Where this is the case, this should be reported with an explanation of the basis of the metallurgical assumptions made.	• N/A
Environmen-tal factors or assumptions	• Assumptions made regarding possible waste and process residue disposal options. It is always necessary as part of the process of determining reasonable prospects for eventual economic extraction to consider the potential environmental impacts of the mining and processing operation. While at this stage the determination of potential environmental impacts, particularly for a greenfields project, may not always be well advanced, the status of early consideration of these potential environmental impacts should be reported. Where these aspects have not been considered this should be reported with an explanation of the environmental assumptions made.	• N/A
Bulk density	• Whether assumed or determined. If assumed, the basis for the assumptions. If determined, the method used, whether wet or dry, the frequency of the measurements, the nature, size and representativeness of the samples. • The bulk density for bulk material must have been measured by methods that adequately account for void spaces (vugs, porosity, etc), moisture and differences between rock and alteration zones within the deposit. • Discuss assumptions for bulk density estimates used in the evaluation process of the different materials.	• N/A
Classification	• The basis for the classification of the Mineral Resources into varying confidence categories. • Whether appropriate account has been taken of all relevant factors (ie relative	• N/A

Criteria	JORC Code explanation	Commentary
	confidence in tonnage/grade estimations, reliability of input data, confidence in continuity of geology and metal values, quality, quantity and distribution of the data). • Whether the result appropriately reflects the Competent Person's view of the deposit.	
Audits or reviews	• The results of any audits or reviews of Mineral Resource estimates.	• N/A
Discussion of relative accuracy/ confidence	• Where appropriate a statement of the relative accuracy and confidence level in the Mineral Resource estimate using an approach or procedure deemed appropriate by the Competent Person. For example, the application of statistical or geostatistical procedures to quantify the relative accuracy of the resource within stated confidence limits, or, if such an approach is not deemed appropriate, a qualitative discussion of the factors that could affect the relative accuracy and confidence of the estimate. • The statement should specify whether it relates to global or local estimates, and, if local, state the relevant tonnages, which should be relevant to technical and economic evaluation. Documentation should include assumptions made and the procedures used. • These statements of relative accuracy and confidence of the estimate should be compared with production data, where available.	• N/A

Section 4 Estimation and Reporting of Ore Reserves

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

Criteria	JORC Code explanation	Commentary
Mineral Resource estimate for conversion to Ore Reserves	• Description of the Mineral Resource estimate used as a basis for the conversion to an Ore Reserve. • Clear statement as to whether the Mineral Resources are reported additional to, or inclusive of, the Ore Reserves.	• N/A
Site visits	• Comment on any site visits undertaken by the Competent Person and the outcome of those visits. • If no site visits have been undertaken indicate why this is the case.	• N/A
Study status	• The type and level of study undertaken to enable Mineral Resources to be converted to Ore Reserves. • The Code requires that a study to at least Pre-Feasibility Study level has been undertaken to convert Mineral Resources to Ore Reserves. Such studies will have been carried out and will have determined a mine plan that is technically achievable and economically viable, and that material Modifying Factors have been considered.	• N/A
Cut-off parameters	• The basis of the cut-off grade(s) or quality parameters applied.	• N/A
Mining factors or assumptions	• The method and assumptions used as reported in the Pre-Feasibility or Feasibility Study to convert the Mineral Resource to an Ore Reserve (i.e. either by application of appropriate factors by optimisation or by preliminary or detailed design). • The choice, nature and appropriateness of the selected mining method(s) and other mining parameters including associated design issues such as pre-strip, access, etc. • The assumptions made regarding geotechnical parameters (eg pit slopes, stope sizes, etc), grade control and pre-production drilling. • The major assumptions made and Mineral Resource model used for pit and stope optimisation (if appropriate). • The mining dilution factors used. • The mining recovery factors used. • Any minimum mining widths used. • The manner in which Inferred Mineral Resources are utilised in mining studies and the sensitivity of the outcome to their inclusion. • The infrastructure requirements of the selected mining methods.	• N/A

Criteria	JORC Code explanation	Commentary
Metallurgical factors or assumptions	• The metallurgical process proposed and the appropriateness of that process to the style of mineralisation. • Whether the metallurgical process is well-tested technology or novel in nature. • The nature, amount and representativeness of metallurgical test work undertaken, the nature of the metallurgical domaining applied and the corresponding metallurgical recovery factors applied. • Any assumptions or allowances made for deleterious elements. • The existence of any bulk sample or pilot scale test work and the degree to which such samples are considered representative of the orebody as a whole. • For minerals that are defined by a specification, has the ore reserve estimation been based on the appropriate mineralogy to meet the specifications?	• N/A
Environmen-tal	• The status of studies of potential environmental impacts of the mining and processing operation. Details of waste rock characterisation and the consideration of potential sites, status of design options considered and, where applicable, the status of approvals for process residue storage and waste dumps should be reported.	• N/A
Infrastructure	• The existence of appropriate infrastructure: availability of land for plant development, power, water, transportation (particularly for bulk commodities), labour, accommodation; or the ease with which the infrastructure can be provided, or accessed.	• N/A
Costs	• The derivation of, or assumptions made, regarding projected capital costs in the study. • The methodology used to estimate operating costs. • Allowances made for the content of deleterious elements. • The source of exchange rates used in the study. • Derivation of transportation charges. • The basis for forecasting or source of treatment and refining charges, penalties for failure to meet specification, etc. • The allowances made for royalties payable, both Government and private.	• N/A
Revenue factors	• The derivation of, or assumptions made regarding revenue factors including head grade, metal or commodity price(s) exchange rates, transportation and treatment charges, penalties, net smelter returns, etc. • The derivation of assumptions made of metal or commodity price(s), for the principal metals, minerals and co-products.	• N/A
Market assessment	• The demand, supply and stock situation for the particular commodity, consumption trends and factors likely to affect supply and demand into the future. • A customer and competitor analysis along with the identification of likely market windows for the product. • Price and volume forecasts and the basis for these forecasts. • For industrial minerals the customer specification, testing and acceptance	• N/A

Criteria	JORC Code explanation	Commentary
	requirements prior to a supply contract.	
Economic	• The inputs to the economic analysis to produce the net present value (NPV) in the study, the source and confidence of these economic inputs including estimated inflation, discount rate, etc. • NPV ranges and sensitivity to variations in the significant assumptions and inputs.	• N/A
Social	• The status of agreements with key stakeholders and matters leading to social licence to operate.	• N/A
Other	• To the extent relevant, the impact of the following on the project and/or on the estimation and classification of the Ore Reserves: • Any identified material naturally occurring risks. • The status of material legal agreements and marketing arrangements. • The status of governmental agreements and approvals critical to the viability of the project, such as mineral tenement status, and government and statutory approvals. There must be reasonable grounds to expect that all necessary Government approvals will be received within the timeframes anticipated in the Pre-Feasibility or Feasibility study. Highlight and discuss the materiality of any unresolved matter that is dependent on a third party on which extraction of the reserve is contingent.	• N/A
Classification	• The basis for the classification of the Ore Reserves into varying confidence categories. • Whether the result appropriately reflects the Competent Person's view of the deposit. • The proportion of Probable Ore Reserves that have been derived from Measured Mineral Resources (if any).	• N/A
Audits or reviews	• The results of any audits or reviews of Ore Reserve estimates.	• N/A
Discussion of relative accuracy/ confidence	• Where appropriate a statement of the relative accuracy and confidence level in the Ore Reserve estimate using an approach or procedure deemed appropriate by the Competent Person. For example, the application of statistical or geostatistical procedures to quantify the relative accuracy of the reserve within stated confidence limits, or, if such an approach is not deemed appropriate, a qualitative discussion of the factors which could affect the relative accuracy and confidence of the estimate. • The statement should specify whether it relates to global or local estimates, and, if local, state the relevant tonnages, which should be relevant to technical and economic evaluation. Documentation should include assumptions made and the procedures used. • Accuracy and confidence discussions should extend to specific discussions of any applied Modifying Factors that may have a material impact on Ore Reserve viability, or for which there are remaining areas of uncertainty at the current study stage. • It is recognised that this may not be possible or appropriate in all circumstances.	• N/A

Criteria	JORC Code explanation	Commentary
	These statements of relative accuracy and confidence of the estimate should be compared with production data, where available.	

Section 5 Estimation and Reporting of Diamonds and Other Gemstones

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

Criteria	JORC Code explanation	Commentary
Indicator minerals	• Reports of indicator minerals, such as chemically/physically distinctive garnet, ilmenite, chrome spinel and chrome diopside, should be prepared by a suitably qualified laboratory.	• N/A
Source of diamonds	• Details of the form, shape, size and colour of the diamonds and the nature of the source of diamonds (primary or secondary) including the rock type and geological environment.	• N/A
Sample collection	• Type of sample, whether outcrop, boulders, drill core, reverse circulation drill cuttings, gravel, stream sediment or soil, and purpose (eg large diameter drilling to establish stones per unit of volume or bulk samples to establish stone size distribution). • Sample size, distribution and representivity.	• N/A
Sample treatment	• Type of facility, treatment rate, and accreditation. • Sample size reduction. Bottom screen size, top screen size and re-crush. • Processes (dense media separation, grease, X-ray, hand-sorting, etc). • Process efficiency, tailings auditing and granulometry. • Laboratory used, type of process for micro diamonds and accreditation.	• N/A
Carat	• One fifth (0.2) of a gram (often defined as a metric carat or MC).	• N/A
Sample grade	• Sample grade in this section of Table 1 is used in the context of carats per units of mass, area or volume. • The sample grade above the specified lower cut-off sieve size should be reported as carats per dry metric tonne and/or carats per 100 dry metric tonnes. For alluvial deposits, sample grades quoted in carats per square metre or carats per cubic metre are acceptable if accompanied by a volume to weight basis for calculation. • In addition to general requirements to assess volume and density there is a need to relate stone frequency (stones per cubic metre or tonne) to stone size (carats per stone) to derive sample grade (carats per tonne).	• N/A
Reporting Exploration Results	• Complete set of sieve data using a standard progression of sieve sizes per facies. Bulk sampling results, global sample grade per facies. Spatial structure analysis and grade distribution. Stone size and number distribution. Sample head feed and	• N/A

Criteria	JORC Code explanation	Commentary
	tailings particle granulometry. • Sample density determination. • Per cent concentrate and undersize per sample. • Sample grade with change in bottom cut-off screen size. • Adjustments made to size distribution for sample plant performance and performance on a commercial scale. • If appropriate or employed, geostatistical techniques applied to model stone size, distribution or frequency from size distribution of exploration diamond samples. • The weight of diamonds may only be omitted from the report when the diamonds are considered too small to be of commercial significance. This lower cut-off size should be stated.	
Grade estimation for reporting Mineral Resources and Ore Reserves	• Description of the sample type and the spatial arrangement of drilling or sampling designed for grade estimation. • The sample crush size and its relationship to that achievable in a commercial treatment plant. • Total number of diamonds greater than the specified and reported lower cut-off sieve size. • Total weight of diamonds greater than the specified and reported lower cut-off sieve size. • The sample grade above the specified lower cut-off sieve size.	• N/A
Value estimation	• Valuations should not be reported for samples of diamonds processed using total liberation method, which is commonly used for processing exploration samples. • To the extent that such information is not deemed commercially sensitive, Public Reports should include: o diamonds quantities by appropriate screen size per facies or depth. o details of parcel valued. o number of stones, carats, lower size cut-off per facies or depth. • The average $/carat and $/tonne value at the selected bottom cut-off should be reported in US Dollars. The value per carat is of critical importance in demonstrating project value. • The basis for the price (eg dealer buying price, dealer selling price, etc). • An assessment of diamond breakage.	• N/A
Security and integrity	• Accredited process audit. • Whether samples were sealed after excavation. • Valuer location, escort, delivery, cleaning losses, reconciliation with recorded sample carats and number of stones. • Core samples washed prior to treatment for micro diamonds. • Audit samples treated at alternative facility. • Results of tailings checks. • Recovery of tracer monitors used in sampling and treatment.	• N/A

Criteria	JORC Code explanation	Commentary
	• Geophysical (logged) density and particle density. • Cross validation of sample weights, wet and dry, with hole volume and density, moisture factor.	
Classification	• In addition to general requirements to assess volume and density there is a need to relate stone frequency (stones per cubic metre or tonne) to stone size (carats per stone) to derive grade (carats per tonne). The elements of uncertainty in these estimates should be considered, and classification developed accordingly.	• N/A

ASX ANNOUNCEMENT

18 March 2025

EUROPEAN LITHIUM LTD

Appendix 2 Diamond Drill Hole DX-01 Results for TREO

Hole ID	SAMPLE	From	To	Ce	Dy	Er	Eu	Gd	Ho	La	Lu	Nd	Pr	Sm	Tb	Tm	Y	Yb	Light REO	Heavy REO	TOTAL REO	HEAVY %
Hole ID	Sample	metres	metres	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	PPM	PPM	PPM	REO%
DX-01	10-001	0	1	922.53	66.57	48.94	7.12	63.39	16.50	446.84	6.12	351.09	105.21	70.97	11.74	7.52	361.92	47.71	1903.75	**630.40**	**2534.15**	**25%**
DX-01	10-002	1	2	1449.51	113.62	84.73	10.54	102.81	26.69	684.92	9.62	568.04	166.18	115.03	19.22	12.33	573.99	75.72	2994.22	**1018.75**	**4012.97**	**25%**
DX-01	10-003	2	3	1095.73	87.91	65.41	8.11	78.38	20.39	528.93	7.21	417.57	122.88	84.53	14.16	8.95	445.73	60.35	2257.76	**788.50**	**3046.25**	**26%**
DX-01	10-004	3	4	899.19	65.19	47.00	6.48	62.01	15.58	438.63	5.28	338.26	100.41	69.11	10.84	6.90	345.41	44.18	1852.08	**602.39**	**2454.47**	**25%**
DX-01	10-005	4	5	937.27	65.88	**46.43**	6.54	61.32	16.04	469.12	5.57	344.09	104.74	66.91	10.80	7.08	355.57	42.13	1928.67	**610.81**	**2539.48**	**24%**
DX-01	10-006	5	5.35	1182.95	84.36	66.89	8.86	82.76	21.08	571.15	7.07	450.23	133.41	91.26	14.50	9.09	476.21	60.24	2437.87	**822.20**	**3260.07**	**25%**
DX-01	10-007	5.35	6	2727.05	247.90	179.53	23.27	218.99	59.45	1313.54	20.35	1098.75	323.00	230.76	40.29	25.81	1282.60	161.70	5716.37	**2236.62**	**7952.99**	**28%**
DX-01	10-008	6	7	3820.32	359.23	265.29	32.54	318.12	85.34	1759.20	29.79	1586.30	454.08	335.12	58.24	38.49	1828.66	237.99	7987.57	**3221.15**	**11208.71**	**29%**
DX-01	10-009	7	8	4274.83	421.21	309.89	37.05	367.68	100.46	2005.49	34.57	1831.25	518.44	389.63	69.87	45.80	2133.43	280.12	9056.69	**3763.02**	**12819.71**	**29%**
DX-01	10-010	8	9	3943.16	395.96	279.01	35.08	335.41	91.64	1770.93	31.50	1667.95	471.63	349.04	61.81	40.66	1930.25	256.21	8237.80	**3422.44**	**11660.24**	**29%**
DX-01	10-011	9	10	2235.69	213.47	160.09	20.38	186.72	51.78	1026.20	17.28	943.62	268.00	198.29	33.95	23.07	1137.83	145.75	4692.17	**1969.95**	**6662.13**	**30%**
DX-01	10-012	10	11	1042.91	85.39	64.84	8.45	77.69	20.62	486.71	7.94	416.40	121.71	85.35	14.16	9.50	463.51	59.67	2161.54	**803.31**	**2964.85**	**27%**
DX-01	10-013	11	12.2	1940.87	66.91	35.11	11.69	106.04	13.29	792.81	3.57	884.13	249.27	141.47	14.27	4.39	350.49	26.65	4020.26	**620.71**	**4640.97**	**13%**
DX-01	10-014	12.2	14	496.27	26.51	15.67	3.24	29.97	6.03	272.09	1.91	186.62	55.36	36.41	5.11	2.19	173.98	13.21	1050.00	**274.57**	**1324.57**	**21%**
DX-01	10-015	14	17	352.55	15.84	9.03	2.66	20.75	3.21	194.68	1.48	128.30	39.44	24.35	2.95	1.42	100.32	9.28	741.99	**164.27**	**906.26**	**18%**
DX-01	10-016	17	18.6	313.24	17.79	11.03	2.32	20.98	4.22	151.29	1.64	131.80	36.75	24.24	3.11	1.74	110.48	12.41	659.64	**183.39**	**843.03**	**22%**
DX-01	10-017	18.6	19.6	1744.33	69.89	39.11	11.93	100.05	13.98	777.57	4.14	819.98	234.06	136.83	13.47	5.28	386.05	32.00	3724.69	**663.95**	**4388.65**	**15%**
DX-01	10-018	19.6	21.35	2727.05	137.72	84.39	17.14	167.13	30.81	1266.62	9.37	1189.73	351.09	212.21	25.78	11.65	756.86	73.90	5763.83	**1297.62**	**7061.45**	**18%**
DX-01	10-019	21.35	24.25	1198.92	39.48	27.10	5.33	43.34	8.39	675.53	2.71	348.75	119.37	55.31	6.79	3.68	292.08	22.55	2403.21	**446.10**	**2849.32**	**16%**
DX-01	10-020	24.25	26.7	1867.17	100.88	68.15	11.69	103.96	22.91	888.98	7.66	709.17	214.16	127.56	16.92	9.37	594.31	60.81	3818.74	**984.98**	**4803.72**	**21%**
DX-01	10-021	26.7	29	1326.67	76.21	51.91	8.97	78.38	17.41	655.60	6.00	510.88	152.14	90.22	12.78	7.52	434.31	48.62	2744.48	**733.13**	**3477.61**	**21%**
DX-01	10-022	29	30.2	1375.81	76.09	52.72	8.57	80.68	17.64	704.85	6.28	508.55	154.48	95.55	13.35	7.70	464.78	48.85	2847.81	**768.09**	**3615.90**	**21%**

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Hole ID	SAMPLE	From	To	Ce	Dy	Er	Eu	Gd	Ho	La	Lu	Nd	Pr	Sm	Tb	Tm	Y	Yb	Light REO	Heavy REO	TOTAL REO	HEAVY %
DX-01	10-023	30.2	31	1830.32	161.83	122.35	15.52	147.53	39.52	876.08	13.76	730.17	212.99	156.55	27.28	17.59	887.66	115.01	3821.62	**1532.53**	**5354.15**	**29%**
DX-01	10-024	31	32	1830.32	151.50	111.38	14.82	137.16	35.63	885.46	12.74	741.83	214.16	148.43	24.63	15.88	827.97	101.34	3835.03	**1418.22**	**5253.24**	**27%**
DX-01	10-025	32	33	1437.23	118.21	84.73	11.69	109.04	28.41	701.33	10.39	583.20	168.52	118.28	19.68	12.56	638.76	79.48	3020.26	**1101.27**	**4121.53**	**27%**
DX-01	10-026	33	34	1338.96	103.87	75.70	10.42	94.74	24.51	642.69	8.71	526.05	150.97	104.25	17.38	10.67	571.46	69.80	2773.33	**976.84**	**3750.17**	**26%**
DX-01	10-027	34	35	1338.96	89.64	64.38	9.67	90.82	21.42	669.67	7.39	530.71	156.82	99.96	15.42	9.32	513.04	57.62	2805.78	**869.05**	**3674.84**	**24%**
DX-01	10-028	35	36.1	1547.78	97.44	69.07	11.23	98.20	22.45	727.14	7.76	614.69	180.23	115.61	16.34	9.62	547.33	59.90	3196.68	**928.10**	**4124.78**	**23%**
DX-01	10-029	36.1	37.1	1424.94	97.32	68.27	10.31	93.13	22.91	684.92	7.87	557.54	166.18	108.65	16.80	9.73	540.98	65.25	2952.54	**922.26**	**3874.80**	**24%**
DX-01	10-030	37.1	38	1682.91	136.58	98.34	13.20	124.48	32.88	825.65	11.33	668.35	194.27	133.35	23.02	14.96	758.13	90.98	3517.73	**1290.69**	**4808.42**	**27%**
DX-01	10-031	38	39	1131.36	80.80	59.46	8.39	78.61	19.82	533.62	7.21	459.56	134.58	86.62	13.93	9.07	466.05	55.34	2354.14	**790.28**	**3144.43**	**25%**
DX-01	10-032	39	40	1596.92	131.99	94.57	12.85	117.57	31.04	791.64	11.60	638.02	186.08	139.15	21.41	14.05	722.57	87.22	3364.66	**1232.01**	**4596.68**	**27%**
DX-01	10-033	40	41	1072.39	74.03	51.91	7.18	69.62	17.53	526.59	6.30	403.57	118.20	75.37	12.78	7.81	417.80	49.08	2203.31	**706.85**	**2910.16**	**24%**
DX-01	10-034	41	42.1	1756.61	140.02	103.37	13.43	130.24	34.02	874.91	11.94	716.17	208.31	147.27	23.02	14.85	778.45	95.65	3716.70	**1331.56**	**5048.27**	**26%**
DX-01	10-035	42.1	43	1781.18	157.23	115.49	14.24	140.62	38.83	824.48	13.65	743.00	211.82	150.75	25.55	17.25	881.31	106.01	3725.47	**1495.94**	**5221.41**	**29%**
DX-01	10-036	43	44	998.69	79.99	60.72	8.28	76.53	19.13	492.58	7.21	397.74	115.27	81.29	13.47	9.00	458.43	56.25	2093.85	**780.74**	**2874.59**	**27%**
DX-01	10-037	44	45	1162.07	81.83	57.98	8.22	79.07	19.36	573.50	6.30	443.23	133.41	86.27	14.04	8.63	457.16	53.97	2406.71	**778.35**	**3185.06**	**24%**
DX-01	10-038	45	46	1314.39	103.06	77.30	9.96	95.90	24.51	642.69	8.91	513.22	148.63	102.97	17.15	11.06	595.58	69.92	2731.86	**1003.39**	**3735.25**	**27%**
DX-01	10-039	46	47	1916.30	144.61	105.43	14.94	137.16	33.91	911.27	12.05	776.82	227.04	154.23	24.86	15.30	808.93	93.26	4000.59	**1375.51**	**5376.11**	**26%**
DX-01	10-040	47	48.05	1449.51	112.59	78.67	10.94	102.12	26.00	717.75	8.91	569.20	166.18	110.97	18.07	11.54	605.74	73.56	3024.57	**1037.21**	**4061.78**	**26%**
DX-01	10-041	48.05	49	1240.68	88.83	62.89	8.80	82.76	20.96	622.76	7.46	463.06	139.27	90.22	13.93	9.32	490.18	56.59	2564.78	**832.92**	**3397.71**	**25%**
DX-01	10-042	49	50	1388.09	98.47	70.33	10.02	92.90	23.37	674.36	8.28	535.38	159.16	104.71	16.46	10.28	542.25	65.36	2871.72	**927.69**	**3799.41**	**24%**
DX-01	10-043	50	51	1658.34	131.99	98.46	12.51	121.02	31.96	792.81	11.37	671.85	194.27	129.88	21.64	14.28	730.19	90.19	3459.65	**1251.09**	**4710.74**	**27%**
DX-01	10-044	51	52	1842.60	156.09	112.06	14.94	142.92	38.15	897.19	13.19	754.66	221.19	155.39	25.32	16.67	880.04	105.33	3885.96	**1489.78**	**5375.74**	**28%**
DX-01	10-045	52	53	1510.93	122.80	90.68	11.52	115.26	30.01	711.89	10.73	606.53	174.37	121.76	20.03	13.13	684.48	82.90	3137.00	**1170.02**	**4307.03**	**27%**
DX-01	10-046	53	54	1147.33	77.35	55.80	7.18	72.61	17.87	581.71	6.44	422.24	128.73	82.33	13.47	8.04	438.12	51.58	2369.51	**741.28**	**3110.80**	**24%**
DX-01	10-047	54	55	1127.67	67.71	48.03	7.12	68.69	15.92	557.08	5.41	428.07	127.56	79.08	11.86	6.94	383.51	41.45	2326.59	**649.53**	**2976.12**	**22%**
DX-01	10-048	55	56	1221.03	70.70	48.71	7.64	74.00	16.61	581.71	5.75	486.39	142.78	82.80	12.66	7.13	396.21	44.07	2522.34	**675.84**	**3198.18**	**21%**
DX-01	10-049	56	57	1596.92	99.16	70.44	11.00	100.51	23.37	744.73	7.80	645.02	190.76	113.41	16.46	9.98	538.44	61.95	3301.84	**928.10**	**4229.94**	**22%**
DX-01	10-050	57	58	2088.28	174.45	128.07	16.67	157.91	41.47	1013.30	14.44	846.81	248.10	171.62	28.43	18.62	968.93	116.15	4384.78	**1648.46**	**6033.25**	**27%**
DX-01	10-051	58	59	1221.03	104.90	77.64	9.15	95.67	25.09	579.36	9.62	478.22	140.44	99.26	16.69	11.65	576.53	73.45	2527.46	**991.24**	**3518.70**	**28%**

Hole ID	SAMPLE	From	To	Ce	Dy	Er	Eu	Gd	Ho	La	Lu	Nd	Pr	Sm	Tb	Tm	Y	Yb	Light REO	Heavy REO	TOTAL REO	HEAVY %
DX-01	10-052	59	60	1437.23	119.36	87.82	10.36	106.50	28.18	721.27	10.07	564.54	165.01	113.52	19.57	13.02	675.59	82.44	3011.94	**1142.55**	**4154.49**	**28%**
DX-01	10-053	60	61.35	2776.18	245.61	185.25	23.62	217.84	59.68	1325.26	20.58	1144.24	326.51	233.08	40.17	26.73	1320.70	166.25	5828.90	**2282.80**	**8111.70**	**28%**
DX-01	10-054	61.35	62	1756.61	127.39	89.99	13.08	123.33	30.47	863.18	10.48	684.68	202.46	133.35	20.95	12.91	737.81	84.38	3653.37	**1237.71**	**4891.08**	**25%**
DX-01	10-055	62	63	1228.40	79.99	61.18	8.80	84.14	19.70	613.37	6.64	478.22	141.61	95.09	14.73	8.61	505.42	52.84	2565.49	**833.26**	**3398.75**	**25%**
DX-01	10-056	63	64	1351.24	89.06	62.32	9.26	89.44	20.50	654.42	7.00	533.04	156.82	99.49	15.31	9.30	505.42	54.77	2804.28	**853.13**	**3657.41**	**23%**
DX-01	10-057	64	65	1781.18	122.80	86.33	12.51	115.26	28.87	876.08	9.87	692.84	205.97	126.40	20.14	12.56	679.40	77.55	3694.98	**1152.78**	**4847.76**	**24%**
DX-01	10-058	65	66	1990.01	141.17	102.11	13.66	132.55	33.79	960.52	11.83	781.49	232.89	142.63	23.37	15.08	805.12	93.03	4121.20	**1358.04**	**5479.24**	**25%**
DX-01	10-059	66	67	1768.90	156.09	112.29	14.36	138.31	37.34	854.97	13.76	716.17	208.31	147.27	25.55	16.56	854.64	108.06	3709.98	**1462.61**	**5172.59**	**28%**
DX-01	10-060	67	68	1026.94	81.26	59.58	7.64	74.69	19.59	510.17	7.48	407.07	119.37	81.87	13.70	9.41	460.97	58.53	2153.06	**785.20**	**2938.27**	**27%**
DX-01	10-061	68	69	1400.38	111.44	80.73	10.83	100.97	27.15	702.51	9.14	552.87	161.50	110.51	18.30	11.88	626.06	75.61	2938.59	**1061.28**	**3999.87**	**27%**
DX-01	10-062	69	70	1781.18	111.44	76.73	12.27	111.11	25.89	864.35	8.53	691.68	207.14	129.88	18.53	11.01	632.41	67.75	3686.50	**1063.40**	**4749.90**	**22%**
DX-01	10-063	70	71	1351.24	99.62	71.81	9.78	98.43	24.17	639.18	8.32	535.38	155.65	106.80	16.46	10.00	580.34	65.70	2798.03	**974.87**	**3772.90**	**26%**
DX-01	10-064	71	72	1842.60	123.95	87.25	12.62	119.87	28.64	883.12	9.67	723.17	214.16	136.83	21.18	12.68	702.25	79.37	3812.51	**1184.85**	**4997.36**	**24%**
DX-01	10-065	72	73	2211.12	174.45	128.07	17.02	160.21	42.96	1112.99	14.44	872.47	258.64	170.46	28.89	19.30	990.52	118.42	4642.69	**1677.27**	**6319.96**	**27%**
DX-01	10-066	73	74	2591.92	204.29	149.80	20.38	192.48	48.91	1278.35	16.94	1050.93	301.94	213.37	33.84	22.27	1164.50	138.92	5456.89	**1971.96**	**7428.84**	**27%**
DX-01	10-067	74	75	1658.34	122.80	87.02	11.93	115.26	28.64	817.44	9.87	669.51	196.61	128.72	19.80	12.56	680.67	77.89	3482.55	**1154.51**	**4637.05**	**25%**
DX-01	10-068	75.5	76	1351.24	99.28	69.64	10.13	91.29	22.91	663.80	7.87	536.54	153.31	102.86	16.57	10.78	551.14	65.82	2817.89	**935.29**	**3753.18**	**25%**
DX-01	10-069	76.5	77	1818.03	143.46	102.34	14.13	133.70	33.68	887.81	12.28	759.33	220.02	148.43	24.06	15.08	796.23	97.13	3847.74	**1357.96**	**5205.70**	**26%**
DX-01	10-070	77.5	78	1486.36	111.44	79.36	11.12	105.81	26.35	717.75	9.35	607.69	174.37	115.96	18.42	11.54	617.17	72.99	3113.26	**1052.42**	**4165.68**	**25%**
DX-01	10-071	78.5	79	1265.25	93.31	66.44	9.73	87.37	22.45	626.28	7.50	498.05	146.29	100.54	15.88	9.98	523.20	60.69	2646.13	**886.83**	**3532.96**	**25%**
DX-01	10-072	79.5	80	902.87	60.02	45.63	6.08	56.94	14.32	442.15	5.03	332.42	100.06	63.43	9.90	6.35	342.87	39.85	1847.01	**580.91**	**2427.92**	**24%**
DX-01	10-073	80.5	81	900.42	53.14	37.74	5.50	53.94	12.72	465.60	4.46	324.26	98.66	58.44	9.51	5.55	318.74	34.05	1852.88	**529.84**	**2382.72**	**22%**
DX-01	10-074	81.5	82	1547.78	133.13	98.57	12.39	119.87	31.73	784.60	10.53	607.69	177.89	125.24	21.18	13.93	725.11	91.55	3255.59	**1245.61**	**4501.20**	**28%**
DX-01	10-075	82.5	83	2333.96	222.65	160.09	19.11	192.48	52.23	1144.65	18.53	948.28	272.68	195.97	34.99	23.76	1210.21	148.03	4914.65	**2062.99**	**6977.64**	**30%**
DX-01	10-076	83.5	84	1682.91	146.91	110.58	13.20	130.24	35.63	812.75	13.19	682.34	194.27	136.83	23.83	16.45	814.01	101.23	3522.31	**1392.05**	**4914.35**	**28%**
DX-01	10-077	84.5	85	1351.24	104.90	76.27	10.25	95.90	26.12	642.69	8.94	531.88	154.48	103.20	18.07	11.17	596.85	69.23	2793.74	**1007.45**	**3801.19**	**27%**
DX-01	10-078	85.5	86	1338.96	90.09	63.01	9.26	87.37	20.73	647.39	7.10	521.38	154.48	99.73	14.96	9.09	518.12	57.05	2771.19	**867.52**	**3638.71**	**24%**
DX-01	10-079	86.5	87	1314.39	81.14	57.06	9.32	83.45	19.02	633.31	6.78	503.88	146.29	93.23	13.93	8.68	495.26	55.11	2700.43	**820.42**	**3520.85**	**23%**
DX-01	10-080	87.5	88	1103.10	69.32	49.74	7.24	71.23	16.50	550.04	5.84	425.74	126.39	81.52	11.49	7.36	424.15	45.09	2294.03	**700.72**	**2994.75**	**23%**

Hole ID	SAMPLE	From	To	Ce	Dy	Er	Eu	Gd	Ho	La	Lu	Nd	Pr	Sm	Tb	Tm	Y	Yb	Light REO	Heavy REO	TOTAL REO	HEAVY %
DX-01	10-081	88.5	89	1228.40	85.16	59.23	8.34	82.53	20.62	614.55	7.41	443.23	135.75	85.23	14.16	8.91	499.07	56.14	2515.50	**833.23**	**3348.73**	**25%**
DX-01	10-082	89.5	90	1169.44	72.42	49.97	8.05	74.92	16.27	600.47	5.48	474.72	140.44	87.55	12.32	7.15	440.66	44.98	2480.67	**724.16**	**3204.82**	**23%**
DX-01	10-086	90	91	2432.23	129.69	84.85	15.17	138.31	29.32	1166.94	9.19	928.45	279.70	163.50	22.56	12.33	755.59	74.36	4986.00	**1256.20**	**6242.20**	**20%**
DX-01	10-087	91	92	2272.54	146.91	103.37	17.60	156.75	33.10	1112.99	12.74	936.62	268.00	190.17	26.13	15.19	854.64	101.46	4797.92	**1450.29**	**6248.21**	**23%**
DX-01	10-088	92	93	3279.83	171.01	101.43	22.58	201.71	36.66	1548.10	8.60	1399.68	400.24	272.51	30.50	13.82	987.98	79.03	6922.93	**1630.72**	**8553.65**	**19%**
DX-01	10-089	93	94	1756.61	92.50	60.38	10.83	99.35	20.73	838.55	6.41	684.68	203.63	122.92	16.00	9.00	534.63	52.61	3617.22	**891.62**	**4508.83**	**20%**
DX-01	10-090	94	95	1572.35	91.70	65.29	10.48	94.28	21.65	777.57	7.10	603.03	181.40	111.55	15.54	9.02	551.14	57.96	3256.38	**913.68**	**4170.06**	**22%**
DX-01	10-091	95	95.5	2419.95	128.54	88.39	15.52	137.16	30.01	1134.10	9.44	927.29	278.53	161.18	23.25	12.22	775.91	77.43	4936.57	**1282.36**	**6218.92**	**21%**
DX-01	10-092	95.5	96.5	2653.34	182.48	131.50	19.57	182.11	42.73	1313.54	15.24	1061.42	312.47	204.09	30.73	19.07	1061.64	120.70	5564.43	**1786.21**	**7350.64**	**24%**
DX-01	10-093	96.5	97.5	2149.70	106.28	70.21	13.78	127.94	23.60	1049.66	7.55	844.47	246.93	155.39	18.88	10.00	685.75	63.77	4459.93	**1113.97**	**5573.90**	**20%**
DX-01	10-094	97.5	98.5	1338.96	87.45	62.09	9.78	88.52	20.39	661.46	6.87	523.71	155.65	97.75	14.62	8.75	506.69	54.20	2787.32	**849.58**	**3636.90**	**23%**
DX-01	10-095	98.5	99.5	1363.52	89.41	65.29	9.32	85.52	21.42	690.78	7.32	507.38	152.14	95.32	14.85	9.66	519.39	59.21	2818.47	**872.08**	**3690.54**	**24%**
DX-01	10-096	99.5	100.5	985.18	67.14	47.34	6.89	66.62	15.81	498.44	5.48	394.24	115.39	78.39	11.49	6.46	417.80	43.95	2078.53	**682.09**	**2760.62**	**25%**
DX-01	10-097	100.5	101.5	1891.74	125.10	83.02	14.71	130.24	28.75	930.03	9.39	770.99	223.53	154.23	21.52	11.88	811.47	75.61	3985.22	**1296.98**	**5282.20**	**25%**
DX-01	10-098	101.5	102.5	1163.29	87.34	63.92	8.57	82.30	20.73	567.64	7.94	454.90	134.58	89.87	14.50	9.53	501.61	60.69	2418.85	**848.56**	**3267.41**	**26%**
DX-01	10-099	102.5	103.5	1560.07	131.99	100.51	12.04	117.57	31.27	777.57	11.30	617.03	181.40	125.24	21.64	14.73	746.70	92.58	3273.34	**1268.29**	**4541.62**	**28%**
DX-01	10-100	103.5	104.5	1646.06	96.87	62.78	10.19	98.89	21.99	802.20	7.39	647.35	191.93	115.96	16.46	9.23	553.68	58.30	3413.68	**925.59**	**4339.27**	**21%**
DX-01	10-101	104.5	105.5	991.32	63.24	45.05	6.89	64.08	15.01	517.20	4.80	400.08	120.54	76.07	10.61	6.05	373.35	38.03	2112.10	**620.23**	**2732.33**	**23%**
DX-01	10-102	105.5	106.5	1609.20	90.55	63.46	10.54	100.51	21.31	758.80	7.12	641.52	187.25	109.35	16.00	9.02	534.63	57.39	3316.66	**899.99**	**4216.65**	**21%**
DX-01	10-103	106.5	107.5	1486.36	99.85	71.58	10.36	94.05	23.94	735.35	8.07	564.54	169.69	109.35	16.69	10.46	570.19	64.68	3075.65	**959.51**	**4035.17**	**24%**
DX-01	10-104	107.5	108.5	1732.04	123.95	91.14	12.51	116.41	29.78	852.63	10.44	683.51	201.29	132.19	20.83	13.48	709.87	83.13	3614.17	**1199.03**	**4813.20**	**25%**
DX-01	10-105	108.5	109.5	1523.22	119.36	85.19	11.29	106.73	27.26	748.25	10.01	603.03	176.72	115.84	18.88	12.11	650.19	76.41	3178.34	**1106.13**	**4284.47**	**26%**
DX-01	10-106	109.5	110.5	1719.76	122.80	90.68	12.39	118.72	29.90	813.92	10.35	677.68	197.78	127.56	21.06	13.02	704.79	80.51	3549.09	**1191.83**	**4740.92**	**25%**
DX-01	10-107	110.5	111.5	1854.88	151.50	111.83	14.82	133.70	35.85	885.46	12.74	713.84	211.82	143.79	24.52	16.22	838.13	99.75	3824.62	**1424.24**	**5248.86**	**27%**
DX-01	10-108	111.5	112.5	1904.02	149.20	108.18	14.82	133.70	35.51	913.61	12.39	783.82	225.87	148.43	24.52	15.30	824.17	98.38	3990.57	**1401.35**	**5391.92**	**26%**
DX-01	10-109	112.5	113.5	1781.18	142.31	102.92	14.24	130.24	33.45	847.93	11.48	722.00	210.65	142.63	23.37	14.85	782.26	92.58	3718.64	**1333.45**	**5052.10**	**26%**
DX-01	10-110	113.5	114.5	1596.92	130.84	93.42	12.51	119.87	31.39	789.29	10.39	649.68	193.10	132.19	21.06	13.59	720.03	85.86	3373.70	**1226.46**	**4600.16**	**27%**
DX-01	10-112	114.5	115.5	1732.04	143.46	104.29	13.43	122.18	33.45	844.42	11.48	673.01	197.78	134.51	22.44	15.19	780.99	92.69	3595.20	**1326.17**	**4921.37**	**27%**
DX-01	10-113	115.5	116.5	1560.07	129.69	96.28	12.04	119.87	31.27	743.56	10.62	610.03	177.89	122.92	21.29	13.82	717.49	83.69	3226.50	**1224.04**	**4450.53**	**28%**

Hole ID	SAMPLE	From	To	Ce	Dy	Er	Eu	Gd	Ho	La	Lu	Nd	Pr	Sm	Tb	Tm	Y	Yb	Light REO	Heavy REO	TOTAL REO	HEAVY %
DX-01	10-114	116.5	117.5	1707.48	137.72	100.63	13.66	125.63	32.99	828.00	11.30	677.68	197.78	134.51	22.56	14.85	772.10	91.55	3559.11	**1309.34**	**4868.44**	**27%**
DX-01	10-115	117.5	118.5	1547.78	126.25	91.14	12.39	112.95	30.36	737.69	10.42	618.19	179.06	122.92	20.83	13.59	708.60	81.99	3218.03	**1196.13**	**4414.16**	**27%**
DX-01	10-116	118.5	119.5	1596.92	128.54	94.80	12.62	118.72	30.93	775.22	10.37	645.02	186.08	127.56	20.83	13.82	709.87	84.49	3343.41	**1212.37**	**4555.79**	**27%**
DX-01	10-117	120	120.5	1695.19	141.17	101.31	14.13	127.94	33.33	852.63	11.60	678.84	197.78	140.31	22.79	15.42	788.61	94.85	3578.88	**1337.02**	**4915.90**	**27%**
DX-01	10-118	120.5	121.5	1781.18	145.76	109.43	14.82	132.55	35.51	872.56	12.39	713.84	208.31	142.63	23.94	15.99	807.66	99.98	3733.35	**1383.21**	**5116.55**	**27%**
DX-01	10-119	121.5	122.5	1990.01	157.23	117.78	15.98	147.53	37.34	961.70	12.96	809.48	235.23	161.18	26.13	16.79	885.12	103.85	4173.58	**1504.74**	**5678.32**	**26%**
DX-01	10-120	122.5	123.5	1768.90	149.20	112.86	14.59	132.55	35.17	876.08	12.28	698.67	201.29	135.67	24.06	16.33	836.86	100.66	3695.21	**1419.97**	**5115.18**	**28%**
DX-01	10-121	123.5	124	1854.88	156.09	117.78	15.28	140.62	37.57	918.30	13.53	723.17	212.99	144.95	25.44	17.13	860.99	107.61	3869.58	**1476.76**	**5346.34**	**28%**
DX-01	10-122	124	125	2014.58	156.09	114.35	15.40	144.08	38.15	995.71	13.19	791.99	235.23	160.02	25.55	17.02	876.23	104.87	4212.92	**1489.52**	**5702.45**	**26%**
DX-01	10-123	125	126	1928.59	149.20	111.03	15.40	139.46	35.74	948.80	12.39	776.82	224.70	154.23	24.75	15.88	816.55	100.09	4048.53	**1405.09**	**5453.62**	**26%**
DX-01	10-124	126	127	1695.19	143.46	104.06	13.66	130.24	34.48	843.24	12.05	680.01	197.78	141.47	23.48	15.42	792.42	94.28	3571.36	**1349.90**	**4921.26**	**27%**
DX-01	10-125	127	128	979.03	75.86	55.46	7.70	66.85	18.67	504.30	4.82	389.58	112.35	77.93	11.28	8.45	417.80	54.66	2070.89	**713.85**	**2784.74**	**26%**
DX-01	10-126	128	129	808.29	61.29	42.42	5.62	51.87	14.09	419.86	3.80	309.10	92.92	60.53	8.98	6.46	335.25	42.13	1696.31	**566.29**	**2262.61**	**25%**
DX-01	10-127	129	130	1646.06	96.29	62.32	10.36	93.36	21.54	845.59	5.12	660.18	195.44	119.44	14.96	9.34	543.52	60.01	3477.07	**906.46**	**4383.53**	**21%**
DX-01	10-128	130	131	1560.07	85.73	58.55	9.78	88.75	19.70	799.85	5.00	619.36	182.57	110.16	13.81	8.47	488.91	53.97	3281.79	**822.91**	**4104.70**	**20%**
DX-01	10-129	131	132	1090.82	62.78	41.85	7.12	62.24	14.32	582.88	3.41	426.90	127.56	76.30	9.90	6.30	360.65	37.46	2311.59	**598.92**	**2910.51**	**21%**
DX-01	10-130	132	133	1375.81	92.28	61.29	9.84	88.75	20.73	708.37	5.21	563.37	166.18	108.19	14.50	9.37	515.58	57.50	2931.77	**865.21**	**3796.98**	**23%**
DX-01	10-131	133	134	2813.04	261.68	192.11	22.93	212.08	61.63	1477.73	15.24	1130.24	330.02	235.40	38.44	29.47	1434.99	184.47	6009.36	**2430.09**	**8439.45**	**29%**
DX-01	10-132	134	135	1050.28	85.62	63.12	7.70	71.46	20.28	565.29	5.80	419.90	121.71	81.17	12.43	9.43	480.02	59.55	2246.06	**807.72**	**3053.77**	**26%**
DX-01	10-133	135	136	1149.78	77.58	54.89	7.18	68.00	17.87	612.20	4.50	439.73	133.41	83.03	11.51	8.50	448.27	53.18	2425.34	**744.31**	**3169.65**	**23%**
DX-01	10-134	136	137	1265.25	83.44	60.95	8.22	74.92	20.16	711.89	5.19	452.56	142.78	88.83	13.12	9.09	510.50	57.50	2669.53	**834.87**	**3504.40**	**24%**
DX-01	10-135	137	138	949.55	73.57	51.34	6.54	61.09	17.53	539.49	4.50	344.09	105.09	71.20	10.59	8.20	434.31	50.79	2015.96	**711.91**	**2727.87**	**26%**
DX-01	10-136	138	139	1065.02	64.39	43.91	6.48	62.24	15.01	568.81	3.96	390.74	122.88	73.40	10.13	6.78	383.51	41.90	2227.34	**631.83**	**2859.17**	**22%**
DX-01	10-137	139	140	2235.69	91.01	61.52	11.69	95.67	20.50	1278.35	3.96	796.65	256.30	121.76	14.73	8.59	576.53	50.90	4700.44	**923.42**	**5623.86**	**16%**
DX-01	10-138	140	141	1867.17	105.59	70.55	11.81	100.28	23.94	951.14	5.73	737.16	223.53	132.19	15.88	10.46	596.85	63.77	3923.01	**993.06**	**4916.06**	**20%**
DX-01	10-139	141	142	2616.49	185.93	133.79	18.64	167.13	43.07	1290.08	11.12	1031.10	304.28	200.61	28.54	19.87	1048.94	119.56	5461.20	**1757.95**	**7219.15**	**24%**
DX-01	10-140	142	143	1572.35	126.25	90.11	11.69	110.65	29.67	820.96	7.91	642.69	186.08	124.08	19.57	14.05	716.22	87.91	3357.85	**1202.33**	**4560.18**	**26%**
DX-01	10-141	143	144	1560.07	79.88	50.77	8.51	76.07	17.64	813.92	3.87	583.20	179.06	101.23	12.20	7.79	462.24	48.62	3245.99	**759.09**	**4005.08**	**19%**
DX-01	10-143	145	146	1076.08	63.81	42.65	6.77	58.78	15.01	601.65	3.98	390.74	118.20	69.58	9.67	6.67	398.75	43.61	2263.02	**642.93**	**2905.95**	**22%**

Hole ID	SAMPLE	From	To	Ce	Dy	Er	Eu	Gd	Ho	La	Lu	Nd	Pr	Sm	Tb	Tm	Y	Yb	Light REO	Heavy REO	TOTAL REO	HEAVY %
DX-01	10-144	146	147	1388.09	96.06	66.32	9.61	86.45	22.11	718.93	5.98	548.21	161.50	105.29	14.50	9.91	552.41	62.17	2931.63	**915.92**	**3847.55**	**24%**
DX-01	10-145	147	148	1621.49	84.70	56.95	9.49	79.53	18.67	869.04	3.96	599.53	183.74	102.28	13.12	7.95	493.99	51.24	3385.57	**810.11**	**4195.68**	**19%**
DX-01	10-146	148	148.8	827.94	52.11	35.68	5.33	44.95	11.91	440.97	3.43	302.10	90.93	57.86	7.60	5.48	308.59	35.98	1725.13	**505.73**	**2230.86**	**23%**
DX-01	10-147	149	150.8	1584.64	105.59	76.39	11.46	100.28	24.86	790.47	5.96	653.18	190.76	121.76	16.34	10.69	608.28	67.75	3352.27	**1016.14**	**4368.40**	**23%**
DX-01	10-148	150.8	152	2628.78	222.65	156.66	21.31	190.18	53.15	1395.63	14.67	1066.09	315.98	211.05	33.61	23.98	1244.50	150.31	5638.83	**2089.72**	**7728.55**	**27%**
DX-01	10-149	152	153	1326.67	97.32	69.52	9.55	86.45	22.91	677.88	6.37	520.21	155.65	101.93	14.96	10.53	573.99	68.21	2791.90	**950.27**	**3742.16**	**25%**
DX-01	10-150	153	154	1523.22	101.69	68.95	10.36	84.14	22.91	791.64	5.37	586.70	176.72	110.16	14.27	10.42	595.58	64.91	3198.80	**968.23**	**4167.03**	**23%**
DX-01	10-151	154	154.5	1707.48	96.52	62.32	11.00	91.06	20.73	871.39	4.66	678.84	203.63	121.76	14.27	8.91	567.65	55.80	3594.10	**921.92**	**4516.02**	**20%**
DX-01	10-152	154.5	154.8	1114.16	66.22	46.08	7.12	63.39	15.24	593.44	4.09	419.90	127.56	78.74	10.36	6.76	416.53	42.36	2340.92	**671.03**	**3011.95**	**22%**
DX-01	10-153	155	156	1584.64	91.01	58.32	9.49	88.75	20.50	862.01	5.09	608.86	184.91	108.89	14.27	8.91	537.17	55.91	3358.79	**879.94**	**4238.73**	**21%**
DX-01	10-154	156	157	2481.37	129.69	81.99	14.24	129.09	29.10	1290.08	6.32	920.29	283.21	158.87	20.49	11.99	775.91	72.65	5148.06	**1257.23**	**6405.28**	**20%**
DX-01	10-155	157	158	718.61	46.48	32.93	4.63	40.34	11.00	377.64	2.93	268.27	81.45	51.49	6.68	4.82	276.84	31.88	1502.10	**453.90**	**1956.00**	**23%**
DX-01	10-156	158	159	684.22	44.76	30.42	4.63	38.04	10.26	341.28	2.23	279.94	81.10	52.53	6.22	4.39	253.98	28.92	1443.70	**419.21**	**1862.91**	**23%**
DX-01	10-158	159	159.7	2407.66	210.03	149.80	19.22	177.50	50.86	1231.44	13.87	991.44	289.06	202.93	31.54	22.84	1165.77	141.20	5141.76	**1963.41**	**7105.17**	**28%**
DX-01	10-159	159.7	160.7	5429.53	518.76	381.93	46.43	492.16	124.86	2814.72	29.22	2216.16	644.84	466.16	75.28	57.56	2831.88	357.55	11617.83	**4869.20**	**16487.03**	**30%**
DX-01	10-160	160.7	161.7	3378.10	299.55	216.12	27.67	237.44	70.79	1724.02	16.15	1388.02	406.09	280.62	42.13	32.66	1650.87	202.69	7204.52	**2768.39**	**9972.92**	**28%**
DX-01	10-161	161.7	162.7	931.13	63.47	44.60	6.31	55.32	15.01	479.68	3.66	366.25	108.02	70.50	9.21	6.92	389.86	43.61	1961.88	**631.66**	**2593.54**	**24%**
DX-01	10-162	162.7	163.7	1400.38	82.98	56.95	9.32	84.14	18.67	744.73	4.87	566.87	169.69	104.13	13.35	7.77	488.91	52.61	2995.12	**810.24**	**3805.36**	**21%**
DX-01	10-163	163.7	164.7	1375.81	85.04	57.29	9.15	85.29	18.44	666.15	4.96	554.04	163.84	99.96	13.58	8.15	481.29	51.24	2868.95	**805.30**	**3674.24**	**22%**
DX-01	10-164	164.7	165.7	1351.24	78.96	50.66	9.03	74.92	17.41	674.36	4.28	554.04	160.33	99.96	12.20	7.79	457.16	48.05	2848.96	**751.43**	**3600.39**	**21%**
DX-01	10-165	165.7	166.7	1535.50	85.96	59.00	9.38	78.38	19.82	808.06	4.53	583.20	174.37	105.76	12.89	8.59	510.50	52.49	3216.27	**832.16**	**4048.43**	**21%**
DX-01	10-166	166.7	167.5	2874.46	136.58	89.76	16.21	139.46	30.47	1407.36	8.19	1108.08	345.24	189.01	21.41	13.02	779.72	78.68	5940.36	**1297.29**	**7237.65**	**18%**
DX-01	10-167	167.5	168.5	2481.37	133.13	89.99	15.28	129.09	31.04	1207.98	6.71	991.44	299.60	175.10	20.26	13.48	759.40	84.26	5170.77	**1267.37**	**6438.14**	**20%**
DX-01	10-168	168.5	169.5	2653.34	180.19	128.07	18.64	167.13	41.93	1336.99	9.14	1062.59	318.32	199.45	28.08	18.96	1018.46	119.56	5589.34	**1711.52**	**7300.86**	**23%**
DX-01	10-169	169.5	170.5	1682.91	122.80	92.39	11.46	110.65	29.78	899.54	8.89	648.52	194.27	125.24	19.34	13.93	726.38	89.62	3561.93	**1213.79**	**4775.73**	**25%**
DX-01	10-170	170.5	171.5	1412.66	81.95	55.00	9.09	78.38	18.44	749.42	4.00	572.70	167.35	105.99	12.43	8.57	458.43	51.01	3017.21	**768.21**	**3785.43**	**20%**
DX-01	10-171	171.5	172.5	1277.54	72.88	48.94	8.28	65.70	16.84	660.29	3.93	502.72	147.46	89.98	10.59	6.92	435.58	45.89	2686.26	**707.27**	**3393.53**	**21%**
DX-01	10-172	172.5	173.5	1547.78	491.22	359.06	24.08	244.35	117.99	752.94	22.74	678.84	191.93	192.49	62.38	52.65	2996.96	309.73	3388.07	**4657.08**	**8045.15**	**58%**
DX-01	10-173	173.5	174.5	2076.00	487.77	371.64	27.56	282.39	121.42	1037.93	23.77	898.13	253.96	237.72	64.92	52.99	2933.47	305.17	4531.28	**4643.54**	**9174.82**	**51%**

Hole ID	SAMPLE	From	To	Ce	Dy	Er	Eu	Gd	Ho	La	Lu	Nd	Pr	Sm	Tb	Tm	Y	Yb	Light REO	Heavy REO	TOTAL REO	HEAVY %
DX-01	10-174	174.5	175.5	1093.28	86.88	59.46	8.05	77.22	20.05	558.25	5.37	436.23	128.73	88.59	13.35	9.02	505.42	61.03	2313.14	**837.81**	**3150.95**	**27%**
DX-01	10-175	175.5	176.5	1424.94	97.67	67.47	9.78	94.51	22.57	703.68	5.96	578.53	170.86	112.37	15.19	10.44	589.23	64.68	3000.17	**967.72**	**3967.89**	**24%**
DX-01	10-176	176.5	177.5	1781.18	100.54	66.09	12.16	103.73	23.14	886.64	5.28	730.17	216.51	128.72	16.34	9.87	613.36	62.74	3755.36	**1001.10**	**4756.46**	**21%**
DX-01	10-177	177.5	178.5	1225.94	78.62	50.43	8.68	77.22	17.98	618.07	4.25	508.55	148.63	93.58	12.20	7.93	463.51	47.94	2603.45	**760.09**	**3363.54**	**23%**
DX-01	10-178	178.5	179.5	1633.77	104.67	71.13	11.46	100.28	23.94	825.65	5.84	676.51	197.78	122.92	16.11	10.71	628.60	66.16	3468.10	**1027.44**	**4495.54**	**23%**
DX-01	10-179	180	180.5	1498.65	91.47	62.21	9.38	84.14	20.85	802.20	5.16	548.21	167.35	102.39	13.81	9.43	547.33	58.98	3128.18	**893.39**	**4021.56**	**22%**
DX-01	10-180	180.5	181.5	1621.49	126.25	89.08	12.39	114.11	29.32	839.72	6.80	657.85	193.10	134.51	19.34	13.36	726.38	83.01	3459.07	**1207.65**	**4666.72**	**26%**
DX-01	10-181	181.5	182.5	2346.24	183.63	134.93	17.48	164.82	43.30	1243.17	11.71	924.96	276.19	178.58	28.54	20.10	1060.37	122.98	4986.62	**1770.39**	**6757.01**	**26%**
DX-01	10-182	182.5	183.5	1138.73	81.37	56.72	7.58	73.77	19.36	606.34	4.87	428.07	127.56	80.36	13.12	8.95	493.99	54.54	2388.64	**806.69**	**3195.33**	**25%**
DX-01	10-185	183.5	184.5	829.17	62.32	47.23	6.08	58.78	15.35	426.90	4.68	342.92	97.49	65.05	10.13	7.10	375.89	45.55	1767.61	**627.03**	**2394.64**	**26%**
DX-01	10-186	184.5	185.5	744.41	58.65	44.14	5.67	55.32	14.43	378.81	3.48	317.26	90.00	60.65	9.44	6.74	356.84	44.07	1596.80	**593.11**	**2189.91**	**27%**
DX-01	10-187	185.5	186.5	732.13	58.76	43.34	5.79	53.02	13.98	374.12	3.75	302.10	89.64	58.44	8.75	6.42	333.98	42.47	1562.23	**564.47**	**2126.70**	**27%**
DX-01	10-188	186.5	187.5	827.94	67.14	50.31	6.60	59.94	16.27	421.04	5.28	346.42	99.94	68.30	10.36	7.26	389.86	47.37	1770.24	**653.78**	**2424.03**	**27%**
DX-01	10-189	187.5	188.5	840.23	65.88	49.40	6.37	58.78	16.27	416.34	4.75	347.59	99.48	66.79	9.90	7.38	383.51	49.42	1776.79	**645.28**	**2422.08**	**27%**
DX-01	10-191	188.5	189.5	1202.60	105.59	76.04	9.49	89.90	25.54	642.69	7.14	485.22	140.44	97.87	15.65	11.88	620.98	76.18	2578.32	**1028.91**	**3607.23**	**29%**
DX-01	10-192	189.5	190.5	1547.78	135.43	101.31	12.04	112.95	32.99	803.37	8.14	618.19	179.06	124.08	20.26	15.30	784.80	94.85	3284.52	**1306.04**	**4590.56**	**28%**
DX-01	10-193	190.5	191.5	956.92	80.68	58.32	7.64	69.16	19.24	496.09	5.94	387.24	110.71	78.27	11.74	8.93	462.24	57.05	2036.89	**773.30**	**2810.19**	**28%**
DX-01	10-194	191.5	192.5	2407.66	220.36	164.66	19.22	184.42	53.72	1290.08	13.08	963.45	282.04	193.65	33.15	25.13	1244.50	154.86	5156.11	**2093.88**	**7249.99**	**29%**
DX-01	10-195	192.5	193.5	1023.26	81.72	61.86	8.05	74.92	19.82	526.59	5.41	412.91	119.37	81.87	13.12	9.30	486.37	58.98	2172.04	**811.50**	**2983.54**	**27%**
DX-01	10-196	193.5	194.5	744.41	57.84	41.97	5.44	50.71	13.06	377.64	4.00	300.93	87.54	56.82	8.75	6.40	332.71	41.22	1572.78	**556.66**	**2129.45**	**26%**
DX-01	10-197	194.5	195.5	789.86	65.53	48.14	6.37	57.63	15.69	418.69	4.43	330.09	94.33	63.08	9.67	7.36	382.24	48.74	1702.42	**639.43**	**2341.85**	**27%**
DX-01	10-198	195.5	196.5	922.53	74.03	57.06	7.06	63.39	18.33	469.12	5.21	369.75	106.26	71.20	10.82	8.73	434.31	57.39	1945.92	**729.26**	**2675.18**	**27%**
DX-01	10-199	196.5	197.5	764.06	59.45	43.22	5.50	51.87	14.43	390.54	4.37	303.26	89.29	57.28	8.98	6.94	346.68	42.59	1609.95	**578.53**	**2188.48**	**26%**
DX-01	10-200	197.5	198.5	788.63	62.66	46.54	5.96	54.17	14.43	405.79	3.75	313.76	91.52	59.49	9.21	7.06	363.19	46.23	1665.15	**607.25**	**2272.40**	**27%**
DX-01	10-201	198.5	199.5	432.40	25.59	20.24	2.84	24.20	6.35	216.97	2.82	162.13	50.79	30.85	3.91	3.40	156.20	26.19	895.97	**268.91**	**1164.88**	**23%**
DX-01	10-202	199.5	200.5	647.37	35.92	25.04	4.75	35.73	7.81	321.35	2.30	269.44	78.29	46.15	5.52	3.81	201.91	24.25	1367.34	**342.31**	**1709.66**	**20%**
DX-01	10-203	200.5	201.5	834.08	44.65	29.27	6.37	51.87	9.81	409.31	2.84	363.92	104.39	64.47	8.06	4.25	245.09	26.30	1782.54	**422.13**	**2204.68**	**19%**
DX-01	10-205	201.5	202.35	867.25	45.45	29.27	5.96	51.87	10.08	416.34	2.52	373.25	107.67	66.45	7.60	4.00	242.55	27.90	1836.92	**421.24**	**2258.16**	**19%**
DX-01	10-206	202.35	203.35	744.41	35.23	21.73	5.62	42.65	7.72	351.84	2.18	334.76	94.79	58.44	5.99	3.04	185.41	18.56	1589.86	**322.50**	**1912.36**	**17%**

Hole ID	SAMPLE	From	To	Ce	Dy	Er	Eu	Gd	Ho	La	Lu	Nd	Pr	Sm	Tb	Tm	Y	Yb	Light REO	Heavy REO	TOTAL REO	HEAVY %
DX-01	10-207	203.35	204.35	708.79	34.78	22.76	4.28	38.04	7.93	354.19	1.93	304.43	86.95	51.37	5.76	3.33	194.29	22.32	1510.01	**331.13**	**1841.14**	**18%**
DX-01	10-208	204.35	205.35	1115.39	41.66	25.39	5.79	51.87	9.16	594.61	2.30	423.40	132.24	69.11	7.14	3.81	265.41	24.82	2340.55	**431.56**	**2772.10**	**16%**
DX-01	10-209	205.35	206.35	1977.72	156.09	116.64	14.59	129.09	37.92	1041.45	8.73	750.00	224.70	144.95	22.79	17.70	909.25	112.50	4153.40	**1510.71**	**5664.11**	**27%**
DX-01	10-210	206.35	207.35	3623.78	331.69	245.85	28.25	270.86	79.61	1946.85	20.81	1411.34	417.80	287.58	48.80	37.69	1879.45	233.43	7715.60	**3148.20**	**10863.80**	**29%**
DX-01	10-211	207.35	208.35	2063.71	177.89	129.22	16.09	146.38	42.50	1111.81	9.78	811.81	236.40	161.18	25.78	20.10	1042.59	127.53	4401.02	**1721.77**	**6122.79**	**28%**
DX-01	10-212	208.35	209.35	1781.18	148.05	98.23	15.17	139.46	33.22	930.03	7.12	734.83	212.99	156.55	23.48	14.16	999.41	87.34	3830.75	**1550.47**	**5381.23**	**29%**
DX-01	10-213	209.35	210	2137.42	105.59	60.38	13.20	114.11	22.57	1184.53	4.98	794.32	245.76	146.11	17.50	8.79	801.31	52.27	4521.34	**1187.48**	**5708.82**	**21%**
DX-01	10-214	210	211	2800.75	101.69	55.46	18.87	156.75	20.39	1407.36	5.14	1178.06	338.22	222.64	19.57	8.31	713.68	53.18	5965.91	**1134.17**	**7100.08**	**16%**
DX-01	10-215	211	212.2	2432.23	90.67	47.68	17.95	146.38	17.53	1243.17	3.89	1024.10	293.75	205.25	18.19	6.90	619.71	43.84	5216.44	**994.78**	**6211.22**	**16%**
DX-01	10-216	212.2	213	1977.72	101.69	65.64	14.24	121.02	22.34	1068.42	5.69	787.32	234.06	157.71	17.50	9.80	655.27	64.11	4239.47	**1063.04**	**5302.51**	**20%**
DX-01	10-217	213	214	2186.55	190.52	138.36	15.98	157.91	45.36	1165.76	12.51	857.30	252.78	171.62	28.08	21.24	1101.00	132.09	4650.00	**1827.08**	**6477.08**	**28%**
DX-01	10-218	214	215	2616.49	234.13	174.96	20.26	198.25	57.62	1407.36	15.12	1032.26	305.45	209.89	35.45	27.07	1384.19	169.67	5591.72	**2296.45**	**7888.17**	**29%**
DX-01	10-219	215	216	1252.97	104.67	75.24	9.15	87.60	24.63	668.50	6.89	498.05	146.29	97.52	15.19	11.88	615.90	75.95	2672.47	**1017.95**	**3690.43**	**28%**
DX-01	10-220	216	217	1111.70	83.21	60.26	7.93	72.61	19.93	586.40	5.12	424.57	126.39	80.94	12.89	9.37	500.34	60.12	2337.94	**823.85**	**3161.79**	**26%**
DX-01	10-221	217	218	1109.25	81.03	57.98	7.29	69.16	19.02	579.36	5.84	410.57	122.88	82.10	11.74	8.98	486.37	57.39	2311.46	**797.50**	**3108.96**	**26%**
DX-01	10-222	218	219	1326.67	102.72	74.67	9.78	94.51	23.94	718.93	7.10	533.04	155.65	105.29	16.34	11.28	619.71	72.99	2849.37	**1023.27**	**3872.64**	**26%**
DX-01	10-223	219	219.8	963.07	76.32	55.46	7.53	70.31	18.90	521.90	4.71	381.41	114.46	77.23	12.20	8.68	481.29	54.54	2065.59	**782.42**	**2848.00**	**27%**
DX-01	10-224	219.8	221	1096.96	83.09	61.06	8.22	74.92	19.93	564.12	6.09	425.74	125.22	83.84	13.12	9.34	501.61	58.30	2304.10	**827.48**	**3131.57**	**26%**
DX-01	10-225	221	222	1084.68	81.37	57.75	7.70	74.92	19.47	571.15	5.64	421.07	124.05	81.87	12.89	8.50	481.29	56.48	2290.52	**798.31**	**3088.83**	**26%**
DX-01	10-226	222	223	952.01	74.03	56.03	6.54	65.70	17.64	498.44	4.96	369.75	108.49	70.62	11.28	8.15	439.39	52.49	2005.85	**729.67**	**2735.52**	**27%**
DX-01	10-227	223	224	1162.07	82.98	57.98	8.34	72.61	19.70	605.16	5.66	461.89	134.58	86.85	12.43	9.00	505.42	57.62	2458.90	**823.40**	**3282.30**	**25%**
DX-01	10-228	224	225	958.15	75.52	54.77	7.29	64.55	17.64	511.34	4.34	369.75	110.13	71.32	11.05	8.09	439.39	51.70	2027.98	**727.04**	**2755.02**	**26%**
DX-01	10-229	225	225.6	918.84	66.45	45.63	6.43	55.32	15.92	493.75	3.80	341.76	102.64	65.98	9.21	6.78	388.59	44.64	1929.39	**636.34**	**2565.73**	**25%**
DX-01	10-230	225.6	226.6	1115.39	85.73	63.81	8.05	76.07	20.73	578.19	5.48	419.90	125.22	84.53	13.58	9.30	515.58	61.26	2331.29	**851.55**	**3182.83**	**27%**
DX-01	10-231	226.6	227.6	1171.89	92.28	67.24	8.97	84.14	22.57	618.07	5.66	458.40	136.93	91.03	14.04	10.03	546.06	65.13	2485.28	**907.14**	**3392.42**	**27%**
DX-01	10-232	227.6	228.6	1768.90	156.09	114.12	14.13	134.85	38.37	921.82	9.51	695.17	208.31	142.63	24.17	18.27	905.44	112.50	3750.96	**1513.33**	**5264.29**	**29%**
DX-01	10-233	228.6	229.6	2432.23	215.77	160.09	20.26	179.81	51.89	1266.62	13.99	955.28	285.55	194.81	32.00	24.10	1219.10	151.45	5154.77	**2048.19**	**7202.95**	**28%**
DX-01	10-234	229.6	230.6	1449.51	115.92	86.11	10.83	99.12	27.95	767.01	7.25	558.71	167.35	110.16	17.27	13.36	685.75	81.19	3063.57	**1133.91**	**4197.48**	**27%**
DX-01	10-235	230.6	231.5	1338.96	106.62	80.62	10.07	96.82	26.00	722.44	7.14	516.72	153.31	101.70	16.80	12.11	646.38	78.23	2843.20	**1070.72**	**3913.91**	**27%**

Hole ID	SAMPLE	From	To	Ce	Dy	Er	Eu	Gd	Ho	La	Lu	Nd	Pr	Sm	Tb	Tm	Y	Yb	Light REO	Heavy REO	TOTAL REO	HEAVY %
DX-01	10-236	231.5	232.5	996.23	81.60	57.75	7.87	66.85	19.13	528.93	5.84	390.74	115.63	77.11	11.74	8.98	480.02	57.28	2116.52	**789.19**	**2905.71**	**27%**
DX-01	10-237	232.5	233.5	1240.68	94.80	69.64	8.97	84.14	23.37	667.32	6.53	479.39	143.95	93.93	14.50	10.76	576.53	66.96	2634.25	**947.23**	**3581.47**	**26%**
DX-01	10-238	233.5	234.5	1289.82	92.50	64.95	8.74	79.53	21.08	676.71	5.71	494.55	148.63	97.29	14.04	9.73	543.52	62.40	2715.74	**893.46**	**3609.20**	**25%**
DX-01	10-239	234.5	235.5	1069.94	81.14	57.75	7.64	70.31	18.67	560.60	5.03	400.08	120.54	80.24	12.20	8.68	495.26	55.68	2239.04	**804.72**	**3043.76**	**26%**
DX-01	10-240	235.5	236.5	1080.99	77.35	55.46	7.41	69.16	17.64	559.43	4.21	404.74	122.88	78.27	11.74	8.18	458.43	52.95	2253.72	**755.12**	**3008.84**	**25%**
DX-01	10-241	236.5	237.5	2014.58	192.81	141.79	16.44	159.06	45.82	1061.38	10.55	788.49	234.06	171.62	28.31	21.47	1219.10	137.78	4286.57	**1956.71**	**6243.28**	**31%**
DX-01	10-242	237.5	238.5	2076.00	183.63	139.51	16.44	154.45	44.56	1101.26	11.83	833.98	248.10	165.82	27.16	20.67	1047.67	133.23	4441.60	**1762.70**	**6204.30**	**28%**
DX-01	10-243	238.5	239.5	1830.32	157.23	115.49	14.59	134.85	37.69	954.66	11.35	730.17	214.16	146.11	24.17	18.05	904.17	112.50	3890.01	**1515.51**	**5405.51**	**28%**
DX-01	10-244	239.5	240.5	944.64	77.24	55.46	7.12	66.85	18.67	511.34	5.21	359.25	108.37	72.82	11.51	8.47	448.27	56.59	2003.55	**748.28**	**2751.83**	**27%**
DX-01	10-245	240.5	241.5	1010.97	77.35	56.03	7.70	65.70	18.67	535.97	5.34	381.41	114.46	73.87	11.28	8.59	462.24	55.80	2124.38	**761.01**	**2885.39**	**26%**
DX-01	10-246	241.5	242.5	1162.07	88.14	65.87	8.28	77.22	21.42	625.10	5.75	454.90	133.41	86.04	13.58	9.84	552.41	63.08	2469.80	**897.32**	**3367.13**	**27%**
DX-01	10-247	242.5	243.5	1302.10	97.67	71.13	9.32	85.29	23.14	694.30	5.89	510.88	150.97	99.73	14.96	10.62	581.61	69.80	2767.30	**960.12**	**3727.42**	**26%**
DX-01	10-248	243.5	244.5	1138.73	96.18	72.15	8.28	82.99	23.37	619.24	6.37	447.90	132.24	91.26	14.73	11.28	585.42	69.46	2437.65	**961.96**	**3399.60**	**28%**
DX-01	10-249	244.5	245.5	1265.25	95.83	70.67	9.15	88.75	23.14	669.67	6.12	506.22	148.63	96.94	15.42	10.53	575.26	66.96	2695.86	**952.68**	**3648.54**	**26%**
DX-01	10-250	245.5	246.5	1781.18	148.05	107.95	13.32	126.79	35.51	947.62	8.44	701.01	208.31	140.31	22.10	16.45	866.07	106.24	3791.75	**1437.59**	**5229.34**	**27%**
DX-01	10-251	246.5	247.5	2813.04	259.38	190.96	22.35	225.91	58.65	1419.09	22.63	1057.92	305.45	207.57	40.86	27.41	1409.59	179.91	5825.41	**2415.31**	**8240.72**	**29%**
DX-01	10-252	247.5	248.5	1090.82	87.00	62.32	7.70	76.99	19.36	554.73	7.76	390.74	116.80	76.65	13.35	9.62	468.59	58.53	2237.44	**803.51**	**3040.96**	**26%**
DX-01	10-253	248.5	249.5	1090.82	74.37	49.28	6.48	70.54	16.04	532.45	5.75	403.57	116.80	69.34	11.63	7.24	382.24	44.41	2219.47	**661.50**	**2880.97**	**23%**
DX-01	10-254	249.5	250.5	1227.17	90.44	64.38	8.28	85.29	20.73	595.78	7.53	432.73	126.39	82.80	14.50	9.32	506.69	60.69	2473.16	**859.58**	**3332.73**	**26%**
DX-01	10-255	250.5	251.5	1252.97	104.44	74.90	9.38	88.06	23.14	659.11	9.48	447.90	129.90	86.04	16.46	11.54	562.57	72.31	2585.30	**962.89**	**3548.19**	**27%**
DX-01	10-256	251.5	252.5	722.30	46.48	35.11	4.40	44.26	10.68	353.01	5.00	249.61	72.79	45.22	8.22	5.19	276.84	35.53	1447.34	**467.30**	**1914.63**	**24%**
DX-01	10-257	252.5	253.5	697.73	46.25	31.56	4.11	44.72	10.17	342.46	4.25	251.94	74.43	43.25	7.57	4.84	257.79	31.66	1413.93	**438.82**	**1852.75**	**24%**
DX-01	10-258	253.5	254.3	562.61	34.89	22.76	3.94	34.58	7.22	261.53	3.07	206.45	60.15	36.06	5.41	3.45	182.87	23.46	1130.75	**317.69**	**1448.44**	**22%**
DX-01	10-259	254.3	254.9	980.26	72.99	55.23	6.31	68.00	17.41	477.33	6.50	352.25	103.10	64.24	11.63	7.95	412.72	54.77	1983.50	**707.21**	**2690.71**	**26%**
DX-01	10-260	255	256	1719.76	149.20	111.83	13.20	132.55	34.14	838.55	13.42	628.69	179.06	124.08	24.40	16.90	821.63	106.47	3503.33	**1410.54**	**4913.87**	**29%**
DX-01	10-261	256	257	1375.81	117.07	85.19	9.90	100.51	27.26	689.61	10.28	493.39	145.12	93.12	18.53	12.91	629.87	85.97	2806.93	**1087.58**	**3894.52**	**28%**
DX-01	10-262	257	258	1004.83	80.11	58.55	6.77	71.46	18.44	509.00	7.14	358.08	105.21	68.53	13.24	8.77	438.12	54.89	2052.43	**750.71**	**2803.14**	**27%**
DX-01	10-263	258	259	1182.95	86.19	61.52	8.22	80.68	19.82	574.67	7.87	417.57	122.88	78.50	13.58	8.73	481.29	57.96	2384.80	**817.64**	**3202.44**	**26%**
DX-01	10-264	259	260	1363.52	107.65	77.07	10.48	98.66	24.74	662.63	9.30	492.22	143.95	93.70	17.73	11.28	604.47	73.79	2766.50	**1024.70**	**3791.20**	**27%**

Hole ID	SAMPLE	From	To	Ce	Dy	Er	Eu	Gd	Ho	La	Lu	Nd	Pr	Sm	Tb	Tm	Y	Yb	Light REO	Heavy REO	TOTAL REO	HEAVY %
DX-01	10-265	260	261	1940.87	165.27	122.35	14.24	147.53	38.03	960.52	14.67	715.00	204.80	139.15	26.24	17.93	947.35	115.01	3974.60	**1594.38**	**5568.98**	**29%**
DX-01	10-266	261	262	1077.31	87.80	63.46	7.53	79.76	20.28	546.52	8.57	381.41	111.18	74.79	14.39	10.12	492.72	65.02	2198.74	**842.12**	**3040.86**	**28%**
DX-01	10-267	262	263	1040.45	81.72	60.15	7.41	74.92	18.44	537.14	7.64	369.75	108.02	72.36	13.12	9.07	464.78	57.73	2135.13	**787.57**	**2922.71**	**27%**
DX-01	10-268	263	264	1180.49	80.22	55.46	7.18	78.38	18.56	605.16	7.44	426.90	124.05	76.19	14.16	8.73	507.96	54.89	2419.98	**825.78**	**3245.76**	**25%**
DX-01	10-269	264	265	1085.91	54.40	37.05	6.95	62.70	11.91	550.04	5.16	375.58	113.40	64.82	9.42	5.85	327.63	39.97	2196.70	**554.09**	**2750.79**	**20%**
DX-01	10-270	265	265.7	1265.25	103.29	75.01	9.15	94.05	23.94	626.28	8.30	459.56	131.07	85.00	16.00	10.37	587.96	68.32	2576.31	**987.26**	**3563.56**	**28%**
DX-01	10-271	265.7	266.65	1388.09	108.69	72.73	10.25	104.43	23.37	677.88	8.82	519.05	147.46	99.15	18.53	11.17	636.22	67.07	2841.87	**1051.02**	**3892.89**	**27%**
DX-01	10-272	266.65	267.65	1904.02	134.28	95.71	12.04	125.63	30.70	1013.30	10.80	698.67	209.48	125.24	21.52	14.16	848.29	87.91	3962.76	**1369.01**	**5331.77**	**26%**
DX-01	10-273	267.65	268.65	1732.04	73.80	53.52	8.28	80.91	16.95	912.44	6.69	570.37	174.37	92.88	13.58	8.41	453.35	49.88	3490.39	**757.08**	**4247.47**	**18%**
DX-01	10-274	268.65	269.65	2026.86	85.73	60.38	11.12	94.28	19.59	1095.40	6.80	706.84	211.82	111.32	15.77	8.86	506.69	55.57	4163.36	**853.67**	**5017.03**	**17%**
DX-01	10-275	269.65	270	3943.16	136.58	116.64	19.57	149.84	33.56	1735.74	15.81	1341.36	401.41	200.61	21.18	18.05	933.38	124.12	7641.86	**1549.14**	**9191.00**	**17%**
DX-01	10-276	270	271	4225.70	331.69	250.43	28.37	293.91	76.29	2240.05	29.34	1516.32	445.88	287.58	53.41	38.72	1955.65	240.27	8743.90	**3269.69**	**12013.59**	**27%**
DX-01	10-277	271	272.3	921.30	73.68	57.29	5.85	63.16	17.64	470.29	7.48	314.93	90.11	61.81	11.26	9.02	424.15	57.96	1864.29	**721.64**	**2585.93**	**28%**
DX-01	10-278	272.3	273.3	1029.40	77.24	56.37	6.89	72.38	17.07	530.11	6.94	366.25	108.60	67.49	11.97	8.52	429.23	53.06	2108.74	**732.78**	**2841.52**	**26%**
DX-01	10-279	273.3	274.3	1191.55	83.21	59.12	8.28	79.76	18.44	587.57	6.66	429.24	125.22	78.62	14.27	8.86	472.40	54.20	2420.48	**796.93**	**3217.41**	**25%**
DX-01	10-280	274.3	275.3	1015.89	80.22	58.78	6.89	74.46	18.67	524.24	7.41	363.92	105.44	71.43	12.89	8.91	462.24	57.73	2087.81	**781.32**	**2869.13**	**27%**
DX-01	10-281	275.3	276.3	1375.81	112.25	79.24	10.02	100.05	24.86	677.88	9.51	486.39	141.61	92.88	17.61	11.88	628.60	75.38	2784.58	**1059.37**	**3843.95**	**28%**
DX-01	10-282	276.3	277.3	1449.51	121.66	93.65	9.84	107.65	29.10	750.59	11.48	514.38	149.80	103.67	19.68	14.05	688.29	89.73	2977.80	**1175.29**	**4153.08**	**28%**
DX-01	10-283	277.3	278.3	1314.39	104.44	78.56	8.11	92.67	24.17	688.43	9.01	468.89	136.93	88.71	16.57	11.88	580.34	73.79	2705.45	**991.43**	**3696.88**	**27%**
DX-01	10-284	278.3	279.3	986.41	77.47	51.91	6.54	71.46	17.53	494.92	6.64	351.09	102.75	65.63	12.43	8.09	427.96	53.75	2007.34	**727.23**	**2734.57**	**27%**
DX-01	10-285	279.3	280.3	1572.35	134.28	98.68	11.58	117.57	31.50	797.50	11.94	576.20	165.01	112.37	21.75	14.62	774.64	94.17	3235.01	**1299.15**	**4534.17**	**29%**
DX-01	10-286	280.3	281	2985.01	269.71	198.97	23.16	236.28	63.12	1466.00	22.97	1101.08	314.81	212.21	42.82	29.47	1511.18	187.89	6102.27	**2562.40**	**8664.67**	**30%**
DX-01	10-287	281	282	2272.54	204.29	153.23	16.09	178.65	47.54	1184.53	18.53	829.31	241.08	161.18	32.69	22.84	1141.64	141.20	4704.74	**1940.61**	**6645.35**	**29%**
DX-01	10-288	282	283	1125.21	92.85	69.87	8.05	82.07	20.96	584.05	8.46	405.91	115.63	76.53	14.85	10.76	513.04	67.52	2315.38	**880.38**	**3195.76**	**28%**
DX-01	10-289	283	284.3	1069.94	88.14	64.95	7.24	79.53	20.50	538.32	7.80	376.75	109.89	74.21	13.81	9.98	490.18	63.20	2176.34	**838.10**	**3014.44**	**28%**
DX-01	10-290	284.3	285.4	1572.35	138.87	103.37	12.04	117.57	32.42	803.37	12.85	549.37	160.33	108.31	22.10	15.99	789.88	94.28	3205.77	**1327.33**	**4533.10**	**29%**
DX-01	10-291	285.4	286.1	1363.52	100.88	73.98	8.34	92.67	22.91	686.09	9.39	486.39	141.61	93.58	16.57	11.28	573.99	70.60	2779.52	**972.29**	**3751.82**	**26%**
DX-01	10-292	286.1	287.3	1338.96	84.47	62.89	7.47	82.53	19.36	737.69	7.87	430.40	131.07	75.37	13.47	8.86	488.91	61.95	2720.96	**830.30**	**3551.27**	**23%**
DX-01	10-293	287.3	288.3	1289.82	106.62	82.79	8.86	96.36	25.54	674.36	9.67	454.90	132.24	86.04	17.27	11.65	622.25	81.08	2646.22	**1053.22**	**3699.44**	**28%**

Hole ID	SAMPLE	From	To	Ce	Dy	Er	Eu	Gd	Ho	La	Lu	Nd	Pr	Sm	Tb	Tm	Y	Yb	Light REO	Heavy REO	TOTAL REO	HEAVY %
DX-01	10-294	288.3	289.3	1437.23	125.10	93.08	10.54	107.19	29.21	750.59	11.12	516.72	148.63	100.19	19.45	14.16	703.52	85.06	2963.89	**1187.90**	**4151.79**	**29%**
DX-01	10-295	289.3	290.3	1095.73	85.39	63.58	7.12	79.30	19.13	557.08	8.01	375.58	110.94	71.43	14.04	8.98	488.91	62.06	2217.89	**829.39**	**3047.28**	**27%**
DX-01	10-296	290.3	291.3	1904.02	180.19	134.93	13.55	146.38	42.61	992.19	16.15	697.51	202.46	136.83	28.08	20.67	1027.35	124.12	3946.56	**1720.49**	**5667.04**	**30%**
DX-01	10-297	291.3	292.3	557.69	33.40	23.33	3.71	32.96	6.76	272.09	3.23	199.45	57.11	33.51	5.20	3.45	175.25	22.89	1123.57	**306.46**	**1430.03**	**21%**
DX-01	10-298	292.3	293.3	869.71	56.81	42.31	5.73	55.56	12.83	438.63	5.46	313.76	90.11	51.37	8.91	6.28	312.40	42.36	1769.31	**542.91**	**2312.22**	**23%**
DX-01	10-299	293.3	294.6	1326.67	97.55	70.67	9.55	94.28	21.65	672.01	8.41	509.72	145.12	88.71	15.65	10.14	544.79	66.27	2751.78	**929.42**	**3681.21**	**25%**
DX-01	10-300	294.6	295.2	1203.83	93.08	67.12	8.68	88.06	21.42	602.82	8.21	452.56	127.56	81.98	14.96	10.28	520.66	64.11	2477.45	**887.90**	**3365.35**	**26%**
DX-01	10-301	295.2	296.2	1314.39	109.61	78.44	8.63	97.05	25.89	669.67	10.01	478.22	139.27	91.38	17.27	12.56	618.44	75.04	2701.55	**1044.30**	**3745.85**	**28%**
DX-01	10-302	296.2	297.2	1351.24	80.34	48.71	11.12	85.98	16.38	632.14	5.41	524.88	150.97	93.12	13.70	6.67	405.10	40.77	2763.46	**703.06**	**3466.52**	**20%**
DX-01	10-303	297.2	298.2	560.15	28.58	18.98	5.73	34.12	5.98	280.30	2.34	216.95	60.27	36.41	4.90	2.60	166.36	17.31	1159.81	**281.17**	**1440.98**	**20%**
DX-01	10-304	298.2	299.2	1094.50	56.47	32.93	9.32	65.24	11.00	519.55	3.16	438.57	126.39	77.93	9.92	3.77	295.89	25.28	2266.26	**503.65**	**2769.91**	**18%**
DX-01	10-305	299.2	300.2	940.95	47.97	27.67	8.57	56.25	9.60	455.05	3.46	360.42	105.09	59.37	8.56	3.70	260.33	24.71	1929.45	**442.25**	**2371.70**	**19%**
DX-01	10-306	300.2	301.2	2063.71	122.80	65.87	18.18	162.52	23.83	973.42	5.48	975.11	264.49	182.06	23.94	8.20	591.77	44.52	4476.97	**1048.93**	**5525.90**	**19%**
DX-01	10-307	301.2	302.2	1560.07	70.81	40.14	11.93	95.90	13.98	724.79	4.41	636.85	181.40	109.23	13.58	5.23	350.49	32.11	3224.27	**626.65**	**3850.92**	**16%**
DX-01	10-308	302.2	303.2	820.57	38.45	22.87	8.11	52.10	7.72	390.54	2.50	311.43	89.76	56.24	7.53	3.20	214.61	18.33	1676.65	**367.31**	**2043.96**	**18%**
DX-01	10-309	303.2	304.2	1818.03	91.93	48.94	14.94	121.02	18.56	752.94	4.59	759.33	205.97	128.72	16.46	5.92	463.51	34.50	3679.92	**805.44**	**4485.36**	**18%**
DX-01	10-310	304.2	305.2	818.11	43.50	25.73	8.22	52.33	8.25	415.17	2.87	331.26	95.38	56.24	7.64	3.45	236.20	20.84	1724.38	**400.80**	**2125.18**	**19%**
DX-01	10-311	305.2	306.2	1182.95	60.14	35.33	10.48	73.31	12.14	550.04	3.50	474.72	133.41	79.66	11.16	4.52	331.44	26.65	2431.27	**558.20**	**2989.48**	**19%**
DX-01	10-312	306.2	307.2	1363.52	73.11	39.68	12.27	94.28	14.66	640.35	3.64	584.37	161.50	106.68	13.58	5.09	375.89	29.15	2868.70	**649.09**	**3517.79**	**18%**
DX-01	10-313	307.2	308.1	1953.16	83.90	47.11	14.59	118.72	17.53	867.87	4.03	811.81	224.70	134.51	16.80	5.96	427.96	32.45	4006.64	**754.45**	**4761.10**	**16%**
DX-01	10-314	308.1	309.1	983.95	48.55	29.27	7.76	66.16	10.10	465.60	3.82	393.08	111.06	64.94	8.86	4.25	266.68	27.56	2026.38	**465.25**	**2491.64**	**19%**
DX-01	10-315	309.1	310.1	1572.35	81.72	43.22	14.24	112.72	16.38	672.01	3.41	717.34	191.93	119.44	15.65	5.07	386.05	29.49	3287.31	**693.72**	**3981.04**	**17%**
DX-01	10-316	310.1	311.1	1523.22	93.65	58.43	12.85	113.88	19.70	683.74	5.50	656.68	181.40	117.12	16.69	7.74	471.13	49.19	3175.01	**835.93**	**4010.94**	**21%**
DX-01	10-317	311.1	312.1	1326.67	141.17	108.63	8.63	111.80	32.99	724.79	13.53	471.23	136.93	93.70	21.06	16.22	797.50	105.79	2761.94	**1348.69**	**4110.62**	**33%**
DX-01	10-318	312.1	313	847.60	43.61	26.07	7.35	58.32	8.89	405.79	3.09	358.08	101.47	60.07	8.15	3.59	233.66	21.41	1780.35	**406.79**	**2187.15**	**19%**
DX-01	10-319	313	313.85	1203.83	66.22	38.42	11.23	84.14	13.17	559.43	4.00	520.21	146.29	96.71	12.20	4.66	341.60	29.15	2537.70	**593.57**	**3131.28**	**19%**
DX-01	10-320	313.85	315.2	1891.74	111.79	56.95	17.95	141.77	20.73	878.43	4.73	872.47	237.57	161.18	20.26	7.10	529.55	40.42	4059.33	**933.30**	**4992.63**	**19%**
DX-01	10-321	315.2	316.2	1302.10	71.16	44.60	11.12	87.14	13.98	666.15	4.98	529.55	152.14	90.56	13.58	6.12	403.83	38.60	2751.62	**683.98**	**3435.60**	**20%**
DX-01	10-322	316.2	317.2	863.57	50.96	31.45	8.22	52.79	11.20	435.11	4.12	344.09	98.07	61.81	8.68	5.14	294.62	33.36	1810.86	**492.31**	**2303.17**	**21%**

Hole ID	SAMPLE	From	To	Ce	Dy	Er	Eu	Gd	Ho	La	Lu	Nd	Pr	Sm	Tb	Tm	Y	Yb	Light REO	Heavy REO	TOTAL REO	HEAVY %
DX-01	10-323	317.2	318.2	1289.82	75.98	50.20	10.36	83.45	16.95	640.35	6.21	520.21	148.63	90.56	13.81	7.31	467.32	47.71	2699.94	**768.94**	**3468.88**	**22%**
DX-01	10-324	318.2	319.2	981.49	53.60	33.85	7.70	61.78	11.20	448.01	3.87	356.92	103.57	66.10	9.55	4.73	298.43	29.26	1963.79	**506.27**	**2470.05**	**20%**
DX-01	10-325	319.2	319.6	1437.23	82.75	51.46	11.93	96.36	17.30	681.40	5.41	582.03	165.01	101.70	14.27	7.08	455.89	41.90	2979.29	**772.43**	**3751.72**	**21%**
DX-01	10-326	319.6	320.6	1096.96	56.24	33.73	9.96	65.93	11.57	541.83	3.75	408.24	121.71	72.71	9.94	4.50	309.86	29.72	2251.41	**525.24**	**2776.65**	**19%**
DX-01	10-327	320.6	321.6	1474.08	101.80	70.67	11.35	99.58	22.91	701.33	7.71	561.04	160.33	101.58	16.69	9.66	558.76	62.29	3009.71	**950.07**	**3959.78**	**24%**
DX-01	10-328	321.6	322.6	975.35	61.17	38.42	7.82	65.93	13.06	452.70	4.43	365.08	106.85	69.00	10.04	5.57	309.86	34.96	1976.79	**543.44**	**2520.23**	**22%**
DX-01	10-329	322.6	323.5	1412.66	68.86	37.05	12.51	94.74	13.75	636.83	3.30	625.19	174.37	107.73	12.89	4.66	333.98	28.01	2969.29	**597.25**	**3566.53**	**17%**
DX-01	10-330	323.5	324.2	1277.54	68.06	37.16	10.94	84.83	13.63	598.13	3.80	547.04	155.65	91.38	12.55	5.12	346.68	30.06	2680.67	**601.89**	**3282.56**	**18%**
DX-01	10-331	324.2	234.6	940.95	57.84	35.91	8.92	65.24	11.91	440.97	3.80	390.74	113.40	71.66	10.38	4.82	311.13	29.72	1966.65	**530.75**	**2497.40**	**21%**
DX-01	10-333	325.6	326.6	1388.09	76.09	44.60	11.23	94.28	15.81	606.34	3.89	563.37	161.50	101.12	13.81	5.78	398.75	32.11	2831.65	**685.12**	**3516.77**	**19%**
DX-01	10-334	326.6	327.6	1412.66	78.50	43.11	12.51	101.43	16.50	603.99	3.80	601.86	167.35	109.12	14.50	5.94	408.91	32.00	2907.49	**704.68**	**3612.17**	**20%**
DX-01	10-335	327.6	328.6	959.38	44.30	25.04	8.11	60.17	8.93	412.83	2.73	405.91	111.18	69.69	8.82	3.29	237.47	17.88	1967.09	**408.63**	**2375.72**	**17%**
DX-01	10-336	328.6	329.6	834.08	35.00	16.81	6.72	51.87	6.32	381.16	1.77	365.08	101.23	57.05	7.11	2.22	158.74	13.10	1745.33	**292.94**	**2038.27**	**14%**
DX-01	10-337	329.6	331.55	961.84	46.02	28.93	8.57	61.55	10.06	466.77	2.87	401.24	114.46	67.84	9.12	3.65	257.79	22.32	2020.71	**442.30**	**2463.02**	**18%**
DX-01	10-338	331.55	333	573.66	26.51	17.04	5.96	33.66	6.05	287.34	2.30	215.78	62.49	38.61	5.16	2.51	157.47	15.60	1183.85	**266.29**	**1450.14**	**18%**
Average				**1508.58**	**110.40**	**78.39**	**11.18**	**103.42**	**25.73**	**753.53**	**8.09**	**592.84**	**173.59**	**113.73**	**17.76**	**11.56**	**627.91**	**72.52**	**3153.45**	**1055.77**	**4209.22**	**25%**
Total				**494814.37**	**36101.71**	**25632.64**	**3654.51**	**33817.05**	**8413.19**	**246404.11**	**2644.03**	**193858.01**	**56765.05**	**37189.18**	**5806.70**	**3779.23**	**205327.59**	**23715.08**	**1032685.23**	**345237.23**	**1377922.45**	**25%**

Appendix 2A – Diamond Drill Hole DX-01 Results for Non REE

Hole ID	SAMPLE	From	To	ME-MS81h Ag ppm	ME-MS81h Al %	ME-MS81h Al2O3 %	ME-MS81h Fe %	ME-MS81h Ga2O3 ppm	ME-MS81h Hf ppm	ME-MS81h Nb2O5 ppm	ME-MS81h Rb ppm	ME-MS81h Ta ppm	ME-MS81h Th ppm	ME-MS81h U ppm	ME-MS81h ZrO2 %
DX-01	10-001	0	1	< 0.5	6.4	12.0928	11.6	108.8802	114	572.2	457	28	28.5	12	1.26
DX-01	10-002	1	2	< 0.5	6.68	12.62186	10.1	107.536	210	865.4525	499	47.5	42.5	15.5	2.22
DX-01	10-003	2	3	< 0.5	7.22	13.64219	8.48	115.6012	168	579.3525	548	34	33.5	12.5	1.77
DX-01	10-004	3	4	< 0.5	8.47	16.004065	6.22	131.7316	118	436.3025	612	22.5	39.5	14	1.34
DX-01	10-005	4	5	< 0.5	8.77	16.570915	6.08	138.4526	116	536.4375	643	26.5	41	14	1.34
DX-01	10-006	5	5.35	< 0.5	8.91	16.835445	6.42	142.4852	166	643.725	566	37	43	14	1.88
DX-01	10-007	5.35	6	< 0.5	8.11	15.323845	5.45	127.699	468	1730.905	438	109	58	21	5.00
DX-01	10-008	6	7	< 0.5	7.27	13.736665	5.92	103.5034	696	2274.495	363	145	73.5	25.5	7.51
DX-01	10-009	7	8	< 0.5	6.19	11.696005	6.49	87.373	966	2417.545	341	180	38	25.5	9.54
DX-01	10-010	8	9	< 0.5	6.12	11.56374	7.59	80.652	782	2574.9	295	162	27	22.5	8.29
DX-01	10-011	9	10	0.5	7.61	14.379095	9.65	100.815	446	1559.245	228	92.5	15.5	13	4.94
DX-01	10-012	10	11	< 0.5	6.77	12.791915	12.9	103.5034	190	772.47	281	38.5	24	9.5	2.16
DX-01	10-013	11	12.2	< 0.5	5.25	9.919875	10.5	92.7498	68	1065.7225	424	23.5	99	28	0.86
DX-01	10-014	12.2	14	1	7.24	13.67998	3.99	57.8006	32	193.1175	288	7	42.5	12	0.39
DX-01	10-015	14	17	< 0.5	7.01	13.245395	4.13	56.4564	24	114.44	319	5	16.5	4.5	0.31
DX-01	10-016	17	18.6	2	7.37	13.925615	4.81	52.4238	22	135.8975	367	5.5	12.5	5.5	0.26
DX-01	10-017	18.6	19.6	< 0.5	5.28	9.97656	11.9	96.7824	72	1022.8075	416	25	76.5	27	0.91
DX-01	10-018	19.6	21.35	< 0.5	6.49	12.262855	8.79	110.2244	168	1730.905	778	52	91.5	32	2.01
DX-01	10-019	21.35	24.25	< 0.5	7.42	14.02009	5.26	92.7498	32	522.1325	489	9.5	235	78	0.47
DX-01	10-020	24.25	26.7	< 0.5	7.37	13.925615	8.55	112.9128	140	1208.7725	443	35.5	170	58	1.73
DX-01	10-021	26.7	29	< 0.5	6.84	12.92418	8.49	96.7824	112	751.0125	453	25	138	39	1.39
DX-01	10-022	29	30.2	< 0.5	7.26	13.71777	7.6	114.257	102	793.9275	524	26.5	97	32	1.31
DX-01	10-023	30.2	31	< 0.5	6.26	11.82827	10.4	107.536	326	1294.6025	429	69	54.5	18	3.70
DX-01	10-024	31	32	< 0.5	6.11	11.544845	10.7	100.815	296	1273.145	420	64	55	19	3.38
DX-01	10-025	32	33	< 0.5	6.47	12.225065	10.1	102.1592	230	1022.8075	482	50	56	18.5	2.62

Hole ID	SAMPLE	From	To	ME-MS81h Ag ppm	ME-MS81h Al %	ME-MS81h Al2O3 %	ME-MS81h Fe %	ME-MS81h Ga2O3 ppm	ME-MS81h Hf ppm	ME-MS81h Nb2O5 ppm	ME-MS81h Rb ppm	ME-MS81h Ta ppm	ME-MS81h Th ppm	ME-MS81h U ppm	ME-MS81h ZrO2 %
DX-01	10-026	33	34	< 0.5	6.85	12.943075	8.76	108.8802	208	786.775	558	39	64.5	19.5	2.38
DX-01	10-027	34	35	< 0.5	7.92	14.96484	7.37	116.9454	164	908.3675	613	36	84.5	27.5	1.84
DX-01	10-028	35	36.1	< 0.5	8.11	15.323845	6.72	115.6012	172	1022.8075	631	39.5	60.5	19.5	1.89
DX-01	10-029	36.1	37.1	< 0.5	8.36	15.79622	6.8	115.6012	180	965.5875	597	41.5	54.5	17	2.05
DX-01	10-030	37.1	38	< 0.5	7.78	14.70031	8.15	114.257	260	1122.9425	474	55.5	62	23	2.89
DX-01	10-031	38	39	< 0.5	6.38	12.05501	12	104.8476	162	836.8425	404	35.5	76	22	1.89
DX-01	10-032	39	40	< 0.5	7.04	13.30208	8.75	129.0432	258	1122.9425	518	54	85	22	2.81
DX-01	10-033	40	41	< 0.5	8.31	15.701745	6.69	131.7316	140	686.64	631	30.5	59	16	1.65
DX-01	10-034	41	42.1	< 0.5	7.33	13.850035	7.7	125.0106	266	1158.705	614	57.5	76.5	23.5	3.00
DX-01	10-035	42.1	43	< 0.5	4.4	8.3138	15.8	83.3404	334	1330.365	274	67.5	53.5	19	3.78
DX-01	10-036	43	44	< 0.5	6.47	12.225065	10.1	100.815	176	722.4025	496	35	51	15	2.03
DX-01	10-037	44	45	< 0.5	7.48	14.13346	6.54	114.257	154	779.6225	624	32	68.5	20	1.78
DX-01	10-038	45	46	< 0.5	7.72	14.58694	6.81	115.6012	198	915.52	611	42	76.5	23	2.35
DX-01	10-039	46	47	< 0.5	7.5	14.17125	7.14	112.9128	272	1337.5175	561	59.5	104	30	3.13
DX-01	10-040	47	48.05	< 0.5	8.46	15.98517	6.31	133.0758	208	1008.5025	590	47.5	79.5	21.5	2.17
DX-01	10-041	48.05	49	< 0.5	8.68	16.40086	6.15	126.3548	162	822.5375	590	37.5	66.5	17	1.81
DX-01	10-042	49	50	< 0.5	7.7	14.54915	7.36	123.6664	184	958.435	562	43	44	15.5	2.01
DX-01	10-043	50	51	< 0.5	6.88	12.99976	9.13	107.536	260	1201.62	445	58	60	18.5	2.86
DX-01	10-044	51	52	< 0.5	6.62	12.50849	8.94	100.815	306	1316.06	498	67.5	79	25.5	3.38
DX-01	10-045	52	53	< 0.5	5.41	10.222195	13.1	98.1266	260	1130.095	359	55.5	61	19	2.92
DX-01	10-046	53	54	< 0.5	7.38	13.94451	8.75	120.978	150	793.9275	492	34	78	20	1.66
DX-01	10-047	54	55	< 0.5	7.65	14.454675	7.12	127.699	128	765.3175	583	29.5	33.5	12.5	1.46
DX-01	10-048	55	56	< 0.5	7.52	14.20904	7.35	137.1084	124	758.165	518	27.5	29.5	12.5	1.45
DX-01	10-049	56	57	< 0.5	7.5	14.17125	7.07	127.699	180	1115.79	571	44.5	34.5	15.5	1.99
DX-01	10-050	57	58	< 0.5	5.77	10.902415	10.3	103.5034	344	1401.89	448	72	73.5	23	3.97
DX-01	10-051	58	59	< 0.5	4.19	7.917005	17.3	84.6846	236	965.5875	249	48.5	34	12	2.73

Hole ID	SAMPLE	From	To	ME-MS81h Ag ppm	ME-MS81h Al %	ME-MS81h Al2O3 %	ME-MS81h Fe %	ME-MS81h Ga2O3 ppm	ME-MS81h Hf ppm	ME-MS81h Nb2O5 ppm	ME-MS81h Rb ppm	ME-MS81h Ta ppm	ME-MS81h Th ppm	ME-MS81h U ppm	ME-MS81h ZrO2 %
DX-01	10-052	59	60	< 0.5	6.6	12.4707	9.19	110.2244	242	1022.8075	484	50.5	63	19	2.86
DX-01	10-053	60	61.35	0.5	6.68	12.62186	7.32	103.5034	506	1945.48	441	104	64.5	26.5	5.67
DX-01	10-054	61.35	62	< 0.5	7.34	13.86893	7.14	114.257	236	1108.6375	527	50	104	28.5	2.78
DX-01	10-055	62	63	< 0.5	7.45	14.076775	5.48	118.2896	156	779.6225	573	31.5	79	22.5	1.90
DX-01	10-056	63	64	< 0.5	8.83	16.684285	5.5	122.3222	162	915.52	444	36.5	90	25	1.93
DX-01	10-057	64	65	< 0.5	7.77	14.681415	5.62	123.6664	230	1237.3825	421	53	73	22.5	2.57
DX-01	10-058	65	66	< 0.5	7.01	13.245395	7.26	118.2896	272	1373.28	493	60	52	19	3.08
DX-01	10-059	66	67	0.5	4.9	9.25855	13.4	90.0614	320	1323.2125	349	68.5	70.5	22.5	3.59
DX-01	10-060	67	68	< 0.5	5.14	9.71203	14.9	92.7498	178	758.165	306	36.5	43	13.5	1.99
DX-01	10-061	68	69	< 0.5	7.05	13.320975	7.91	110.2244	222	965.5875	511	48	60.5	19.5	2.55
DX-01	10-062	69	70	< 0.5	7.88	14.88926	6.33	112.9128	198	1130.095	556	42	77	26	2.34
DX-01	10-063	70	71	< 0.5	7.47	14.114565	6.39	114.257	204	865.4525	550	39	61	18.5	2.46
DX-01	10-064	71	72	< 0.5	7.62	14.39799	5.79	126.3548	234	1280.2975	590	53.5	62.5	21.5	2.73
DX-01	10-065	72	73	< 0.5	7.93	14.983735	5.8	126.3548	364	1659.38	567	83.5	68	23	4.00
DX-01	10-066	73	74	< 0.5	6.8	12.8486	6.46	130.3874	402	1831.04	467	93	67.5	31.5	4.32
DX-01	10-067	74	75	< 0.5	7.37	13.925615	7.21	123.6664	230	1251.6875	487	55.5	84	23	2.51
DX-01	10-068	75.5	76	< 0.5	7.38	13.94451	7.48	119.6338	176	979.8925	595	43	107	26	2.01
DX-01	10-069	76.5	77	1	5.69	10.751255	12.9	102.1592	276	1358.975	375	65.5	76	21.5	3.21
DX-01	10-070	77.5	78	< 0.5	6.75	12.754125	10.5	112.9128	212	1072.875	464	48.5	81	22.5	2.42
DX-01	10-071	78.5	79	< 0.5	8.28	15.64506	6.54	130.3874	178	951.2825	565	44	65.5	18	2.01
DX-01	10-072	79.5	80	< 0.5	8.74	16.51423	5.69	141.141	120	643.725	616	28.5	31.5	13	1.35
DX-01	10-073	80.5	81	< 0.5	8.81	16.646495	5.5	143.8294	116	607.9625	623	25	30	13.5	1.43
DX-01	10-074	81.5	82	< 0.5	8.01	15.134895	6.32	129.0432	278	1208.7725	546	64	53.5	19.5	3.11
DX-01	10-075	82.5	83	< 0.5	5.86	11.07247	9.21	100.815	470	1873.955	417	106	91.5	28	5.27
DX-01	10-076	83.5	84	< 0.5	4.45	8.408275	15.7	86.0288	334	1366.1275	264	70.5	41	14	3.76
DX-01	10-077	84.5	85	< 0.5	6.57	12.414015	10.9	111.5686	216	1044.265	472	49.5	54	16	2.47

Hole ID	SAMPLE	From	To	ME-MS81h Ag ppm	ME-MS81h Al %	ME-MS81h Al2O3 %	ME-MS81h Fe %	ME-MS81h Ga2O3 ppm	ME-MS81h Hf ppm	ME-MS81h Nb2O5 ppm	ME-MS81h Rb ppm	ME-MS81h Ta ppm	ME-MS81h Th ppm	ME-MS81h U ppm	ME-MS81h ZrO2 %
DX-01	10-078	85.5	86	< 0.5	7.93	14.983735	6.28	125.0106	170	951.2825	624	40	104	24.5	1.97
DX-01	10-079	86.5	87	< 0.5	7.81	14.756995	6.13	120.978	160	879.7575	639	34.5	91	24.5	1.89
DX-01	10-080	87.5	88	< 0.5	8.06	15.22937	5.97	120.978	138	751.0125	618	30.5	65.5	19.5	1.67
DX-01	10-081	88.5	89	< 0.5	8.94	16.89213	5.25	129.0432	162	822.5375	529	35	67	23	1.93
DX-01	10-082	89.5	90	< 0.5	8.94	16.89213	4.91	131.7316	138	879.7575	610	32	64	20.5	1.77
DX-01	10-086	90	91	< 0.5	8.5	16.06075	5.14	125.0106	206	1559.245	566	55	119	41	0.00
DX-01	10-087	91	92	< 0.5	5.94	11.22363	9.5	110.2244	326	1544.94	490	75	76.5	36	0.00
DX-01	10-088	92	93	< 0.5	5.85	11.053575	8.73	131.7316	240	3190.015	319	77	54	484	0.00
DX-01	10-089	93	94	< 0.5	8.11	15.323845	6.17	125.0106	150	1230.23	570	41.5	86.5	30.5	2.40
DX-01	10-090	94	95	< 0.5	7.97	15.059315	6.27	119.6338	178	1108.6375	559	42	77.5	26	3.81
DX-01	10-091	95	95.5	< 0.5	7.55	14.265725	7.18	115.6012	222	1602.16	652	58.5	83	29	3.11
DX-01	10-092	95.5	96.5	1	5.91	11.166945	10.1	103.5034	380	1831.04	415	89.5	100	34.5	1.73
DX-01	10-093	96.5	97.5	< 0.5	6.59	12.451805	8.99	120.978	180	1273.145	463	45	141	51	2.09
DX-01	10-094	97.5	98.5	< 0.5	7.72	14.58694	6.71	120.978	172	965.5875	572	44	35	13.5	2.65
DX-01	10-095	98.5	99.5	< 0.5	8.69	16.419755	5.46	129.0432	186	936.9775	661	46	35	12.5	4.27
DX-01	10-096	99.5	100.5	< 0.5	8.33	15.739535	4.9	122.3222	130	629.42	672	29.5	23.5	10.5	2.22
DX-01	10-097	100.5	101.5	< 0.5	7.29	13.774455	7.95	116.9454	208	1215.925	577	50.5	76.5	26.5	1.92
DX-01	10-098	101.5	102.5	< 0.5	4.55	8.597225	16.7	88.7172	196	965.5875	240	45	46	14	2.01
DX-01	10-099	102.5	103.5	< 0.5	6.96	13.15092	8.9	106.1918	290	1208.7725	453	64	61	18	1.58
DX-01	10-100	103.5	104.5	< 0.5	7.95	15.021525	6.51	122.3222	184	1165.8575	576	45	68	25.5	2.58
DX-01	10-101	104.5	105.5	< 0.5	7.61	14.379095	5.58	119.6338	124	808.2325	546	30	60.5	18	2.27
DX-01	10-102	105.5	106.5	< 0.5	8.32	15.72064	5.46	123.6664	168	1151.5525	542	47.5	62.5	21	3.27
DX-01	10-103	106.5	107.5	< 0.5	8.11	15.323845	5.96	125.0106	206	1101.485	590	53.5	48.5	18	2.16
DX-01	10-104	107.5	108.5	< 0.5	7.82	14.77589	7.55	114.257	262	1344.67	520	68.5	82.5	24	1.51
DX-01	10-105	108.5	109.5	< 0.5	7.95	15.021525	9.61	112.9128	246	1194.4675	415	62.5	52	15.5	1.97
DX-01	10-106	109.5	110.5	< 0.5	10.1	19.08395	5.12	134.42	258	1273.145	496	67.5	40.5	15.5	2.27

Hole ID	SAMPLE	From	To	ME-MS81h Ag ppm	ME-MS81h Al %	ME-MS81h Al2O3 %	ME-MS81h Fe %	ME-MS81h Ga2O3 ppm	ME-MS81h Hf ppm	ME-MS81h Nb2O5 ppm	ME-MS81h Rb ppm	ME-MS81h Ta ppm	ME-MS81h Th ppm	ME-MS81h U ppm	ME-MS81h ZrO2 %
DX-01	10-107	110.5	111.5	< 0.5	10.4	19.6508	3.88	134.42	320	1373.28	544	84	44.5	15.5	2.78
DX-01	10-108	111.5	112.5	< 0.5	8.85	16.722075	4.95	119.6338	316	1473.415	493	82.5	54.5	16.5	2.65
DX-01	10-109	112.5	113.5	< 0.5	8.93	16.873235	4.91	122.3222	296	1358.975	486	78	43	14	2.73
DX-01	10-110	113.5	114.5	< 0.5	9.62	18.17699	4.36	134.42	278	1201.62	480	73.5	36	12.5	3.32
DX-01	10-112	114.5	115.5	1.5	9.29	17.553455	3.77	138.4526	290	1237.3825	514	80	94	20	3.51
DX-01	10-113	115.5	116.5	< 0.5	11.2	21.1624	3.42	143.8294	276	1158.705	495	73.5	31	10.5	3.16
DX-01	10-114	116.5	117.5	< 0.5	11	20.7845	3.73	143.8294	284	1280.2975	504	77.5	32	11	2.89
DX-01	10-115	117.5	118.5	< 0.5	11.4	21.5403	3.77	139.7968	266	1208.7725	518	71.5	30	10	0.00
DX-01	10-116	118.5	119.5	< 0.5	11.7	22.10715	3.96	139.7968	274	1201.62	510	73.5	30	11	3.05
DX-01	10-117	120	120.5	< 0.5	11	20.7845	4.23	135.7642	304	1294.6025	496	81	30	11	2.92
DX-01	10-118	120.5	121.5	< 0.5	9.65	18.233675	4.65	127.699	308	1358.975	488	84.5	45.5	12.5	2.97
DX-01	10-119	121.5	122.5	< 0.5	8.61	16.268595	5.35	116.9454	336	1516.33	477	90	46.5	15	2.78
DX-01	10-120	122.5	123.5	1	8.18	15.45611	5.33	107.536	316	1351.8225	476	84.5	46	15.5	2.86
DX-01	10-121	123.5	124	< 0.5	8.07	15.248265	5.22	110.2244	340	1416.195	522	89	51	15	3.21
DX-01	10-122	124	125	< 0.5	8.13	15.361635	5.1	108.8802	336	1544.94	535	90.5	30	13.5	3.24
DX-01	10-123	125	126	< 0.5	7.79	14.719205	5.13	102.1592	312	1444.805	501	86	40.5	14	3.51
DX-01	10-124	126	127	< 0.5	8.26	15.60727	5.21	103.5034	304	1358.975	478	80	50	15	3.27
DX-01	10-125	127	128	< 0.5	8.14	15.38053	7.92	93.01864	150	743.86	436	43.5	36.5	9	3.54
DX-01	10-126	128	129	< 0.5	7.55	14.265725	10.3	93.55632	116	572.2	358	29	66.5	12.5	3.43
DX-01	10-127	129	130	< 0.5	7.22	13.64219	11.1	105.38528	160	1122.9425	455	46.5	131	30.5	3.27
DX-01	10-128	130	131	< 0.5	8.61	16.268595	8.01	120.70916	144	1015.655	507	39	162	31.5	3.27
DX-01	10-129	131	132	< 0.5	9.2	17.3834	5.66	132.26928	110	808.2325	687	29	121	22.5	1.59
DX-01	10-130	132	133	< 0.5	8.75	16.533125	6.73	131.46276	166	958.435	613	44.5	89	23.5	1.33
DX-01	10-131	133	134	< 0.5	5.31	10.033245	10.5	75.00636	602	2317.41	370	145	95	26.5	1.81
DX-01	10-132	134	135	< 0.5	5.48	10.35446	15.6	90.0614	208	886.91	246	48	48.5	12	1.65
DX-01	10-133	135	136	< 0.5	7.12	13.45324	9.43	100.815	160	786.775	543	35	71	19.5	1.22

Hole ID	SAMPLE	From	To	ME-MS81h Ag ppm	ME-MS81h Al %	ME-MS81h Al2O3 %	ME-MS81h Fe %	ME-MS81h Ga2O3 ppm	ME-MS81h Hf ppm	ME-MS81h Nb2O5 ppm	ME-MS81h Rb ppm	ME-MS81h Ta ppm	ME-MS81h Th ppm	ME-MS81h U ppm	ME-MS81h ZrO2 %
DX-01	10-134	136	137	< 0.5	7.86	14.85147	6.47	104.8476	178	915.52	612	43.5	87.5	26.5	1.74
DX-01	10-135	137	138	< 0.5	8.47	16.004065	6.3	113.45048	164	772.47	604	39	85.5	24	6.13
DX-01	10-136	138	139	< 0.5	8.32	15.72064	7.19	114.79468	124	736.7075	565	31.5	81.5	21.5	2.20
DX-01	10-137	139	140	< 0.5	8.75	16.533125	6.62	113.98816	132	1058.57	609	36.5	114	37.5	1.74
DX-01	10-138	140	141	< 0.5	8.47	16.004065	7.3	114.79468	194	1308.9075	606	56	80.5	60.5	1.90
DX-01	10-139	141	142	< 0.5	7	13.2265	7.21	93.01864	396	2017.005	539	113	79.5	34.5	1.92
DX-01	10-140	142	143	< 0.5	5.44	10.27888	14.4	82.80272	290	1308.9075	282	76	50.5	17	1.48
DX-01	10-141	143	144	< 0.5	7.94	15.00263	7.33	104.8476	138	1037.1125	637	38.5	79	27	1.50
DX-01	10-143	145	146	< 0.5	8.12	15.34274	6.74	115.87004	132	808.2325	633	31.5	96	25.5	1.99
DX-01	10-144	146	147	< 0.5	8.54	16.13633	6.54	123.39756	194	1051.4175	583	52	91	24.5	3.97
DX-01	10-145	147	148	< 0.5	8.76	16.55202	7.16	112.64396	140	1051.4175	550	38.5	91	29	3.03
DX-01	10-146	148	148.8	< 0.5	8.97	16.948815	5.75	123.6664	106	629.42	693	27.5	49	16.5	1.52
DX-01	10-147	149	150.8	< 0.5	7.88	14.88926	6.47	113.45048	202	1201.62	637	57.5	81	23	0.00
DX-01	10-148	150.8	152	< 0.5	5.46	10.31667	11.1	76.08172	496	2188.665	381	139	84	26	1.52
DX-01	10-149	152	153	< 0.5	6.09	11.507055	13.8	81.9962	224	1080.0275	263	56	39.5	13.5	2.09
DX-01	10-150	153	154	< 0.5	6.8	12.8486	9.19	103.5034	198	1108.6375	477	53.5	85	26.5	1.50
DX-01	10-151	154	154.5	< 0.5	7.61	14.379095	6.65	107.26716	168	1173.01	571	47	98	29	1.12
DX-01	10-152	154.5	154.8	< 0.5	8.18	15.45611	5.69	110.49324	140	851.1475	644	35	90.5	24.5	2.07
DX-01	10-153	155	156	< 0.5	8.23	15.550585	6.03	101.62152	154	1122.9425	623	45.5	113	36	5.05
DX-01	10-154	156	157	< 0.5	8.08	15.26716	5.84	94.90052	200	1587.855	638	66	110	37	2.47
DX-01	10-155	157	158	< 0.5	10.9	20.59555	5.52	141.141	94	550.7425	597	27	51	13.5	2.13
DX-01	10-156	158	159	< 0.5	10.7	20.21765	3.32	150.5504	82	500.675	634	26	32	9.5	1.85
DX-01	10-158	159	159.7	< 0.5	10.6	20.0287	3.85	131.46276	460	2002.7	547	143	40.5	15.5	1.57
DX-01	10-159	159.7	160.7	< 0.5	4.45	8.408275	6.02	45.16512	1250	3991.095	236	330	79.5	32.5	1.63
DX-01	10-160	160.7	161.7	< 0.5	4.48	8.46496	9.7	62.37088	716	2861	254	184	52.5	22.5	2.16
DX-01	10-161	161.7	162.7	< 0.5	5.76	10.88352	9.21	95.97588	148	765.3175	462	34.5	65.5	16.5	0.96

Hole ID	SAMPLE	From	To	ME-MS81h Ag ppm	ME-MS81h Al %	ME-MS81h Al2O3 %	ME-MS81h Fe %	ME-MS81h Ga2O3 ppm	ME-MS81h Hf ppm	ME-MS81h Nb2O5 ppm	ME-MS81h Rb ppm	ME-MS81h Ta ppm	ME-MS81h Th ppm	ME-MS81h U ppm	ME-MS81h ZrO2 %
DX-01	10-162	162.7	163.7	< 0.5	7.82	14.77589	6.7	115.06352	146	1051.4175	576	41	118	33.5	0.81
DX-01	10-163	163.7	164.7	< 0.5	8.21	15.512795	6.92	111.5686	156	1044.265	564	44	71.5	23	0.00
DX-01	10-164	164.7	165.7	< 0.5	8.17	15.437215	7.16	120.17148	142	987.045	576	37	104	29	4.43
DX-01	10-165	165.7	166.7	< 0.5	8.09	15.286055	6.84	112.9128	152	1108.6375	577	43.5	110	69.5	12.21
DX-01	10-166	166.7	167.5	< 0.5	7.89	14.908155	6.92	120.70916	246	1974.09	567	78	74	41	7.32
DX-01	10-167	167.5	168.5	< 0.5	6.93	13.094235	10.1	105.92296	246	1673.685	407	73.5	82.5	29.5	1.81
DX-01	10-168	168.5	169.5	< 0.5	6.15	11.620425	9.99	90.33024	384	2045.615	296	109	69	26	1.61
DX-01	10-169	169.5	170.5	< 0.5	6.52	12.31954	7.39	92.7498	284	1409.0425	399	75.5	39	20	1.72
DX-01	10-170	170.5	171.5	< 0.5	6.92	13.07534	7.56	110.2244	162	1029.96	552	45.5	90.5	24.5	1.55
DX-01	10-171	171.5	172.5	< 0.5	6.29	11.884955	6.44	109.14904	134	915.52	524	36.5	118	28	1.69
DX-01	10-172	172.5	173.5	< 0.5	8.85	16.722075	6.08	109.68672	264	1502.025	479	64.5	206	40	2.60
DX-01	10-173	173.5	174.5	< 0.5	6.1	11.52595	11.2	85.75996	346	2059.92	339	96	142	37	2.59
DX-01	10-174	174.5	175.5	< 0.5	6.05	11.431475	13.1	87.64184	194	972.74	286	50	43.5	11.5	3.89
DX-01	10-175	175.5	176.5	< 0.5	6.94	13.11313	10.3	102.96572	204	1144.4	428	53.5	76	21	2.94
DX-01	10-176	176.5	177.5	< 0.5	8	15.116	7.87	103.5034	192	1265.9925	535	53	79	25.5	1.69
DX-01	10-177	177.5	178.5	< 0.5	8.35	15.777325	6.67	106.72948	152	858.3	553	37.5	59	17.5	1.49
DX-01	10-178	178.5	179.5	< 0.5	8	15.116	7.52	109.68672	204	1108.6375	514	53.5	72	22.5	3.19
DX-01	10-179	180	180.5	< 0.5	7.85	14.832575	7.47	100.815	178	1044.265	531	48.5	74.5	26	3.65
DX-01	10-180	180.5	181.5	< 0.5	8.25	15.588375	6.32	102.42804	276	1258.84	430	72	59.5	19	2.16
DX-01	10-181	181.5	182.5	< 0.5	8.08	15.26716	5.34	104.30992	398	1988.395	458	121	124	26	2.22
DX-01	10-182	182.5	183.5	< 0.5	10.6	20.0287	3.64	138.4526	166	1058.57	621	54	82.5	35	2.16
DX-01	10-185	183.5	184.5	< 0.5	9.04	17.08108	7.2	110.2244	148	801.08	495	48.5	30	8.5	1.79
DX-01	10-186	184.5	185.5	< 0.5	8.34	15.75843	7.88	92.48096	140	700.945	427	45	13	6.5	2.23
DX-01	10-187	185.5	186.5	< 0.5	8.36	15.79622	8.02	94.63168	136	693.7925	429	45	7	4	1.96
DX-01	10-188	186.5	187.5	< 0.5	8.2	15.4939	8.09	93.55632	154	858.3	412	56.5	9	4.5	3.00
DX-01	10-189	187.5	188.5	< 0.5	8.41	15.890695	7.97	87.64184	156	801.08	409	52.5	6	4	3.97

Hole ID	SAMPLE	From	To	ME-MS81h Ag ppm	ME-MS81h Al %	ME-MS81h Al2O3 %	ME-MS81h Fe %	ME-MS81h Ga2O3 ppm	ME-MS81h Hf ppm	ME-MS81h Nb2O5 ppm	ME-MS81h Rb ppm	ME-MS81h Ta ppm	ME-MS81h Th ppm	ME-MS81h U ppm	ME-MS81h ZrO2 %
DX-01	10-191	188.5	189.5	< 0.5	8.18	15.45611	7.02	103.77224	250	1223.0775	449	80.5	38	11	1.72
DX-01	10-192	189.5	190.5	< 0.5	8.23	15.550585	6.58	95.70704	332	1530.635	455	106	39	10.5	0.00
DX-01	10-193	190.5	191.5	< 0.5	8.48	16.02296	7.37	89.79256	192	1015.655	435	67.5	13	6	0.00
DX-01	10-194	191.5	192.5	< 0.5	6.61	12.489595	8.41	79.84548	550	2374.63	427	171	58.5	19.5	1.58
DX-01	10-195	192.5	193.5	< 0.5	8.46	15.98517	7.82	93.28748	196	1065.7225	429	68.5	21.5	13	1.52
DX-01	10-196	193.5	194.5	< 0.5	8.55	16.155225	7.71	93.01864	136	758.165	433	46.5	12	7	1.42
DX-01	10-197	194.5	195.5	< 0.5	8.18	15.45611	7.83	89.79256	152	829.69	425	53.5	9	5.5	1.55
DX-01	10-198	195.5	196.5	< 0.5	8.56	16.17412	7.59	90.33024	178	994.1975	427	66.5	10	5.5	1.59
DX-01	10-199	196.5	197.5	< 0.5	8.62	16.28749	7.75	93.01864	142	751.0125	407	48	9	5.5	0.00
DX-01	10-200	197.5	198.5	< 0.5	8.66	16.36307	7.45	90.59908	158	865.4525	394	52.5	9	4.5	2.56
DX-01	10-201	198.5	199.5	< 0.5	4.52	8.54054	18.6	68.82304	104	500.675	184	20.5	8	3.5	3.32
DX-01	10-202	199.5	200.5	< 0.5	8.03	15.172685	8.84	73.931	80	464.9125	420	24	7	3.5	2.05
DX-01	10-203	200.5	201.5	< 0.5	7.79	14.719205	8.84	73.12448	88	514.98	404	25.5	21.5	7	5.38
DX-01	10-205	201.5	202.35	< 0.5	7.76	14.66252	9.21	78.50128	88	557.895	390	27	8.5	4	2.09
DX-01	10-206	202.35	203.35	< 0.5	7.97	15.059315	8.8	77.15708	64	407.6925	386	19.5	9.5	3.5	1.41
DX-01	10-207	203.35	204.35	< 0.5	7.78	14.70031	9.03	77.69476	78	443.455	329	22	8	3.5	1.54
DX-01	10-208	204.35	205.35	< 0.5	7.94	15.00263	8.11	92.21212	64	607.9625	532	20	51	19	1.77
DX-01	10-209	205.35	206.35	< 0.5	9.28	17.53456	5.72	112.9128	380	1788.125	534	113	54.5	20.5	1.45
DX-01	10-210	206.35	207.35	< 0.5	5.61	10.600095	6.84	65.05928	838	3476.115	374	239	114	27.5	1.63
DX-01	10-211	207.35	208.35	< 0.5	7.04	13.30208	8.02	84.6846	454	2031.31	422	120	61	16.5	1.05
DX-01	10-212	208.35	209.35	< 0.5	7.62	14.39799	6.05	108.8802	204	1158.705	595	48.5	68	28	0.88
DX-01	10-213	209.35	210	< 0.5	7.89	14.908155	7.13	127.699	110	1616.465	1390	33.5	244	259	0.93
DX-01	10-214	210	211	< 0.5	7.54	14.24683	6.69	141.141	178	1487.72	698	44.5	33	66	0.00
DX-01	10-215	211	212.2	< 0.5	9.51	17.969145	6.17	132.80696	170	1280.2975	246	45	31.5	19.5	0.97
DX-01	10-216	212.2	213	9.5	8.46	15.98517	7.4	112.9128	240	1459.11	442	65.5	67.5	25.5	0.71
DX-01	10-217	213	214	36	7.51	14.190145	8.72	91.67444	466	2188.665	457	130	67.5	18	0.88

Hole ID	SAMPLE	From	To	ME-MS81h Ag ppm	ME-MS81h Al %	ME-MS81h Al2O3 %	ME-MS81h Fe %	ME-MS81h Ga2O3 ppm	ME-MS81h Hf ppm	ME-MS81h Nb2O5 ppm	ME-MS81h Rb ppm	ME-MS81h Ta ppm	ME-MS81h Th ppm	ME-MS81h U ppm	ME-MS81h ZrO2 %
DX-01	10-218	214	215	< 0.5	6.05	11.431475	11.6	65.8658	610	2660.73	277	159	42.5	19	0.76
DX-01	10-219	215	216	< 0.5	6.21	11.733795	13.5	81.18968	278	1294.6025	292	68.5	35	13	3.78
DX-01	10-220	216	217	< 0.5	7.93	14.983735	8.57	95.97588	204	1072.875	536	53	48	15.5	8.29
DX-01	10-221	217	218	< 0.5	9.12	17.23224	6.95	105.65412	190	1015.655	548	51	46	52.5	4.97
DX-01	10-222	218	219	< 0.5	7.92	14.96484	7.2	95.70704	258	1201.62	436	66.5	47	22	2.60
DX-01	10-223	219	219.8	< 0.5	7.37	13.925615	6.29	104.30992	186	929.825	586	47.5	36.5	13.5	1.45
DX-01	10-224	219.8	221	< 0.5	7.41	14.001195	6.97	95.70704	200	994.1975	468	52.5	39	13	2.43
DX-01	10-225	221	222	< 0.5	7.72	14.58694	6.83	109.68672	190	929.825	588	47.5	37	13.5	2.22
DX-01	10-226	222	223	< 0.5	8.49	16.041855	6.2	106.99832	180	901.215	588	47.5	35	11	2.86
DX-01	10-227	223	224	< 0.5	7.37	13.925615	6.61	102.42804	188	1015.655	521	52.5	39	13.5	4.94
DX-01	10-228	224	225	< 0.5	7.97	15.059315	6.3	116.9454	176	872.605	544	47	37	12.5	6.38
DX-01	10-229	225	225.6	< 0.5	8.87	16.759865	5.55	112.10628	154	786.775	543	41.5	37.5	12	3.08
DX-01	10-230	225.6	226.6	< 0.5	9.31	17.591245	5.39	119.09612	202	987.045	557	54.5	42	13	2.23
DX-01	10-231	226.6	227.6	< 0.5	8.42	15.90959	5.86	108.07368	220	1058.57	560	58.5	36.5	13.5	2.15
DX-01	10-232	227.6	228.6	< 0.5	7.58	14.32241	5.46	95.70704	394	1673.685	540	107	35	14	2.81
DX-01	10-233	228.6	229.6	< 0.5	6.19	11.696005	7.81	83.60924	528	2346.02	389	147	50	18.5	2.04
DX-01	10-234	229.6	230.6	< 0.5	7.52	14.20904	8.25	102.42804	284	1344.67	494	72.5	51.5	17	2.18
DX-01	10-235	230.6	231.5	< 0.5	7.28	13.75556	8.18	96.7824	270	1294.6025	514	72	49	16	2.06
DX-01	10-236	231.5	232.5	< 0.5	5.74	10.84573	13.7	88.17952	212	979.8925	263	51	31.5	10.5	1.89
DX-01	10-237	232.5	233.5	< 0.5	7.57	14.303515	7.9	98.93312	228	1115.79	461	60	42.5	15.5	2.04
DX-01	10-238	233.5	234.5	< 0.5	8.8	16.6276	7.23	113.98816	204	1094.3325	523	55.5	47.5	17	1.85
DX-01	10-239	234.5	235.5	< 0.5	9.14	17.27003	6.96	113.98816	184	958.435	490	50	78	14.5	1.63
DX-01	10-240	235.5	236.5	< 0.5	8.88	16.77876	6.4	120.17148	174	922.6725	547	47.5	50.5	16	2.18
DX-01	10-241	236.5	237.5	< 0.5	6.49	12.262855	8.07	102.1592	288	1602.16	315	75	51	22	2.41
DX-01	10-242	237.5	238.5	< 0.5	7.01	13.245395	8.05	91.94328	456	2031.31	434	126	49.5	19	4.08
DX-01	10-243	238.5	239.5	< 0.5	5.1	9.63645	12.7	86.56648	402	1831.04	276	107	43	15.5	5.40

Hole ID	SAMPLE	From	To	ME-MS81h Ag ppm	ME-MS81h Al %	ME-MS81h Al2O3 %	ME-MS81h Fe %	ME-MS81h Ga2O3 ppm	ME-MS81h Hf ppm	ME-MS81h Nb2O5 ppm	ME-MS81h Rb ppm	ME-MS81h Ta ppm	ME-MS81h Th ppm	ME-MS81h U ppm	ME-MS81h ZrO2 %
DX-01	10-244	239.5	240.5	< 0.5	7.66	14.47357	10	105.11644	200	929.825	349	50	33	11	3.03
DX-01	10-245	240.5	241.5	< 0.5	7.91	14.945945	6.36	103.5034	194	936.9775	534	50	43	14	2.84
DX-01	10-246	241.5	242.5	< 0.5	8	15.116	6.69	104.8476	220	1101.485	498	59	44	14.5	2.28
DX-01	10-247	242.5	243.5	< 0.5	7.4	13.9823	7.53	105.38528	238	1201.62	462	64.5	43.5	15.5	2.41
DX-01	10-248	243.5	244.5	< 0.5	7.68	14.51136	7.16	101.35268	250	1158.705	440	65.5	33.5	11.5	2.06
DX-01	10-249	244.5	245.5	< 0.5	8.16	15.41832	8.13	105.11644	234	1194.4675	450	64	39.5	13.5	1.92
DX-01	10-250	245.5	246.5	< 0.5	7.22	13.64219	8	87.373	370	1759.515	426	102	46	16.5	1.88
DX-01	10-251	246.5	247.5	1.5	5.57	10.524515	8.48	81.45852	574	2646.425	290	157	35	19	3.51
DX-01	10-252	247.5	248.5	< 0.5	8.39	15.852905	7.76	109.14904	198	851.1475	414	50.5	39	14	4.65
DX-01	10-253	248.5	249.5	< 0.5	9.82	18.55489	5.88	118.82728	150	879.7575	439	41.5	47.5	15	4.16
DX-01	10-254	249.5	250.5	< 0.5	8.8	16.6276	5.96	109.14904	202	944.13	431	51	39	13	2.10
DX-01	10-255	250.5	251.5	< 0.5	7.65	14.454675	6.37	104.57876	244	1308.9075	477	68	42	14	1.96
DX-01	10-256	251.5	252.5	< 0.5	6.75	12.754125	12	98.66428	130	572.2	290	25.5	29	8.5	2.36
DX-01	10-257	252.5	253.5	< 0.5	8.19	15.475005	7.54	93.55632	118	593.6575	355	31.5	25.5	7	2.58
DX-01	10-258	253.5	254.3	< 0.5	8.47	16.004065	7.08	81.72736	88	493.5225	356	26.5	12	4	2.54
DX-01	10-259	254.3	254.9	< 0.5	8.14	15.38053	7.84	99.20196	190	858.3	366	49.5	22.5	7.5	2.44
DX-01	10-260	255	256	< 0.5	6.76	12.77302	9.3	80.652	384	1902.565	293	102	37.5	14	3.76
DX-01	10-261	256	257	< 0.5	7.34	13.86893	9.57	102.96572	306	1502.025	343	83	32	11.5	6.54
DX-01	10-262	257	258	< 0.5	8.95	16.911025	6.58	111.29976	194	1087.18	378	56	35	11.5	2.16
DX-01	10-263	258	259	< 0.5	9.55	18.044725	6.02	119.09612	208	1187.315	374	59.5	47.5	13.5	1.58
DX-01	10-264	259	260	< 0.5	8.79	16.608705	5.9	114.257	260	1308.9075	392	68.5	44	14	2.25
DX-01	10-265	260	261	< 0.5	7.34	13.86893	6.89	106.72948	408	2102.835	331	116	49	15.5	2.57
DX-01	10-266	261	262	< 0.5	5.93	11.204735	12.7	94.63168	234	1223.0775	352	62.5	31.5	10.5	1.53
DX-01	10-267	262	263	< 0.5	7.44	14.05788	8.62	95.4382	214	1115.79	387	55.5	39.5	13	1.32
DX-01	10-268	263	264	< 0.5	7.29	13.774455	7.71	93.55632	218	1108.6375	348	57.5	34	13	0.96
DX-01	10-269	264	265	< 0.5	8.62	16.28749	4.51	104.57876	186	1144.4	394	55.5	30.5	13.5	2.04

Hole ID	SAMPLE	From	To	ME-MS81h Ag ppm	ME-MS81h Al %	ME-MS81h Al2O3 %	ME-MS81h Fe %	ME-MS81h Ga2O3 ppm	ME-MS81h Hf ppm	ME-MS81h Nb2O5 ppm	ME-MS81h Rb ppm	ME-MS81h Ta ppm	ME-MS81h Th ppm	ME-MS81h U ppm	ME-MS81h ZrO2 %
DX-01	10-270	265	265.7	< 0.5	8.62	16.28749	5.52	111.83744	262	1323.2125	375	69	46	14.5	4.13
DX-01	10-271	265.7	266.65	< 0.5	6.74	12.73523	8.18	99.4708	204	1294.6025	533	68	32	12	3.08
DX-01	10-272	266.65	267.65	< 0.5	6.94	13.11313	7.04	116.13888	266	1630.77	525	98	73	25	2.03
DX-01	10-273	267.65	268.65	< 0.5	8.7	16.43865	4.31	110.76208	186	1072.875	644	52.5	48.5	59.5	2.27
DX-01	10-274	268.65	269.65	< 0.5	8.88	16.77876	3.55	134.15116	188	1516.33	641	61.5	50	46.5	2.86
DX-01	10-275	269.65	270	< 0.5	6.24	11.79048	7.26	170.7134	320	1344.67	653	37.5	147	129	4.43
DX-01	10-276	270	271	< 0.5	5.09	9.617555	6.05	118.2896	858	4234.28	291	261	62	39	2.56
DX-01	10-277	271	272.3	< 0.5	7.7	14.54915	4.18	92.7498	222	1044.265	697	60.5	17.5	7.5	2.37
DX-01	10-278	272.3	273.3	< 0.5	7.34	13.86893	7.66	91.67444	204	1072.875	623	53	37	12.5	2.34
DX-01	10-279	273.3	274.3	< 0.5	6.68	12.62186	8.44	97.32008	208	1165.8575	406	53.5	48	15.5	2.04
DX-01	10-280	274.3	275.3	< 0.5	7.79	14.719205	7.2	102.96572	222	1158.705	347	61	40.5	12	2.86
DX-01	10-281	275.3	276.3	< 0.5	8.54	16.13633	6.24	111.5686	302	1516.33	324	82.5	47	14.5	2.12
DX-01	10-282	276.3	277.3	< 0.5	8.02	15.15379	6.12	108.07368	328	1716.6	443	99	44	14.5	2.84
DX-01	10-283	277.3	278.3	< 0.5	6.97	13.169815	9.02	95.97588	280	1544.94	368	77	43.5	14.5	2.15
DX-01	10-284	278.3	279.3	< 0.5	7.51	14.190145	8.87	94.90052	206	1115.79	336	54	34	10	2.15
DX-01	10-285	279.3	280.3	< 0.5	8.21	15.512795	6.21	104.8476	362	1831.04	306	104	38.5	13	4.27
DX-01	10-286	280.3	281	< 0.5	6.44	12.16838	7.13	106.46064	704	3604.86	262	206	48	20	9.32
DX-01	10-287	281	282	< 0.5	6.21	11.733795	8.38	100.54616	548	2903.915	316	155	47.5	17.5	2.33
DX-01	10-288	282	283	< 0.5	6.75	12.754125	9.58	91.67444	272	1516.33	334	74.5	36.5	11.5	2.37
DX-01	10-289	283	284.3	< 0.5	8.11	15.323845	7.36	102.96572	248	1409.0425	350	70	36.5	11.5	2.39
DX-01	10-290	284.3	285.4	< 0.5	7.17	13.547715	6.99	90.0614	384	2059.92	372	106	33.5	12	2.51
DX-01	10-291	285.4	286.1	< 0.5	6.55	12.376225	9.5	96.7824	270	1759.515	368	79.5	45.5	15	3.43
DX-01	10-292	286.1	287.3	< 0.5	7.07	13.358765	9.14	98.66428	238	1487.72	366	69.5	99	16.5	3.38
DX-01	10-293	287.3	288.3	< 0.5	7.66	14.47357	7.57	91.94328	310	1673.685	368	83	36.5	11.5	3.03
DX-01	10-294	288.3	289.3	< 0.5	6.79	12.829705	7.65	66.13464	366	1873.955	199	96.5	38	13.5	2.38
DX-01	10-295	289.3	290.3	< 0.5	6.59	12.451805	8.31	86.0288	248	1487.72	402	75.5	36.5	11	4.03

Hole ID	SAMPLE	From	To	ME-MS81h Ag ppm	ME-MS81h Al %	ME-MS81h Al2O3 %	ME-MS81h Fe %	ME-MS81h Ga2O3 ppm	ME-MS81h Hf ppm	ME-MS81h Nb2O5 ppm	ME-MS81h Rb ppm	ME-MS81h Ta ppm	ME-MS81h Th ppm	ME-MS81h U ppm	ME-MS81h ZrO2 %
DX-01	10-296	290.3	291.3	< 0.5	5.67	10.713465	7.97	80.92084	516	2617.815	291	154	26	11	7.46
DX-01	10-297	291.3	292.3	< 0.5	7.73	14.605835	9.77	77.15708	108	636.5725	305	30	10.5	3.5	5.75
DX-01	10-298	292.3	293.3	< 0.5	6.03	11.393685	12.3	73.12448	188	1037.1125	254	52	12.5	4.5	2.94
DX-01	10-299	293.3	294.6	< 0.5	6.72	12.69744	9.09	79.3078	268	1630.77	261	81	22	8	2.70
DX-01	10-300	294.6	295.2	< 0.5	7.77	14.681415	8.42	88.7172	264	1544.94	287	87	22.5	8.5	4.24
DX-01	10-301	295.2	296.2	< 0.5	7.53	14.227935	8.5	93.28748	320	1845.345	271	103	30.5	13	2.86
DX-01	10-302	296.2	297.2	< 0.5	7.57	14.303515	9.36	79.84548	128	965.5875	257	43	43	15	2.47
DX-01	10-303	297.2	298.2	< 0.5	8.01	15.134895	8.49	54.57452	48	379.0825	238	13	30.5	12.5	3.38
DX-01	10-304	298.2	299.2	< 0.5	7.27	13.736665	9.91	70.70492	56	557.895	232	19.5	37	14	3.92
DX-01	10-305	299.2	300.2	< 0.5	7.45	14.076775	9.46	73.66216	54	500.675	235	17.5	38	14	2.67
DX-01	10-306	300.2	301.2	< 0.5	6.53	12.338435	10.8	84.14692	70	908.3675	208	34.5	55.5	19	5.78
DX-01	10-307	301.2	302.2	< 0.5	4.7	8.88065	15	74.19984	116	894.0625	176	34.5	39.5	11	1.15
DX-01	10-308	302.2	303.2	< 0.5	7.66	14.47357	8.48	65.59696	42	450.6075	260	14	39	13.5	1.97
DX-01	10-309	303.2	304.2	< 0.5	7.08	13.37766	9.9	80.92084	42	643.725	243	21.5	51	16.5	2.92
DX-01	10-310	304.2	305.2	< 0.5	7.46	14.09567	8.92	67.21	44	500.675	236	15.5	39.5	14	2.70
DX-01	10-311	305.2	306.2	0.5	7.3	13.79335	9.01	72.04912	36	522.1325	248	16	52	20.5	3.32
DX-01	10-312	306.2	307.2	< 0.5	7.07	13.358765	9.59	67.21	42	615.115	274	19.5	49.5	24.5	1.43
DX-01	10-313	307.2	308.1	< 0.5	5.89	11.129155	13.3	83.3404	46	607.9625	209	20	47.5	15.5	0.50
DX-01	10-314	308.1	309.1	< 0.5	6.87	12.980865	10.7	72.5868	62	572.2	302	22	26.5	11.5	0.69
DX-01	10-315	309.1	310.1	< 0.5	6.75	12.754125	10.2	72.85564	36	579.3525	252	20.5	35	19	0.63
DX-01	10-316	310.1	311.1	< 0.5	6.92	13.07534	10.8	90.59908	148	1072.875	209	52.5	30.5	10	0.86
DX-01	10-317	311.1	312.1	< 0.5	6.33	11.960535	8.8	82.53388	480	2474.765	254	157	28	8.5	1.31
DX-01	10-318	312.1	313	< 0.5	6.97	13.169815	9.77	68.01652	62	493.5225	243	20	26	9.5	0.54
DX-01	10-319	313	313.85	0.5	7.11	13.434345	9.77	70.43608	50	443.455	248	17.5	41.5	14.5	0.52
DX-01	10-320	313.85	315.2	< 0.5	7.07	13.358765	9.5	76.6194	64	772.47	224	30.5	61.5	20	0.54
DX-01	10-321	315.2	316.2	< 0.5	7.32	13.83114	9.68	72.31796	46	593.6575	227	25	45	18	0.49

Hole ID	SAMPLE	From	To	ME-MS81h Ag ppm	ME-MS81h Al %	ME-MS81h Al2O3 %	ME-MS81h Fe %	ME-MS81h Ga2O3 ppm	ME-MS81h Hf ppm	ME-MS81h Nb2O5 ppm	ME-MS81h Rb ppm	ME-MS81h Ta ppm	ME-MS81h Th ppm	ME-MS81h U ppm	ME-MS81h ZrO2 %
DX-01	10-322	316.2	317.2	< 0.5	7.29	13.774455	8.92	69.62956	52	529.285	286	20.5	40	15.5	0.54
DX-01	10-323	317.2	318.2	< 0.5	6.56	12.39512	10.2	78.77012	48	786.775	294	26	550	45.5	0.55
DX-01	10-324	318.2	319.2	< 0.5	7.41	14.001195	9.02	68.82304	56	550.7425	239	23.5	66.5	17	0.73
DX-01	10-325	319.2	319.6	< 0.5	7.28	13.75556	9.41	79.3078	64	622.2675	243	29.5	53	15	0.46
DX-01	10-326	319.6	320.6	< 0.5	7.44	14.05788	8.92	70.16724	42	479.2175	277	18.5	46	17	1.52
DX-01	10-327	320.6	321.6	< 0.5	6.61	12.489595	8.51	73.931	192	1158.705	271	65	40.5	14	4.86
DX-01	10-328	321.6	322.6	< 0.5	7.3	13.79335	7.92	73.39332	130	786.775	295	45.5	27	7.5	0.75
DX-01	10-329	322.6	323.5	< 0.5	6.56	12.39512	12.2	78.23244	60	593.6575	216	22	30.5	10.5	0.63
DX-01	10-330	323.5	324.2	< 0.5	7.53	14.227935	9.67	83.60924	48	486.37	256	18.5	32.5	12.5	0.71
DX-01	10-331	324.2	234.6	< 0.5	7.49	14.152355	8.81	66.40348	36	436.3025	252	18	34	11.5	0.59
DX-01	10-333	325.6	326.6	< 0.5	7.49	14.152355	9.12	76.35056	48	593.6575	268	25	42	14.5	0.65
DX-01	10-334	326.6	327.6	< 0.5	7.16	13.52882	9.77	75.2752	46	543.59	256	23	40.5	13.5	0.58
DX-01	10-335	327.6	328.6	< 0.5	7.47	14.114565	10.3	69.62956	36	400.54	277	13	23.5	9	0.68
DX-01	10-336	328.6	329.6	< 0.5	6.94	13.11313	12.2	71.2426	30	350.4725	211	10.5	15	5	0.73
DX-01	10-337	329.6	331.55	0.5	7.49	14.152355	9.9	69.62956	40	429.15	198	14	33.5	12.5	0.55
DX-01	10-338	331.55	333	< 0.5	7.93	14.983735	8.07	59.1448	34	329.015	223	11	35	12.5	2.00
AVERAGE						14.27	7.94	103.03	225.94	1174.06	446.86	59.72	57.58	21.31	2.45

Appendix 3 – REE Diamond Drill Hole DDH-0714

Hole ID	From	To	length	Sample Number	ZrO2	CeO2	La2O3	Pr6O11	Nd2O3	Sm2O3	Eu2O3	Gd2O3	Tb4O7	Dy2O3	Ho2O3	Er2O3	Tm2O3	Yb2O3	Lu2O3	Y2O3 (Esti.)	TOTAL	TOTAL	TOTAL	% HEAVY
					%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	REO	HREO	LREO	REE (Esti)
DDH0714	2.11	3.08	0.97	DDH 002161	0.95	1310	670	151	519	95.04	8.80	80.71	14.11	94.71	19.27	55.48	8.68	52.39	6.84	700	3786	1033	2754	27.27%
DDH0714	3.08	4.02	0.94	DDH 002162	1.09	1270	670	143	510	101.99	9.73	89.93	16.23	104.47	22.02	65.78	9.59	60.37	7.52	699	3779	1075	2704	28.45%
DDH0714	4.02	4.96	0.94	DDH 002163	1.28	1310	660	146	512	101.99	9.50	94.55	17.88	117.10	24.55	73.22	10.96	67.20	8.89	716	3870	1130	2740	29.21%
DDH0714	4.96	5.93	0.97	DDH 002164	1.23	1270	690	135	461	94.46	9.03	85.32	16.23	107.34	22.48	68.64	10.28	62.65	8.21	690	3731	1071	2659	28.72%
DDH0714	5.93	6.89	0.96	DDH 002165	3.63	3490	1830	367	1294	267.73	26.63	242.13	48.22	304.22	68.13	207.06	31.98	185.66	25.54	1904	10293	3017	7276	29.31%
DDH0714	6.89	7.85	0.96	DDH 002166	2.26	2210	1160	243	854	172.69	16.44	159.11	30.58	194.01	41.29	129.27	19.87	120.73	16.42	1218	6585	1930	4655	29.30%
DDH0714	7.85	8.765	0.915	DDH 002168	0.95	1100	620	116	405	74.76	7.41	69.18	12.94	83.80	17.21	52.62	7.77	48.98	6.61	595	3217	894	2322	27.80%
DDH0714	8.765	9.65	0.885	DDH 002169	1	2150	1000	239	871	157.62	14.36	131.44	21.64	130.87	25.92	69.78	10.28	59.23	7.30	1110	5998	1566	4432	26.11%
DDH0714	9.65	10.54	0.89	DDH 002170	0.9	2610	1210	284	965	166.90	14.59	131.44	21.17	125.13	24.32	65.21	9.36	54.67	7.07	1291	6981	1730	5251	24.78%
DDH0714	10.54	11.47	0.93	DDH 002171	0.84	1630	910	161	541	97.36	8.34	80.71	14.58	92.41	18.81	53.20	7.99	47.84	6.38	833	4502	1155	3347	25.65%
DDH0714	11.47	12.34	0.87	DDH 002172	1.39	2260	1100	255	890	162.26	15.05	136.05	23.52	148.09	30.05	85.80	12.79	76.31	10.26	1181	6386	1704	4682	26.69%
DDH0714	12.34	13.23	0.89	DDH 002173	0.95	1530	850	158	529	97.94	9.96	89.93	15.76	104.47	21.56	62.35	9.36	54.67	7.30	804	4345	1169	3176	26.91%
DDH0714	13.23	14.11	0.88	DDH 002174	0.65	750	440	83	278	53.31	4.86	48.43	8.47	56.25	11.93	36.04	5.71	35.31	4.79	412	2228	619	1609	27.79%
DDH0714	14.11	15	0.89	DDH 002175	1.1	2490	1130	286	963	163.42	13.90	122.22	19.52	121.69	24.32	69.78	10.51	63.78	8.21	1245	6732	1685	5047	25.04%
DDH0714	15	15.94	0.94	DDH 002176	1.79	1720	890	188	634	128.65	12.74	122.22	23.05	151.54	33.03	99.53	14.85	93.40	12.54	936	5060	1486	3574	29.37%
DDH0714	15.94	16.86	0.92	DDH 002177	0.82	940	500	111	381	72.44	6.95	64.57	12.23	79.21	16.52	50.34	7.77	46.70	6.38	521	2817	805	2012	28.57%
DDH0714	16.86	17.8	0.94	DDH 002179	1.07	1100	590	123	415	85.77	8.57	80.71	14.58	94.71	20.42	60.63	9.36	58.09	7.98	606	3275	952	2323	29.08%
DDH0714	17.8	18.625	0.825	DDH 002180	1.31	1410	750	162	552	109.53	10.42	99.16	17.88	119.39	25.46	76.65	11.65	70.62	9.35	777	4201	1207	2993	28.74%
DDH0714	18.625	19.555	0.93	DDH 002181	0.89	1230	650	134	433	81.13	7.41	73.79	14.35	104.47	24.32	70.36	10.05	56.95	7.30	658	3554	1019	2535	28.67%
DDH0714	19.555	20.51	0.955	DDH 002182	1.8	2010	1080	220	749	144.88	13.66	133.75	24.46	159.57	34.18	101.24	15.53	95.68	12.77	1088	5882	1665	4217	28.31%
DDH0714	20.51	21.45	0.94	DDH 002183	2.2	1850	940	211	725	152.99	15.52	149.89	29.16	191.72	41.98	137.28	21.24	129.85	16.87	1047	5660	1765	3895	31.18%
DDH0714	21.45	22.42	0.97	DDH 002184	1.11	1360	690	143	503	100.25	9.96	92.24	17.64	115.95	24.55	72.64	11.19	64.92	8.44	729	3942	1137	2805	28.84%
DDH0714	22.42	23.35	0.93	DDH 002185	1.5	1250	680	145	493	102.57	9.96	96.85	18.82	125.13	27.53	82.94	13.02	82.01	10.72	712	3850	1169	2681	30.37%
DDH0714	23.35	24.21	0.86	DDH 002186	1.47	1140	640	129	491	100.25	9.50	94.55	18.35	126.28	27.99	86.94	13.70	79.73	10.94	674	3642	1132	2510	31.09%
DDH0714	24.21	25.11	0.9	DDH 002187	1.61	1390	710	157	554	113.00	11.12	110.69	20.70	136.61	30.05	89.23	13.70	84.29	11.17	779	4210	1275	2935	30.29%
DDH0714	25.11	26.065	0.955	DDH 002188	1.57	1530	800	168	581	119.38	12.04	112.99	21.64	142.35	30.74	93.24	14.16	85.43	11.63	845	4567	1357	3210	29.71%
DDH0714	26.065	27	0.935	DDH 002190	1.36	1600	810	180	687	137.92	13.43	119.91	21.64	136.61	26.84	79.51	11.65	71.76	9.58	887	4792	1364	3428	28.46%
DDH0714	27	27.905	0.905	DDH 002191	1.18	1240	650	137	469	97.94	9.73	87.63	16.70	108.49	22.94	68.07	10.51	62.65	8.44	678	3667	1064	2603	29.01%
DDH0714	27.905	28.815	0.91	DDH 002192	1.77	1750	870	198	700	139.08	14.13	136.05	25.17	163.02	35.10	104.68	15.76	95.68	12.54	967	5226	1555	3671	29.75%
DDH0714	28.815	29.78	0.965	DDH 002193	2.18	2020	1030	220	803	158.78	15.29	147.58	28.93	188.27	40.60	124.70	18.50	112.76	15.05	1118	6041	1794	4247	29.70%
DDH0714	29.78	30.71	0.93	DDH 002194	1.33	1540	740	164	578	114.74	11.12	103.77	19.05	123.98	25.69	74.93	11.42	68.34	9.12	814	4399	1250	3148	28.42%
DDH0714	30.71	31.69	0.98	DDH 002195	1.64	1770	880	181	683	139.08	13.43	131.44	24.23	159.57	33.26	97.81	14.62	87.70	11.63	960	5187	1520	3667	29.30%
DDH0714	31.69	32.685	0.995	DDH 002196	1.17	1280	650	134	469	93.88	9.73	89.93	16.46	107.34	22.94	70.36	10.51	64.92	8.44	687	3715	1078	2636	29.02%
DDH0714	32.685	33.6	0.915	DDH 002197	0.99	1570	770	168	634	127.49	11.35	112.99	19.99	126.28	25.46	72.07	10.51	59.23	7.52	843	4558	1277	3281	28.02%

Hole ID	From	To	length	Sample Number	ZrO2	CeO2	La2O3	Pr6O11	Nd2O3	Sm2O3	Eu2O3	Gd2O3	Tb4O7	Dy2O3	Ho2O3	Er2O3	Tm2O3	Yb2O3	Lu2O3	Y2O3 (Esti.)	TOTAL	TOTAL	TOTAL	% HEAVY
					%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	REO	HREO	LREO	REE (Esti)
DDH0714	33.6	34.57	0.97	DDH 002198	1.62	2030	1020	232	781	164.58	15.52	152.20	27.52	166.46	36.70	105.82	15.53	91.12	11.86	1101	5951	1708	4243	28.70%
DDH0714	34.57	35.515	0.945	DDH 002199	1.1	2270	1090	269	914	178.49	16.21	152.20	26.34	163.02	32.12	90.38	13.02	75.17	9.35	1203	6503	1765	4738	27.14%
DDH0714	35.515	36.455	0.94	DDH 002201	1.46	2260	1170	249	850	154.15	14.59	138.36	24.70	161.87	33.03	98.38	14.62	85.43	11.40	1195	6461	1763	4698	27.29%
DDH0714	36.455	37.45	0.995	DDH 002202	1.41	2480	1330	265	929	164.58	15.29	145.28	25.64	166.46	34.18	100.10	15.07	87.70	11.40	1310	7079	1895	5184	26.78%
DDH0714	37.45	38.45	1	DDH 002203	1.29	2020	1180	217	749	128.65	12.27	115.30	21.40	135.46	28.90	85.23	13.02	76.31	10.26	1088	5881	1574	4307	26.76%
DDH0714	38.45	39.4	0.95	DDH 002204	1.78	2000	1110	219	781	154.15	14.13	140.67	26.11	176.79	36.93	110.40	17.13	102.51	13.45	1113	6015	1737	4278	28.87%
DDH0714	39.4	40.38	0.98	DDH 002205	1.76	2450	1310	275	886	187.76	17.83	168.34	31.05	202.05	42.21	124.70	18.73	109.34	14.14	1325	7163	2036	5127	28.42%
DDH0714	40.38	41.35	0.97	DDH 002206	0.91	2200	1240	222	740	128.65	11.35	110.69	19.52	125.13	25.69	74.36	10.96	61.51	8.21	1130	6109	1566	4543	25.64%
DDH0714	41.35	42.335	0.985	DDH 002207	0.92	3490	1850	371	1151	197.03	17.60	156.81	25.87	152.68	30.28	81.22	11.65	64.92	8.21	1727	9335	2259	7076	24.20%
DDH0714	42.335	43.235	0.9	DDH 002208	1.28	2290	1110	251	877	165.74	15.52	147.58	26.58	167.61	34.18	97.81	14.16	83.15	10.72	1201	6492	1783	4709	27.46%
DDH0714	43.235	44.22	0.985	DDH 002209	1.05	2020	990	228	806	149.51	13.90	131.44	22.81	143.50	29.59	82.37	11.88	69.48	8.89	1069	5776	1569	4207	27.16%
DDH0714	44.22	45.18	0.96	DDH 002210	1.61	3260	1540	365	1259	230.64	20.84	198.32	33.87	202.05	44.04	125.84	18.50	107.07	13.68	1684	9103	2427	6676	26.67%
DDH0714	45.18	46.165	0.985	DDH 002212	1.89	2660	1360	297	1032	190.08	18.76	168.34	30.81	200.90	42.67	125.84	19.19	110.48	14.82	1423	7694	2137	5558	27.77%
DDH0714	46.165	47.155	0.99	DDH 002213	0.9	1240	700	141	422	71.86	6.72	57.65	10.35	69.45	14.91	45.76	7.77	48.98	6.61	645	3489	907	2582	25.99%
DDH0714	47.155	48.125	0.97	DDH 002214	1.05	1120	600	132	463	92.72	8.80	87.63	15.76	104.47	22.48	67.50	10.05	62.65	8.21	634	3429	1013	2416	29.54%
DDH0714	48.125	49.1	0.975	DDH 002215	1.29	1550	780	180	648	126.33	11.35	110.69	19.52	128.58	27.30	78.94	12.33	74.04	10.26	853	4611	1315	3296	28.51%
DDH0714	49.1	49.975	0.875	DDH 002216	1.23	1260	660	152	526	105.47	10.19	92.24	18.11	118.24	25.23	76.65	11.42	69.48	9.35	712	3846	1132	2714	29.44%
DDH0714	49.975	50.94	0.965	DDH 002217	1.42	1770	920	197	690	135.60	12.97	119.91	21.40	140.06	29.82	88.66	13.70	83.15	10.94	961	5194	1469	3726	28.27%
DDH0714	50.94	51.9	0.96	DDH 002218	2.14	2220	1180	246	842	169.21	16.21	161.42	29.40	190.57	42.67	130.42	19.87	117.32	16.19	1222	6603	1929	4674	29.22%
DDH0714	51.9	52.87	0.97	DDH 002219	1.12	1220	640	139	484	95.62	9.73	89.93	16.93	110.78	23.63	71.50	11.19	66.06	9.12	678	3665	1077	2588	29.39%
DDH0714	52.87	53.845	0.975	DDH 002220	2.54	2460	1270	281	1076	201.67	19.92	186.79	36.46	243.38	52.07	154.44	23.53	142.38	18.47	1400	7567	2257	5309	29.83%
DDH0714	53.845	54.805	0.96	DDH 002221	1.46	1510	720	172	649	125.17	12.51	115.30	22.11	141.20	30.05	90.38	13.48	83.15	10.94	839	4534	1345	3189	29.67%
DDH0714	54.805	55.735	0.93	DDH 002223	1.61	1530	800	181	654	129.81	13.20	119.91	23.05	154.98	32.35	97.81	14.85	91.12	12.08	875	4729	1421	3308	30.05%
DDH0714	55.735	56.685	0.95	DDH 002224	1.45	1370	730	173	576	121.70	11.58	110.69	21.40	141.20	30.05	88.09	13.48	83.15	11.17	790	4271	1289	2982	30.19%
DDH0714	56.685	57.58	0.895	DDH 002225	1.82	1670	880	198	689	143.72	13.66	136.05	26.34	169.90	36.47	110.40	16.90	101.37	13.91	955	5161	1566	3595	30.35%
DDH0714	57.58	58.53	0.95	DDH 002226	1.52	1500	820	178	614	127.49	12.04	117.61	21.40	141.20	30.05	91.52	13.93	85.43	11.63	854	4619	1367	3252	29.60%
DDH0714	58.53	59.515	0.985	DDH 002227	1.3	1290	670	155	548	108.37	10.42	101.46	19.05	123.98	26.15	81.22	12.11	75.17	10.26	733	3964	1183	2781	29.84%
DDH0714	59.515	60.475	0.96	DDH 002228	1.26	1330	720	164	542	111.26	10.42	99.16	18.82	125.13	26.38	78.36	12.33	75.17	9.80	754	4078	1200	2878	29.42%
DDH0714	60.475	61.46	0.985	DDH 002229	1.22	1230	640	150	518	100.83	9.73	92.24	17.88	117.10	24.55	75.50	11.42	68.34	9.35	696	3760	1112	2648	29.57%
DDH0714	61.46	62.42	0.96	DDH 002230	1.26	1350	710	90	308	60.85	5.79	55.34	10.82	69.45	14.68	44.04	6.62	42.14	5.47	629	3403	878	2525	25.81%
DDH0714	62.42	63.305	0.885	DDH 002231	1.68	1680	880	198	675	130.97	13.20	124.52	23.76	156.13	33.49	100.67	15.76	94.54	12.31	939	5078	1501	3577	29.55%
DDH0714	63.305	64.28	0.975	DDH 002232	1.31	1340	700	163	531	110.11	10.42	99.16	18.35	122.84	26.38	80.08	12.56	77.45	10.26	749	4051	1196	2854	29.54%
DDH0714	64.28	65.255	0.975	DDH 002234	1.28	1370	720	159	543	108.95	10.89	99.16	17.64	117.10	25.23	75.50	11.65	70.62	9.58	758	4097	1184	2913	28.91%
DDH0714	65.255	66.155	0.9	DDH 002235	1.18	1450	750	167	588	112.42	10.89	99.16	18.35	118.24	25.00	74.93	11.65	70.62	9.58	796	4301	1223	3078	28.44%
DDH0714	66.155	67.12	0.965	DDH 002236	1.71	1630	850	187	659	130.97	13.20	126.83	24.23	159.57	33.95	102.96	15.76	96.82	12.54	918	4961	1490	3470	30.04%
DDH0714	67.12	68.09	0.97	DDH 002237	1.18	1250	650	149	501	97.36	10.19	89.93	16.93	110.78	23.40	70.36	10.96	64.92	8.89	693	3747	1089	2658	29.07%

Hole ID	From	To	length	Sample Number	ZrO2	CeO2	La2O3	Pr6O11	Nd2O3	Sm2O3	Eu2O3	Gd2O3	Tb4O7	Dy2O3	Ho2O3	Er2O3	Tm2O3	Yb2O3	Lu2O3	Y2O3 (Esti.)	TOTAL	TOTAL	TOTAL	% HEAVY
					%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	REO	HREO	LREO	REE (Esti)
DDH0714	68.09	69.025	0.935	DDH 002238	0.68	820	470	102	342	64.90	6.25	59.96	10.82	67.16	14.22	42.33	6.40	38.73	5.24	465	2515	710	1805	28.24%
DDH0714	69.025	70.005	0.98	DDH 002239	1.27	1610	790	186	631	125.17	11.58	110.69	19.52	125.13	26.38	78.94	11.88	70.62	9.35	864	4670	1316	3354	28.19%
DDH0714	70.005	70.975	0.97	DDH 002240	1.15	1300	740	149	514	95.04	9.03	89.93	16.46	109.06	23.63	70.93	10.96	67.20	9.12	727	3931	1125	2807	28.61%
DDH0714	70.975	71.95	0.975	DDH 002241	0.98	1010	550	122	428	85.19	8.11	76.10	14.35	95.86	20.19	60.63	9.59	56.95	7.52	578	3122	919	2203	29.43%
DDH0714	71.95	72.86	0.91	DDH 002242	1.12	1580	840	186	604	111.84	10.19	99.16	17.64	115.95	23.63	72.07	10.73	64.92	8.89	850	4595	1263	3332	27.49%
DDH0714	72.86	73.84	0.98	DDH 002243	1.11	1120	590	134	466	90.98	9.03	85.32	15.52	103.89	21.79	66.92	10.51	62.65	8.89	632	3418	1008	2411	29.48%
DDH0714	73.84	74.835	0.995	DDH 002245	0.96	1000	550	121	423	81.71	7.87	76.10	13.64	88.40	19.27	56.63	8.91	53.53	7.52	569	3077	893	2183	29.03%
DDH0714	74.835	75.815	0.98	DDH 002246	1.12	1050	580	126	434	87.50	8.80	85.32	15.52	103.32	22.25	66.92	10.05	62.65	8.66	604	3264	979	2286	29.98%
DDH0714	75.815	76.75	0.935	DDH 002247	1.08	1090	580	134	436	90.98	8.57	83.02	15.76	103.89	21.79	65.78	10.05	60.37	8.44	615	3324	984	2340	29.60%
DDH0714	76.75	77.71	0.96	DDH 002248	1.24	1200	640	143	473	100.25	9.73	94.55	17.40	115.95	25.23	74.93	11.65	69.48	9.35	677	3662	1096	2566	29.93%
DDH0714	77.71	78.585	0.875	DDH 002249	1.21	1290	680	145	512	103.15	9.73	92.24	17.17	114.80	24.32	74.93	11.42	68.34	9.35	716	3868	1128	2740	29.17%
DDH0714	78.585	79.565	0.98	DDH 002250	0.76	750	410	83	297	60.85	5.33	53.04	9.88	67.16	14.22	43.47	6.62	42.14	5.24	420	2268	661	1607	29.16%
DDH0714	79.565	80.53	0.965	DDH 002251	1.15	1160	620	134	476	95.62	9.26	87.63	16.70	110.78	23.63	69.78	10.96	66.06	8.66	656	3545	1050	2495	29.62%
DDH0714	80.53	81.51	0.98	DDH 002252	2.08	2160	1140	246	855	170.37	16.91	161.42	30.11	198.60	42.67	130.42	19.64	119.60	16.19	1205	6512	1923	4588	29.54%
DDH0714	81.51	82.475	0.965	DDH 002253	3.16	3060	1600	350	1224	251.50	24.55	230.60	44.69	295.04	66.30	195.62	29.92	179.96	24.40	1720	9297	2786	6511	29.97%
DDH0714	82.475	83.45	0.975	DDH 002254	2.86	2690	1400	309	1109	224.85	22.70	202.93	40.92	273.22	57.58	169.31	27.18	166.29	21.43	1524	8239	2483	5756	30.14%
DDH0714	83.45	84.38	0.93	DDH 002256	2.79	2520	1330	286	988	208.62	21.08	189.09	38.10	258.30	53.45	170.46	26.04	153.77	20.98	1422	7686	2332	5354	30.34%
DDH0714	84.38	85.285	0.905	DDH 002257	0.91	940	480	110	393	77.07	7.41	71.49	13.88	91.84	19.27	57.20	8.68	53.53	7.30	529	2860	852	2007	29.80%
DDH0714	85.285	86.21	0.925	DDH 002258	1.05	1060	560	122	431	82.87	8.57	78.40	14.82	95.86	20.65	61.78	9.36	59.23	7.98	593	3206	941	2265	29.36%
DDH0714	86.21	87.15	0.94	DDH 002259	1.08	1120	580	133	471	92.14	9.03	85.32	15.99	104.47	21.79	66.92	10.05	61.51	7.98	631	3410	1005	2405	29.47%
DDH0714	87.15	88.11	0.96	DDH 002260	2.49	2460	1270	289	1002	209.78	20.15	193.70	36.46	226.16	51.16	159.02	23.75	142.38	19.38	1385	7487	2237	5250	29.88%
DDH0714	88.11	89.05	0.94	DDH 002261	3.45	3280	1670	390	1411	278.16	28.26	265.19	48.69	330.62	69.74	215.07	33.12	201.60	26.90	1872	10121	3063	7057	30.27%
DDH0714	89.05	89.99	0.94	DDH 002262	2.7	2650	1370	308	1055	220.21	21.77	200.62	37.63	260.60	55.97	165.88	24.90	152.63	20.29	1485	8029	2404	5625	29.94%
DDH0714	89.99	90.955	0.965	DDH 002263	0.82	840	450	103	364	70.70	6.95	59.96	11.76	76.92	15.83	49.19	7.54	47.84	6.38	479	2588	754	1834	29.14%
DDH0714	90.955	91.91	0.955	DDH 002264	0.75	840	460	96	343	64.90	6.02	57.65	10.35	71.18	14.68	44.62	7.08	43.28	5.70	469	2533	723	1810	28.55%
DDH0714	91.91	92.895	0.985	DDH 002265	0.97	1080	580	134	428	84.03	7.87	78.40	14.11	92.99	19.50	58.92	8.91	55.81	7.30	601	3251	937	2314	28.83%
DDH0714	92.895	93.845	0.95	DDH 002267	1.25	1290	670	138	494	98.52	9.73	92.24	17.17	114.80	24.32	72.64	11.42	67.20	9.12	706	3815	1115	2700	29.22%
DDH0714	93.845	94.83	0.985	DDH 002268	1.35	1390	770	167	570	110.11	10.89	101.46	19.76	128.58	27.30	83.51	12.79	77.45	10.49	790	4269	1251	3018	29.31%
DDH0714	94.83	95.75	0.92	DDH 002269	1.47	1500	770	175	612	120.54	12.04	110.69	21.17	140.06	29.82	91.52	13.70	83.15	11.86	838	4530	1340	3190	29.58%
DDH0714	95.75	96.66	0.91	DDH 002270	1.21	1310	670	156	511	106.05	10.19	96.85	17.88	117.10	25.23	73.22	11.65	70.62	9.58	723	3908	1145	2763	29.30%
DDH0714	96.66	97.59	0.93	DDH 002271	1.56	1520	810	180	640	122.85	12.27	112.99	22.34	146.94	31.43	96.67	15.07	89.98	12.31	866	4679	1393	3285	29.78%
DDH0714	97.59	98.53	0.94	DDH 002272	1.46	1420	770	165	555	114.16	11.12	108.38	20.46	138.91	29.36	89.80	13.70	83.15	11.40	802	4332	1297	3036	29.93%
DDH0714	98.53	99.47	0.94	DDH 002273	1.74	1750	920	203	700	136.76	12.97	126.83	24.23	161.87	35.10	105.25	16.67	97.95	13.00	977	5280	1558	3722	29.50%
DDH0714	99.47	100.42	0.95	DDH 002274	1.02	1140	580	129	445	84.03	7.87	73.79	13.64	91.84	19.50	57.20	8.91	56.95	7.98	617	3333	946	2387	28.40%
DDH0714	100.42	101.395	0.975	DDH 002275	1.83	2170	1160	250	838	157.62	15.52	142.97	26.58	173.35	37.39	113.83	17.36	105.93	14.14	1186	6409	1817	4592	28.35%
DDH0714	101.395	102.355	0.96	DDH 002276	1.55	1630	870	198	666	126.33	12.04	115.30	22.34	144.65	31.66	96.67	14.62	88.84	11.86	914	4943	1440	3502	29.14%

Hole ID	From	To	length	Sample Number	ZrO2	CeO2	La2O3	Pr6O11	Nd2O3	Sm2O3	Eu2O3	Gd2O3	Tb4O7	Dy2O3	Ho2O3	Er2O3	Tm2O3	Yb2O3	Lu2O3	Y2O3 (Esti.)	TOTAL	TOTAL	TOTAL	% HEAVY
					%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	REO	HREO	LREO	REE (Esti)
DDH0714	102.355	103.34	0.985	DDH 002278	1.62	1620	840	179	606	125.17	12.04	115.30	21.87	145.80	31.20	96.67	14.85	89.98	12.31	888	4798	1416	3382	29.50%
DDH0714	103.34	104.33	0.99	DDH 002279	2.25	1920	1000	257	932	183.12	17.37	172.95	32.93	214.68	45.42	145.29	21.93	135.54	18.47	1157	6254	1944	4309	31.09%
DDH0714	104.33	105.275	0.945	DDH 002280	0.75	1240	660	124	426	81.13	7.41	66.87	11.76	74.05	15.37	45.76	7.31	44.42	5.93	638	3448	909	2539	26.37%
DDH0714	105.275	106.235	0.96	DDH 002281	0.63	920	460	102	347	62.01	5.79	53.04	9.64	58.55	11.93	34.89	5.48	34.17	4.56	479	2588	691	1897	26.70%
DDH0714	106.235	107.235	1	DDH 002282	1.21	1390	720	152	570	102.57	9.73	92.24	16.93	108.49	23.63	71.50	10.73	66.06	9.12	759	4102	1158	2945	28.22%
DDH0714	107.235	108.195	0.96	DDH 002283	1.15	1200	660	126	433	82.87	8.11	76.10	14.35	95.28	20.19	62.92	9.36	56.95	7.98	647	3500	991	2509	28.30%
DDH0714	108.195	109.185	0.99	DDH 002284	1.34	1360	670	138	464	95.62	9.03	85.32	16.46	108.49	23.17	69.78	10.73	63.78	8.89	709	3832	1096	2736	28.59%
DDH0714	109.185	110.185	1	DDH 002285	1.43	1380	680	144	484	100.25	9.96	96.85	18.11	119.39	25.46	76.08	11.88	72.90	9.35	733	3961	1163	2798	29.36%
DDH0714	110.185	111.15	0.965	DDH 002286	1.58	1610	820	169	591	114.16	10.89	106.08	19.76	132.02	28.45	84.66	13.02	78.59	10.49	860	4648	1333	3315	28.68%
DDH0714	111.15	112.03	0.88	DDH 002287	2.26	2090	1080	239	841	170.37	17.14	161.42	30.58	205.49	44.04	133.85	20.33	123.01	16.64	1174	6347	1910	4437	30.09%
DDH0714	112.03	113.3	1.27	DDH 002289	2.08	1860	970	197	665	135.60	13.66	126.83	24.70	166.46	35.56	109.25	16.67	104.79	13.91	1008	5447	1606	3841	29.48%
DDH0714	113.3	114	0.7	DDH 002290	1.13	1200	620	117	414	80.55	7.41	73.79	13.41	87.25	19.04	57.20	8.68	54.67	7.52	627	3387	948	2439	27.99%
DDH0714	114	114.985	0.985	DDH 002291	1.31	1440	730	157	553	109.53	10.42	99.16	18.35	120.54	26.38	78.94	12.11	75.17	10.03	781	4221	1222	3000	28.94%
DDH0714	114.985	115.93	0.945	DDH 002292	1.38	1550	800	164	540	110.68	11.12	101.46	18.58	123.98	26.15	80.65	12.11	74.04	10.03	822	4445	1269	3176	28.56%
DDH0714	115.93	116.89	0.96	DDH 002293	1.32	1330	710	155	541	104.31	9.50	94.55	17.88	117.10	25.46	77.79	12.11	71.76	10.49	744	4020	1171	2849	29.12%
DDH0714	116.89	117.87	0.98	DDH 002294	1.04	1060	570	109	381	73.60	6.95	69.18	12.70	80.93	17.66	54.34	7.99	51.26	7.07	568	3070	869	2201	28.31%
DDH0714	117.87	118.825	0.955	DDH 002295	0.86	860	460	92	311	64.32	5.56	53.04	10.11	69.45	15.14	46.33	7.31	46.70	6.38	465	2512	719	1793	28.63%
DDH0714	118.825	119.75	0.925	DDH 002296	1	990	550	113	387	76.49	7.18	73.79	12.23	90.12	19.27	58.34	8.22	52.39	7.30	555	3000	877	2123	29.22%
DDH0714	119.75	120.63	0.88	DDH 002297	1.23	1280	690	156	541	101.41	9.73	92.24	17.17	115.95	24.78	74.93	11.42	69.48	9.12	725	3918	1140	2778	29.09%
DDH0714	120.63	121.54	0.91	DDH 002298	1.26	1350	700	147	514	101.99	10.19	94.55	17.64	119.39	25.23	75.50	11.42	70.62	9.35	737	3985	1161	2824	29.13%
DDH0714	121.54	122.475	0.935	DDH 002300	1.62	1720	890	186	647	129.81	12.51	119.91	21.64	140.06	30.97	91.52	13.93	84.29	11.40	930	5030	1444	3585	28.71%
DDH0714	122.475	123.4	0.925	DDH 002301	0.99	1590	800	162	588	101.99	9.96	89.93	15.52	99.30	20.88	60.06	9.36	52.39	7.30	819	4425	1173	3251	26.52%
DDH0714	123.4	124.38	0.98	DDH 002302	0.97	1510	730	163	559	103.15	9.50	85.32	15.52	98.73	19.73	60.06	8.91	53.53	7.07	777	4200	1126	3074	26.81%
DDH0714	124.38	125.35	0.97	DDH 002303	0.9	1270	640	145	500	92.14	9.26	80.71	14.11	90.69	18.81	55.48	8.22	51.26	6.61	677	3659	1003	2657	27.41%
DDH0714	125.35	126.29	0.94	DDH 002304	1.19	1080	600	127	443	86.93	8.57	85.32	15.99	105.04	23.40	70.93	10.73	66.06	8.89	620	3352	1006	2345	30.03%
DDH0714	126.29	127.26	0.97	DDH 002305	1.32	1170	620	124	447	89.24	8.80	83.02	16.23	106.76	23.17	70.93	10.96	68.34	8.89	646	3494	1035	2459	29.61%
DDH0714	127.26	128.26	1	DDH 002306	1.87	1760	890	201	693	142.56	13.90	131.44	25.64	172.20	36.93	110.97	16.90	104.79	13.91	979	5291	1592	3700	30.08%
DDH0714	128.26	129.25	0.99	DDH 002307	2.51	2210	1170	249	872	180.80	17.60	168.34	32.46	216.97	44.73	145.29	22.61	133.26	18.01	1244	6725	2026	4699	30.12%
DDH0714	129.25	130.225	0.975	DDH 002308	2.37	2310	1180	261	964	187.76	18.06	172.95	31.99	202.05	44.73	143.00	21.47	130.99	17.56	1291	6976	2055	4921	29.46%
DDH0714	130.225	131.2	0.975	DDH 002309	2.73	2510	1320	289	1018	201.67	20.15	202.93	37.16	249.12	51.39	163.59	25.81	154.90	20.75	1422	7686	2328	5358	30.28%
DDH0714	131.2	132.115	0.915	DDH 002311	1.3	1330	730	151	521	103.15	9.73	89.93	17.40	115.95	25.23	74.93	11.42	72.90	9.58	741	4003	1158	2845	28.93%
DDH0714	132.115	133.065	0.95	DDH 002312	1.07	1120	600	127	444	84.61	8.11	78.40	14.11	93.56	20.88	62.92	9.82	59.23	8.21	620	3351	967	2384	28.86%
DDH0714	133.065	134.035	0.97	DDH 002313	1.82	2010	1030	227	785	157.62	15.05	140.67	26.34	173.35	36.47	110.97	16.90	103.65	13.91	1100	5947	1722	4225	28.96%
DDH0714	134.035	134.975	0.94	DDH 002314	1.5	1710	860	202	717	137.92	12.74	122.22	22.11	144.65	30.28	92.09	13.93	85.43	11.17	945	5106	1466	3639	28.72%
DDH0714	134.975	135.96	0.985	DDH 002315	1.4	1370	740	155	542	108.37	10.42	101.46	19.29	126.28	27.99	84.66	13.02	77.45	10.49	769	4155	1229	2926	29.59%
DDH0714	135.96	136.95	0.99	DDH 002316	0.98	960	510	112	399	79.97	7.41	73.79	14.11	92.99	20.19	60.63	9.59	54.67	7.75	545	2947	879	2068	29.82%

Hole ID	From	To	length	Sample Number	ZrO2	CeO2	La2O3	Pr6O11	Nd2O3	Sm2O3	Eu2O3	Gd2O3	Tb4O7	Dy2O3	Ho2O3	Er2O3	Tm2O3	Yb2O3	Lu2O3	Y2O3 (Esti.)	TOTAL	TOTAL	TOTAL	% HEAVY
					%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	REO	HREO	LREO	REE (Esti)
DDH0714	136.95	137.905	0.955	DDH 002317	0.87	890	480	110	387	74.76	6.95	69.18	12.70	82.08	17.89	53.77	8.22	48.98	6.84	510	2759	810	1949	29.36%
DDH0714	137.905	138.835	0.93	DDH 002318	1.04	1010	540	110	392	75.91	7.41	69.18	12.94	86.67	18.58	56.06	8.68	53.53	7.07	556	3004	868	2136	28.91%
DDH0714	138.835	139.795	0.96	DDH 002319	0.99	970	500	120	402	79.97	7.87	71.49	13.41	91.84	19.27	60.63	9.14	55.81	7.52	547	2956	876	2080	29.63%
DDH0714	139.795	140.715	0.92	DDH 002320	1	1020	550	126	420	79.97	7.64	71.49	13.41	88.97	19.27	58.92	8.91	55.81	7.52	574	3101	898	2203	28.96%
DDH0714	140.715	141.685	0.97	DDH 002322	1.52	1590	820	180	612	125.17	11.58	110.69	21.17	138.91	29.82	90.38	13.93	85.43	11.63	872	4713	1374	3339	29.15%
DDH0714	141.685	142.635	0.95	DDH 002323	1.26	1320	690	165	546	107.79	10.19	99.16	17.88	114.80	25.00	74.93	11.42	69.48	9.35	740	4001	1162	2839	29.05%
DDH0714	142.635	143.535	0.9	DDH 002324	1.35	1490	740	170	614	113.00	10.65	103.77	19.05	126.28	27.07	81.22	12.33	77.45	10.26	816	4412	1274	3138	28.87%
DDH0714	143.535	144.455	0.92	DDH 002325	1.76	1880	1000	215	760	141.40	13.90	129.14	24.46	159.57	34.87	106.39	16.67	99.09	14.59	1043	5638	1628	4011	28.87%
DDH0714	144.455	145.42	0.965	DDH 002326	1.79	1770	910	215	761	144.88	14.36	133.75	24.70	166.46	36.25	109.25	16.67	100.23	13.68	1003	5419	1604	3816	29.59%
DDH0714	145.42	146.41	0.99	DDH 002327	1.21	1302	642	140	468	95.62	8.80	85.32	15.76	103.89	22.94	69.78	10.51	64.92	8.66	689	3727	1071	2655	28.74%
DDH0714	146.41	147.38	0.97	DDH 002328	1.79	1719	856	186	616	129.81	12.51	122.22	23.76	153.83	34.87	106.39	15.99	100.23	13.45	928	5019	1499	3519	29.87%
DDH0714	147.38	148.38	1	DDH 002329	2.5	2223	1138	248	819	168.06	16.44	161.42	30.81	197.46	45.42	139.57	20.78	130.99	17.78	1216	6571	1960	4611	29.83%
DDH0714	148.38	149.38	1	DDH 002330	3.2	3058	1513	342	1087	232.96	22.70	214.46	41.16	289.30	64.69	181.90	28.32	175.41	23.48	1651	8925	2670	6255	29.91%
DDH0714	149.38	150.3	0.92	DDH 002331	1.09	1125	557	124	400	78.81	7.41	73.79	14.11	90.12	20.42	62.35	9.59	59.23	8.21	597	3228	935	2293	28.97%
DDH0714	150.3	151.255	0.955	DDH 002333	0.62	826	427	95	287	55.05	5.10	48.43	8.47	53.96	11.70	34.89	5.48	34.17	4.56	431	2328	632	1696	27.16%
DDH0714	151.255	151.235	-0.02	DDH 002334	0.76	818	413	89	289	59.69	5.56	53.04	9.64	63.14	13.53	41.76	6.40	41.00	5.47	433	2341	667	1674	28.50%
DDH0714	151.235	153.215	1.98	DDH 002335	1.06	1351	652	153	538	97.94	9.03	83.02	15.52	94.71	20.65	61.78	9.14	55.81	7.30	715	3864	1063	2801	27.50%
DDH0714	153.215	154.195	0.98	DDH 002336	1.31	1277	651	145	475	93.88	9.03	87.63	16.46	105.62	23.86	70.93	10.96	67.20	9.12	691	3733	1082	2651	29.00%
DDH0714	154.195	155.14	0.945	DDH 002337	1.31	1658	793	184	640	118.22	11.12	103.77	18.58	119.39	25.69	78.36	11.65	70.62	9.80	872	4714	1310	3404	27.79%
DDH0714	155.14	156.08	0.94	DDH 002338	1.33	1289	631	141	479	95.04	9.26	85.32	16.70	107.34	23.63	72.07	11.19	69.48	9.35	690	3731	1085	2645	29.09%
DDH0714	156.08	156.96	0.88	DDH 002339	1.1	1173	603	130	431	86.35	8.57	78.40	15.05	94.14	21.10	62.92	9.59	60.37	8.44	632	3414	982	2432	28.75%
DDH0714	156.96	157.9	0.94	DDH 002340	1.44	1731	832	190	644	121.70	11.81	106.08	19.99	127.43	27.76	83.51	12.79	78.59	10.49	907	4904	1374	3530	28.02%
DDH0714	157.9	158.855	0.955	DDH 002341	0.78	831	408	92	300	59.69	5.79	50.73	9.64	62.57	13.99	42.33	6.40	41.00	5.70	438	2367	670	1697	28.32%
DDH0714	158.855	159.835	0.98	DDH 002342	1.14	1122	572	123	408	85.19	8.11	78.40	14.82	94.14	21.10	65.21	9.82	61.51	8.44	607	3280	960	2319	29.28%
DDH0714	159.835	160.755	0.92	DDH 002344	1.81	1781	876	202	689	135.60	13.43	122.22	23.28	156.13	33.95	102.96	15.99	96.82	12.77	967	5228	1531	3697	29.29%
DDH0714	160.755	161.7	0.945	DDH 002345	1.9	1817	906	198	687	135.60	12.97	126.83	24.46	152.68	35.33	106.39	15.76	99.09	13.68	983	5314	1557	3756	29.31%
DDH0714	161.7	162.665	0.965	DDH 002346	1.59	1486	760	165	576	111.26	10.89	103.77	19.76	129.72	28.68	89.23	13.93	83.15	11.40	815	4404	1294	3110	29.39%
DDH0714	162.665	163.585	0.92	DDH 002347	1.25	1228	617	140	451	89.24	9.26	80.71	15.76	101.60	22.94	70.36	10.96	66.06	9.12	661	3573	1039	2535	29.06%
DDH0714	163.585	164.505	0.92	DDH 002348	1.94	1879	936	203	707	139.08	13.66	131.44	25.40	166.46	36.25	112.68	16.90	105.93	14.14	1018	5505	1628	3877	29.57%
DDH0714	164.505	165.455	0.95	DDH 002349	1.71	1646	805	184	618	122.85	11.58	112.99	21.17	136.61	30.28	93.81	13.93	86.56	11.86	884	4777	1391	3386	29.12%
DDH0714	165.455	166.455	1	DDH 002350	1.37	1412	693	158	522	101.99	9.50	94.55	17.64	112.50	24.32	76.65	11.42	71.76	9.58	753	4069	1171	2898	28.78%
DDH0714	166.455	167.43	0.975	DDH 002351	1.21	1178	582	132	419	87.50	9.03	83.02	15.52	99.88	22.02	67.50	10.28	62.65	8.66	630	3406	1000	2406	29.35%
DDH0714	167.43	168.36	0.93	DDH 002352	0.87	845	419	101	309	64.90	5.56	57.65	10.35	66.58	14.45	44.04	6.62	39.87	5.47	452	2441	697	1745	28.54%
DDH0714	168.36	169.31	0.95	DDH 002353	0.92	952	474	108	344	68.96	6.48	64.57	12.00	76.92	17.21	52.05	7.77	47.84	6.38	508	2746	793	1953	28.87%
DDH0714	169.31	170.27	0.96	DDH 002355	0.99	1093	561	127	406	78.81	7.41	73.79	13.17	85.53	18.81	57.77	8.45	52.39	7.07	588	3177	905	2272	28.48%
DDH0714	170.27	171.2	0.93	DDH 002356	1.36	1339	658	150	513	103.15	9.26	92.24	17.64	111.93	25.23	76.65	11.65	72.90	9.58	724	3914	1142	2772	29.18%

Hole ID	From	To	length	Sample Number	ZrO2	CeO2	La2O3	Pr6O11	Nd2O3	Sm2O3	Eu2O3	Gd2O3	Tb4O7	Dy2O3	Ho2O3	Er2O3	Tm2O3	Yb2O3	Lu2O3	Y2O3 (Esti.)	TOTAL	TOTAL	TOTAL	% HEAVY
					%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	REO	HREO	LREO	REE (Esti)
DDH0714	171.2	172.185	0.985	DDH 002357	1.79	1682	849	190	645	130.97	12.74	122.22	22.81	144.65	33.26	101.24	15.30	94.54	12.77	921	4977	1468	3510	29.49%
DDH0714	172.185	173.13	0.945	DDH 002358	2.64	2235	1173	256	870	179.65	17.83	168.34	33.16	215.82	49.09	147.58	22.15	137.82	18.47	1254	6778	2046	4731	30.19%
DDH0714	173.13	174.085	0.955	DDH 002359	2.25	1695	834	191	652	125.17	12.51	117.61	22.11	146.94	31.89	99.53	15.30	92.26	12.54	919	4966	1457	3509	29.34%
DDH0714	174.085	175.045	0.96	DDH 002360	1.41	1253	632	137	458	96.20	8.80	85.32	15.99	109.06	24.09	75.50	11.42	71.76	10.03	678	3666	1081	2585	29.50%
DDH0714	175.045	176.015	0.97	DDH 002361	1.12	1114	554	130	420	82.87	8.34	73.79	13.88	90.12	20.42	59.49	9.36	58.09	7.98	600	3242	933	2309	28.78%
DDH0714	176.015	177.005	0.99	DDH 002362	1.4	1240	625	139	471	90.98	9.03	87.63	16.23	106.76	23.17	72.64	10.96	70.62	9.12	675	3647	1072	2575	29.39%
DDH0714	177.005	177.955	0.95	DDH 002363	1.37	1339	671	151	503	98.52	9.50	89.93	17.17	111.36	24.78	73.79	11.19	71.76	9.35	722	3902	1131	2771	28.99%
DDH0714	177.955	178.925	0.97	DDH 002364	1.13	1079	545	121	414	79.97	8.11	73.79	13.64	91.84	19.73	60.63	9.36	59.23	8.21	587	3171	923	2248	29.11%
DDH0714	178.925	179.905	0.98	DDH 002366	1.55	1547	786	173	545	110.11	10.89	101.46	19.29	126.28	27.76	84.66	12.56	78.59	10.72	825	4457	1286	3171	28.85%
DDH0714	179.905	180.885	0.98	DDH 002367	0.98	893	456	96	326	68.38	6.48	57.65	11.52	75.77	16.75	51.48	7.77	50.12	6.84	482	2607	760	1847	29.16%
DDH0714	180.885	181.865	0.98	DDH 002368	1.22	1168	606	130	442	85.77	8.80	80.71	15.52	100.45	22.02	68.07	10.05	64.92	8.44	638	3450	1008	2441	29.23%
DDH0714	181.865	182.83	0.965	DDH 002369	1.28	1289	660	147	503	99.09	9.50	89.93	16.70	108.49	24.09	73.79	11.19	68.34	9.35	706	3816	1108	2708	29.03%
DDH0714	182.83	183.76	0.93	DDH 002370	1.33	1351	676	155	520	100.83	9.96	89.93	17.17	111.36	24.78	76.08	11.19	71.76	9.35	732	3955	1143	2812	28.91%
DDH0714	183.76	184.735	0.975	DDH 002371	1.77	1756	911	194	649	127.49	12.04	119.91	22.81	146.94	32.35	100.10	15.07	93.40	13.00	952	5147	1496	3651	29.06%
DDH0714	184.735	185.7	0.965	DDH 002372	1.7	1596	789	176	600	117.06	11.58	110.69	20.70	136.61	30.28	94.38	13.70	87.70	11.63	862	4659	1368	3291	29.35%
DDH0714	185.7	186.67	0.97	DDH 002373	1.35	1277	640	143	458	92.72	9.26	85.32	16.46	105.62	23.63	72.07	10.96	68.34	9.35	684	3696	1075	2620	29.10%
DDH0714	186.67	187.64	0.97	DDH 002374	2.86	2603	1290	284	906	195.87	18.53	175.26	35.52	246.82	50.70	162.45	24.44	151.49	20.06	1399	7564	2266	5298	29.96%
DDH0714	187.64	188.62	0.98	DDH 002375	3.42	3033	1513	332	1087	231.80	22.47	205.23	42.34	270.93	63.09	188.76	28.55	177.68	23.48	1639	8858	2639	6220	29.79%
DDH0714	188.62	189.57	0.95	DDH 002377	1.83	1621	804	176	592	120.54	11.58	108.38	20.70	133.17	29.82	89.80	13.93	85.43	11.63	867	4685	1360	3325	29.02%
DDH0714	189.57	190.53	0.96	DDH 002378	1.31	1240	645	141	487	96.20	9.50	87.63	16.46	110.21	23.17	70.93	11.19	69.48	9.12	685	3703	1083	2620	29.25%
DDH0714	190.53	191.51	0.98	DDH 002379	1.46	1363	686	149	503	99.09	9.73	94.55	17.64	117.10	26.15	78.36	12.11	77.45	9.80	736	3978	1169	2809	29.39%
DDH0714	191.51	192.46	0.95	DDH 002380	0.85	803	415	89	286	57.95	5.56	53.04	10.11	62.57	14.22	44.62	6.85	44.42	6.16	431	2330	673	1657	28.89%
DDH0714	192.46	193.435	0.975	DDH 002381	1.48	1412	696	157	507	96.78	9.73	89.93	17.40	113.08	25.69	78.36	12.11	75.17	10.49	749	4050	1171	2879	28.93%
DDH0714	193.435	194.435	1	DDH 002382	2.79	2456	1255	269	876	183.12	18.06	184.48	32.93	211.23	48.40	149.86	23.07	141.24	18.92	1332	7199	2142	5057	29.75%
DDH0714	194.435	195.395	0.96	DDH 002383	1.92	1695	841	179	595	128.65	12.04	117.61	22.81	148.09	33.72	101.82	15.99	96.82	13.00	908	4908	1458	3450	29.70%
DDH0714	195.395	196.245	0.85	DDH 002384	1.31	1339	690	147	475	96.20	9.03	87.63	15.99	105.04	23.40	69.78	10.96	68.34	9.12	714	3860	1104	2755	28.61%
DDH0714	196.245	197.145	0.9	DDH 002385	1.52	1388	686	152	473	99.67	9.73	92.24	17.88	119.39	26.15	81.22	12.33	77.45	10.72	737	3983	1174	2809	29.48%
DDH0714	197.145	198.095	0.95	DDH 002386	1.42	1289	663	146	479	97.36	9.73	92.24	18.11	119.39	27.07	81.22	12.11	74.04	10.26	708	3827	1142	2685	29.85%
DDH0714	198.095	199.055	0.96	DDH 002388	4.66	4126	2111	465	1469	308.29	30.57	288.25	56.92	371.95	81.21	264.26	40.66	249.44	32.83	2246	12142	3632	8511	29.91%
DDH0714	199.055	200.035	0.98	DDH 002389	5.15	4740	2358	512	1679	344.22	34.97	315.92	61.86	421.32	90.84	282.57	43.17	263.11	36.25	2539	13722	4054	9668	29.54%
DDH0714	200.035	201.005	0.97	DDH 002390	3.38	2984	1525	331	1131	223.69	22.47	216.76	40.45	265.19	62.17	179.61	27.86	171.99	23.71	1635	8840	2623	6217	29.67%
DDH0714	201.005	201.995	0.99	DDH 002391	3.34	2959	1478	333	1082	222.53	21.77	214.46	39.75	274.37	58.96	181.90	27.64	169.71	23.26	1609	8696	2599	6097	29.88%
DDH0714	201.995	202.965	0.97	DDH 002392	2.4	2075	1055	232	756	154.15	14.82	142.97	27.75	177.94	40.83	126.98	19.19	121.87	16.19	1126	6086	1800	4286	29.57%
DDH0714	202.965	203.94	0.975	DDH 002393	2.19	1830	921	202	667	139.08	12.74	129.14	25.64	171.05	38.08	117.83	17.59	110.48	15.05	998	5394	1623	3771	30.08%
DDH0714	203.94	204.875	0.935	DDH 002394	1.62	1363	693	153	504	102.57	9.96	96.85	18.11	121.69	27.76	83.51	13.02	80.87	11.17	744	4023	1197	2826	29.76%
DDH0714	204.875	205.795	0.92	DDH 002395	0.91	1375	744	151	468	87.50	8.57	71.49	12.94	81.51	17.66	53.20	8.45	51.26	6.84	712	3849	1015	2834	26.38%

Hole ID	From	To	length	Sample Number	ZrO2	CeO2	La2O3	Pr6O11	Nd2O3	Sm2O3	Eu2O3	Gd2O3	Tb4O7	Dy2O3	Ho2O3	Er2O3	Tm2O3	Yb2O3	Lu2O3	Y2O3 (Esti.)	TOTAL	TOTAL	TOTAL	% HEAVY
					%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	REO	HREO	LREO	REE (Esti)
DDH0714	205.795	206.77	0.975	DDH 002396	1.42	1314	646	145	492	96.20	9.50	87.63	16.70	109.63	24.55	73.79	11.19	72.90	9.80	706	3815	1112	2703	29.15%
DDH0714	206.77	207.65	0.88	DDH 002397	0.88	1100	570	119	389	77.07	7.41	66.87	12.23	80.36	17.66	54.34	7.99	50.12	6.84	581	3140	877	2263	27.94%
DDH0714	207.65	208.605	0.955	DDH 002399	1.18	1170	582	129	409	81.71	7.87	76.10	14.35	92.99	20.42	64.06	9.82	62.65	8.66	620	3349	969	2380	28.92%
DDH0714	208.605	209.555	0.95	DDH 002400	1.55	1474	730	161	545	107.21	10.89	96.85	18.82	122.84	27.30	84.66	12.56	77.45	10.72	789	4267	1241	3026	29.07%
DDH0714	209.555	210.48	0.925	DDH 002401	1.5	1535	787	172	570	113.00	10.89	103.77	19.29	126.28	28.45	88.09	13.02	80.87	10.94	830	4489	1301	3188	28.99%
DDH0714	210.48	211.41	0.93	DDH 002402	1.36	1277	645	144	452	93.88	8.57	87.63	16.46	105.04	23.63	73.79	10.96	68.34	9.35	685	3701	1080	2621	29.18%
DDH0714	211.41	212.335	0.925	DDH 002403	0.79	766	388	86	268	53.89	5.33	48.43	9.41	59.12	13.08	40.61	6.40	38.73	5.47	406	2195	627	1568	28.58%
DDH0714	212.335	213.25	0.915	DDH 002404	1.74	1523	772	168	585	115.32	10.89	106.08	20.23	135.46	30.05	92.09	14.16	86.56	11.86	833	4504	1330	3174	29.52%
DDH0714	213.25	214.22	0.97	DDH 002405	1.76	1621	813	179	596	115.90	11.58	108.38	20.93	137.76	31.43	94.38	14.39	89.98	12.08	873	4718	1382	3336	29.30%
DDH0714	214.22	215.21	0.99	DDH 002406	2.45	2161	1101	244	814	163.42	16.21	149.89	29.40	195.16	42.90	136.14	20.56	126.43	17.10	1184	6402	1902	4500	29.71%
DDH0714	215.21	216.18	0.97	DDH 002407	2.77	2444	1243	265	919	183.12	18.30	168.34	32.93	220.42	50.70	153.30	23.30	143.51	19.61	1336	7220	2148	5072	29.75%
DDH0714	216.18	217.115	0.935	DDH 002408	1.93	1817	951	203	665	128.65	13.20	119.91	23.28	153.83	33.72	104.68	15.76	97.95	13.22	985	5326	1548	3778	29.06%
DDH0714	217.115	218.075	0.96	DDH 002410	1.01	975	516	113	342	68.38	6.72	64.57	12.23	78.64	17.43	53.77	8.45	51.26	6.84	525	2839	818	2021	28.83%
DDH0714	218.075	219.045	0.97	DDH 002411	2.04	2026	1026	219	743	144.88	13.90	133.75	25.17	171.05	38.31	117.83	17.82	109.34	14.59	1090	5890	1718	4173	29.16%
DDH0714	219.045	220.035	0.99	DDH 002412	2.16	2186	1132	239	754	152.99	14.36	138.36	26.81	183.68	40.15	121.26	18.50	113.90	15.28	1166	6303	1824	4479	28.94%
DDH0714	220.035	221.02	0.985	DDH 002413	1.66	1719	903	185	631	121.70	11.58	110.69	21.40	136.61	30.97	94.38	14.16	87.70	12.08	926	5005	1434	3571	28.65%
DDH0714	221.02	222	0.98	DDH 002414	1.03	1071	547	118	372	73.02	6.95	64.57	12.23	78.64	17.66	54.34	7.99	53.53	7.30	564	3047	860	2187	28.22%
DDH0714	222	222.94	0.94	DDH 002415	1.97	1903	968	215	684	141.40	13.66	133.75	25.40	173.35	37.85	111.54	16.90	108.21	14.36	1032	5579	1654	3926	29.64%
DDH0714	222.94	223.92	0.98	DDH 002416	2.64	2358	1196	262	886	177.33	17.83	163.73	32.22	214.68	47.72	147.58	22.15	141.24	18.70	1291	6976	2079	4898	29.80%
DDH0714	223.92	224.87	0.95	DDH 002417	3.51	3082	1548	331	1096	232.96	22.93	239.82	40.92	280.11	68.13	202.49	29.69	178.82	24.85	1675	9053	2740	6314	30.26%
DDH0714	224.87	225.78	0.91	DDH 002418	4.22	3537	1806	387	1353	271.21	27.10	255.97	48.22	337.51	74.10	243.67	35.40	215.27	29.41	1957	10577	3196	7380	30.22%
DDH0714	225.78	226.75	0.97	DDH 002419	3.68	3058	1560	343	1107	235.28	23.39	225.99	41.87	297.33	66.76	194.48	30.61	202.74	25.31	1682	9093	2767	6326	30.43%
DDH0714	226.75	226.75	0	DDH 002421	2.05	1940	1017	216	715	140.24	13.20	129.14	25.17	172.20	37.39	116.69	17.82	111.62	14.82	1059	5726	1684	4042	29.41%
DDH0714	226.75	227.73	0.98	DDH 002422	2.44	2223	1127	243	795	157.62	15.98	149.89	29.40	198.60	43.59	133.85	20.56	124.15	16.64	1198	6476	1915	4562	29.57%
DDH0714	227.73	228.68	0.95	DDH 002423	2.12	1953	994	211	697	142.56	14.13	133.75	25.87	179.09	38.08	117.83	17.82	109.34	15.05	1055	5703	1692	4011	29.67%
DDH0714	228.68	229.61	0.93	DDH 002424	2.55	2333	1220	252	883	175.01	17.14	161.42	31.28	216.97	44.96	143.00	21.24	133.26	18.01	1283	6933	2053	4880	29.61%
DDH0714	229.61	230.55	0.94	DDH 002425	2.03	1768	896	197	625	132.13	12.74	122.22	23.52	159.57	35.33	108.68	16.67	102.51	14.36	957	5171	1539	3631	29.77%
DDH0714	230.55	231.51	0.96	DDH 002426	1.99	1903	964	208	717	141.40	13.43	126.83	23.52	159.57	34.87	107.54	16.44	100.23	13.68	1028	5558	1611	3947	28.98%
DDH0714	231.51	231.49	-0.02	DDH 002427	1.54	1363	693	153	507	102.57	9.96	94.55	18.35	119.39	27.07	84.08	12.79	78.59	10.72	743	4018	1189	2829	29.59%
DDH0714	231.49	233.47	1.98	DDH 002428	1.48	1400	706	158	504	104.31	10.42	96.85	18.35	119.39	26.84	82.37	12.33	76.31	10.26	755	4080	1198	2883	29.35%
DDH0714	233.47	234.405	0.935	DDH 002429	1.18	1087	562	116	412	80.55	7.87	73.79	14.11	92.99	20.65	62.92	9.82	61.51	8.44	592	3202	937	2265	29.25%
DDH0714	234.405	235.365	0.96	DDH 002430	2.48	2247	1114	249	822	170.37	16.44	159.11	30.58	203.20	44.73	140.71	21.47	133.26	18.24	1219	6590	1970	4619	29.90%
DDH0714	235.365	236.335	0.97	DDH 002432	1.76	1572	807	176	592	118.22	11.58	110.69	21.17	137.76	30.97	94.95	14.62	91.12	12.54	861	4652	1374	3277	29.55%
DDH0714	236.335	237.305	0.97	DDH 002433	1.37	1202	608	134	457	88.08	8.57	83.02	15.52	103.89	23.17	70.93	11.19	70.62	9.80	655	3541	1043	2498	29.46%
DDH0714	237.305	239.245	1.94	DDH 002434	2.31	2210	1138	238	808	158.78	15.05	147.58	28.22	184.83	41.98	130.42	19.87	118.46	16.42	1193	6449	1881	4568	29.17%
DDH0714	239.245	240.245	1	DDH 002435	1.73	1867	929	198	663	125.17	11.81	115.30	21.87	140.06	31.20	94.95	14.62	87.70	12.08	979	5291	1497	3794	28.29%

Hole ID	From	To	length	Sample Number	ZrO2	CeO2	La2O3	Pr6O11	Nd2O3	Sm2O3	Eu2O3	Gd2O3	Tb4O7	Dy2O3	Ho2O3	Er2O3	Tm2O3	Yb2O3	Lu2O3	Y2O3 (Esti.)	TOTAL	TOTAL	TOTAL	% HEAVY
					%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	REO	HREO	LREO	REE (Esti)
DDH0714	240.245	241.145	0.9	DDH 002436	2.19	2051	1038	223	795	154.15	14.82	138.36	27.05	182.53	39.92	122.41	18.50	115.04	15.28	1120	6056	1779	4277	29.38%
DDH0714	241.145	242.145	1	DDH 002437	2.1	1854	948	213	693	135.60	13.66	129.14	25.17	165.31	37.39	114.40	17.13	107.07	14.82	1014	5481	1624	3857	29.64%
DDH0714	242.145	243	0.855	DDH 002438	1.78	1916	937	204	694	132.13	12.97	117.61	22.58	148.09	32.80	99.53	14.62	93.40	12.54	1007	5444	1548	3896	28.44%
Count					253	253	253	253	253	253	253	253	253	253	253	253	253	253	253	253	253	253	253	253
Average					1.57	1637.33	841.83	183.33	624.53	123.50	11.93	113.09	21.22	139.42	30.23	91.65	13.94	85.26	11.47	891.80	4820.54	1398.08	3422.46	0.29
Median					1.37	1490.00	750.00	165.50	570.17	111.26	10.89	101.46	19.05	125.13	26.38	80.65	12.11	75.17	10.26	803.77	4344.68	1251.10	3109.63	0.29
Min					0.62	750.00	388.26	82.87	268.18	53.31	4.86	48.43	8.47	53.96	11.70	34.89	5.48	34.17	4.56	406.13	2195.32	619.02	1567.94	0.24
Max					5.15	4740.08	2357.73	512.19	1679.04	344.22	34.97	315.92	61.86	421.32	90.84	282.57	43.17	263.11	36.25	2538.53	13721.81	4053.57	9668.24	0.31
Correl						0.85	0.85	0.86	0.85	0.89	0.92	0.92	0.95	0.96	0.97	0.98	0.98	0.99	0.99	0.88	0.88	0.92	0.86	0.48

Appendix 3A – Non-REE Metal Oxide – DDH0714

Hole ID	From	To	length	Sample Number	Hf	Fe	Al	Ta	Nb2O5	ZrO2
					%	%	%	ppm	ppm	%
DDH0714	2.11	3.08	0.97	DDH 002161	0.02	7.20	7.89	40.95	1040	0.95
DDH0714	3.08	4.02	0.94	DDH 002162	0.03	6.99	7.73	49.14	1100	1.09
DDH0714	4.02	4.96	0.94	DDH 002163	0.03	7.20	7.73	65.51	1150	1.28
DDH0714	4.96	5.93	0.97	DDH 002164	0.03	7.48	9.00	65.51	1110	1.23
DDH0714	5.93	6.89	0.96	DDH 002165	0.08	4.88	8.41	163.79	3150	3.63
DDH0714	6.89	7.85	0.96	DDH 002166	0.05	10.63	5.56	98.27	1950	2.26
DDH0714	7.85	8.765	0.915	DDH 002168	0.02	8.88	7.41	49.14	900	0.95
DDH0714	8.765	9.65	0.885	DDH 002169	0.02	6.57	8.26	40.95	1190	1
DDH0714	9.65	10.54	0.89	DDH 002170	0.02	6.72	8.26	49.14	1000	0.9
DDH0714	10.54	11.47	0.93	DDH 002171	0.02	7.83	7.89	49.14	870	0.84
DDH0714	11.47	12.34	0.87	DDH 002172	0.03	8.18	7.83	65.51	1570	1.39
DDH0714	12.34	13.23	0.89	DDH 002173	0.02	7.83	8.04	49.14	950	0.95
DDH0714	13.23	14.11	0.88	DDH 002174	0.01	7.48	8.52	32.76	620	0.65
DDH0714	14.11	15	0.89	DDH 002175	0.03	8.11	7.46	57.33	1630	1.1
DDH0714	15	15.94	0.94	DDH 002176	0.03	9.93	7.14	73.70	1590	1.79
DDH0714	15.94	16.86	0.92	DDH 002177	0.02	5.99	9.05	32.76	780	0.82
DDH0714	16.86	17.8	0.94	DDH 002179	0.02	6.89	8.68	40.95	970	1.07
DDH0714	17.8	18.625	0.825	DDH 002180	0.03	8.81	7.62	49.14	1230	1.31
DDH0714	18.625	19.555	0.93	DDH 002181	0.02	10.42	6.93	24.57	1010	0.89
DDH0714	19.555	20.51	0.955	DDH 002182	0.03	8.74	7.09	73.70	1610	1.8
DDH0714	20.51	21.45	0.94	DDH 002183	0.04	7.13	7.25	98.27	1980	2.2
DDH0714	21.45	22.42	0.97	DDH 002184	0.03	7.83	8.04	57.33	1090	1.11
DDH0714	22.42	23.35	0.93	DDH 002185	0.03	6.22	8.47	57.33	1320	1.5
DDH0714	23.35	24.21	0.86	DDH 002186	0.03	7.62	7.52	65.51	1290	1.47
DDH0714	24.21	25.11	0.9	DDH 002187	0.03	6.73	7.89	65.51	1480	1.61
DDH0714	25.11	26.065	0.955	DDH 002188	0.03	10.84	6.40	81.89	1440	1.57
DDH0714	26.065	27	0.935	DDH 002190	0.03	9.65	6.56	57.33	1340	1.36
DDH0714	27	27.905	0.905	DDH 002191	0.03	8.32	7.57	49.14	1050	1.18

Hole ID	From	To	length	Sample Number	Hf	Fe	Al	Ta	Nb2O5	ZrO2
DDH0714	27.905	28.815	0.91	DDH 002192	0.03	10.91	6.35	81.89	1620	1.77
DDH0714	28.815	29.78	0.965	DDH 002193	0.04	12.10	5.28	98.27	1890	2.18
DDH0714	29.78	30.71	0.93	DDH 002194	0.03	10.21	6.67	49.14	1140	1.33
DDH0714	30.71	31.69	0.98	DDH 002195	0.03	7.27	7.94	73.70	1480	1.64
DDH0714	31.69	32.685	0.995	DDH 002196	0.03	7.55	8.04	32.76	980	1.17
DDH0714	32.685	33.6	0.915	DDH 002197	0.02	7.06	7.99	32.76	830	0.99
DDH0714	33.6	34.57	0.97	DDH 002198	0.03	7.20	7.94	65.51	1360	1.62
DDH0714	34.57	35.515	0.945	DDH 002199	0.03	8.18	7.57	40.95	1030	1.1
DDH0714	35.515	36.455	0.94	DDH 002201	0.03	8.67	7.67	65.51	1500	1.46
DDH0714	36.455	37.45	0.995	DDH 002202	0.03	8.67	7.41	65.51	1250	1.41
DDH0714	37.45	38.45	1	DDH 002203	0.03	8.25	7.57	49.14	1110	1.29
DDH0714	38.45	39.4	0.95	DDH 002204	0.03	7.69	7.57	65.51	1530	1.78
DDH0714	39.4	40.38	0.98	DDH 002205	0.03	6.07	8.57	57.33	1450	1.76
DDH0714	40.38	41.35	0.97	DDH 002206	0.02	6.16	9.16	32.76	860	0.91
DDH0714	41.35	42.335	0.985	DDH 002207	0.02	5.20	9.63	40.95	870	0.92
DDH0714	42.335	43.235	0.9	DDH 002208	0.03	6.83	9.37	57.33	1230	1.28
DDH0714	43.235	44.22	0.985	DDH 002209	0.03	6.19	9.84	49.14	980	1.05
DDH0714	44.22	45.18	0.96	DDH 002210	0.03	4.99	9.21	65.51	1520	1.61
DDH0714	45.18	46.165	0.985	DDH 002212	0.04	5.82	8.68	98.27	1810	1.89
DDH0714	46.165	47.155	0.99	DDH 002213	0.02	6.12	8.63	24.57	870	0.9
DDH0714	47.155	48.125	0.97	DDH 002214	0.02	5.84	8.63	40.95	950	1.05
DDH0714	48.125	49.1	0.975	DDH 002215	0.03	8.18	7.57	57.33	1340	1.29
DDH0714	49.1	49.975	0.875	DDH 002216	0.03	9.30	6.93	40.95	1090	1.23
DDH0714	49.975	50.94	0.965	DDH 002217	0.03	7.20	7.46	65.51	1420	1.42
DDH0714	50.94	51.9	0.96	DDH 002218	0.04	6.57	7.78	98.27	2060	2.14
DDH0714	51.9	52.87	0.97	DDH 002219	0.02	5.74	9.00	49.14	1150	1.12
DDH0714	52.87	53.845	0.975	DDH 002220	0.05	5.95	7.94	114.65	2210	2.54
DDH0714	53.845	54.805	0.96	DDH 002221	0.03	7.41	7.73	40.95	1300	1.46
DDH0714	54.805	55.735	0.93	DDH 002223	0.03	8.60	7.36	73.70	1390	1.61
DDH0714	55.735	56.685	0.95	DDH 002224	0.03	7.97	7.57	57.33	1200	1.45
DDH0714	56.685	57.58	0.895	DDH 002225	0.03	8.60	7.52	81.89	1550	1.82

Hole ID	From	To	length	Sample Number	Hf	Fe	Al	Ta	Nb2O5	ZrO2
DDH0714	57.58	58.53	0.95	DDH 002226	0.03	8.18	7.67	57.33	1380	1.52
DDH0714	58.53	59.515	0.985	DDH 002227	0.03	9.58	7.14	57.33	1130	1.3
DDH0714	59.515	60.475	0.96	DDH 002228	0.03	9.09	7.09	32.76	1230	1.26
DDH0714	60.475	61.46	0.985	DDH 002229	0.03	8.74	7.57	32.76	1100	1.22
DDH0714	61.46	62.42	0.96	DDH 002230	0.03	9.09	7.57	49.14	1220	1.26
DDH0714	62.42	63.305	0.885	DDH 002231	0.03	10.28	6.30	65.51	1460	1.68
DDH0714	63.305	64.28	0.975	DDH 002232	0.03	10.77	6.46	73.70	1200	1.31
DDH0714	64.28	65.255	0.975	DDH 002234	0.03	11.75	5.87	65.51	1190	1.28
DDH0714	65.255	66.155	0.9	DDH 002235	0.03	8.32	7.20	40.95	1170	1.18
DDH0714	66.155	67.12	0.965	DDH 002236	0.03	7.76	7.41	57.33	1530	1.71
DDH0714	67.12	68.09	0.97	DDH 002237	0.03	9.09	7.09	49.14	1160	1.18
DDH0714	68.09	69.025	0.935	DDH 002238	0.01	6.25	8.73	32.76	800	0.68
DDH0714	69.025	70.005	0.98	DDH 002239	0.03	6.57	8.20	40.95	1290	1.27
DDH0714	70.005	70.975	0.97	DDH 002240	0.03	9.30	7.09	49.14	1130	1.15
DDH0714	70.975	71.95	0.975	DDH 002241	0.02	7.83	8.04	32.76	860	0.98
DDH0714	71.95	72.86	0.91	DDH 002242	0.02	9.02	6.88	32.76	1150	1.12
DDH0714	72.86	73.84	0.98	DDH 002243	0.03	11.61	5.77	49.14	960	1.11
DDH0714	73.84	74.835	0.995	DDH 002245	0.02	7.97	7.41	40.95	900	0.96
DDH0714	74.835	75.815	0.98	DDH 002246	0.03	8.95	7.25	40.95	990	1.12
DDH0714	75.815	76.75	0.935	DDH 002247	0.03	7.76	7.67	57.33	1000	1.08
DDH0714	76.75	77.71	0.96	DDH 002248	0.03	7.34	8.04	49.14	1090	1.24
DDH0714	77.71	78.585	0.875	DDH 002249	0.03	5.57	9.37	49.14	1070	1.21
DDH0714	78.585	79.565	0.98	DDH 002250	0.02	5.69	9.69	8.19	630	0.76
DDH0714	79.565	80.53	0.965	DDH 002251	0.03	7.20	8.84	49.14	1060	1.15
DDH0714	80.53	81.51	0.98	DDH 002252	0.04	6.37	8.15	98.27	2020	2.08
DDH0714	81.51	82.475	0.965	DDH 002253	0.07	8.39	6.19	155.60	2870	3.16
DDH0714	82.475	83.45	0.975	DDH 002254	0.06	9.65	5.87	131.03	2590	2.86
DDH0714	83.45	84.38	0.93	DDH 002256	0.06	12.38	5.28	122.84	2520	2.79
DDH0714	84.38	85.285	0.905	DDH 002257	0.02	10.49	6.72	32.76	810	0.91
DDH0714	85.285	86.21	0.925	DDH 002258	0.02	7.76	8.04	49.14	960	1.05
DDH0714	86.21	87.15	0.94	DDH 002259	0.03	6.30	9.69	49.14	1000	1.08

Hole ID	From	To	length	Sample Number	Hf	Fe	Al	Ta	Nb2O5	ZrO2
DDH0714	87.15	88.11	0.96	DDH 002260	0.05	7.41	7.41	122.84	2330	2.49
DDH0714	88.11	89.05	0.94	DDH 002261	0.07	7.41	6.09	171.98	3140	3.45
DDH0714	89.05	89.99	0.94	DDH 002262	0.06	7.55	6.40	122.84	2360	2.7
DDH0714	89.99	90.955	0.965	DDH 002263	0.02	9.93	7.25	24.57	720	0.82
DDH0714	90.955	91.91	0.955	DDH 002264	0.01	8.60	7.78	24.57	690	0.75
DDH0714	91.91	92.895	0.985	DDH 002265	0.02	7.41	8.10	40.95	920	0.97
DDH0714	92.895	93.845	0.95	DDH 002267	0.03	6.48	8.68	49.14	1130	1.25
DDH0714	93.845	94.83	0.985	DDH 002268	0.03	7.20	8.52	49.14	1260	1.35
DDH0714	94.83	95.75	0.92	DDH 002269	0.03	7.97	8.04	65.51	1380	1.47
DDH0714	95.75	96.66	0.91	DDH 002270	0.03	6.51	9.00	49.14	1170	1.21
DDH0714	96.66	97.59	0.93	DDH 002271	0.03	7.41	8.15	65.51	1430	1.56
DDH0714	97.59	98.53	0.94	DDH 002272	0.03	8.81	7.83	65.51	1360	1.46
DDH0714	98.53	99.47	0.94	DDH 002273	0.03	7.06	8.41	49.14	1630	1.74
DDH0714	99.47	100.42	0.95	DDH 002274	0.02	12.31	6.56	40.95	1090	1.02
DDH0714	100.42	101.395	0.975	DDH 002275	0.03	6.97	7.57	90.08	1990	1.83
DDH0714	101.395	102.355	0.96	DDH 002276	0.03	7.34	7.67	73.70	1510	1.55
DDH0714	102.355	103.34	0.985	DDH 002278	0.03	9.16	7.04	73.70	1550	1.62
DDH0714	103.34	104.33	0.99	DDH 002279	0.03	9.44	5.93	- 8.19	2030	2.25
DDH0714	104.33	105.275	0.945	DDH 002280	0.01	6.18	8.63	16.38	1250	0.75
DDH0714	105.275	106.235	0.96	DDH 002281	0.01	8.67	7.36	32.76	730	0.63
DDH0714	106.235	107.235	1	DDH 002282	0.03	9.09	7.20	57.33	1180	1.21
DDH0714	107.235	108.195	0.96	DDH 002283	0.03	7.62	8.20	49.14	1130	1.15
DDH0714	108.195	109.185	0.99	DDH 002284	0.03	7.83	8.31	57.33	1300	1.34
DDH0714	109.185	110.185	1	DDH 002285	0.03	5.67	8.31	65.51	1290	1.43
DDH0714	110.185	111.15	0.965	DDH 002286	0.03	6.29	8.10	73.70	1500	1.58
DDH0714	111.15	112.03	0.88	DDH 002287	0.05	7.83	7.20	114.65	2120	2.26
DDH0714	112.03	113.3	1.27	DDH 002289	0.04	10.42	6.72	90.08	1920	2.08
DDH0714	113.3	114	0.7	DDH 002290	0.03	9.16	7.20	57.33	1060	1.13
DDH0714	114	114.985	0.985	DDH 002291	0.03	7.69	8.10	65.51	1250	1.31
DDH0714	114.985	115.93	0.945	DDH 002292	0.03	8.60	7.62	65.51	1390	1.38
DDH0714	115.93	116.89	0.96	DDH 002293	0.03	9.09	7.67	65.51	1290	1.32

Hole ID	From	To	length	Sample Number	Hf	Fe	Al	Ta	Nb2O5	ZrO2
DDH0714	116.89	117.87	0.98	DDH 002294	0.02	11.12	6.83	57.33	1030	1.04
DDH0714	117.87	118.825	0.955	DDH 002295	0.02	11.75	6.72	24.57	790	0.86
DDH0714	118.825	119.75	0.925	DDH 002296	0.02	7.48	8.31	40.95	960	1
DDH0714	119.75	120.63	0.88	DDH 002297	0.03	6.88	8.63	49.14	1180	1.23
DDH0714	120.63	121.54	0.91	DDH 002298	0.03	7.13	8.84	40.95	1150	1.26
DDH0714	121.54	122.475	0.935	DDH 002300	0.03	7.20	8.15	73.70	1590	1.62
DDH0714	122.475	123.4	0.925	DDH 002301	0.02	6.35	8.47	32.76	1220	0.99
DDH0714	123.4	124.38	0.98	DDH 002302	0.02	7.83	8.10	40.95	1110	0.97
DDH0714	124.38	125.35	0.97	DDH 002303	0.02	6.58	8.79	40.95	1010	0.9
DDH0714	125.35	126.29	0.94	DDH 002304	0.03	6.96	8.47	57.33	1100	1.19
DDH0714	126.29	127.26	0.97	DDH 002305	0.03	6.85	8.31	57.33	1180	1.32
DDH0714	127.26	128.26	1	DDH 002306	0.04	7.48	7.67	81.89	1710	1.87
DDH0714	128.26	129.25	0.99	DDH 002307	0.05	8.39	6.67	106.46	2270	2.51
DDH0714	129.25	130.225	0.975	DDH 002308	0.05	8.95	6.72	106.46	2210	2.37
DDH0714	130.225	131.2	0.975	DDH 002309	0.06	8.11	6.72	122.84	2520	2.73
DDH0714	131.2	132.115	0.915	DDH 002311	0.03	7.48	8.41	57.33	1260	1.3
DDH0714	132.115	133.065	0.95	DDH 002312	0.03	8.25	7.67	57.33	1070	1.07
DDH0714	133.065	134.035	0.97	DDH 002313	0.03	8.11	7.25	73.70	1760	1.82
DDH0714	134.035	134.975	0.94	DDH 002314	0.03	7.13	8.20	65.51	1570	1.5
DDH0714	134.975	135.96	0.985	DDH 002315	0.03	7.83	8.26	57.33	1320	1.4
DDH0714	135.96	136.95	0.99	DDH 002316	0.02	6.01	8.36	49.14	910	0.98
DDH0714	136.95	137.905	0.955	DDH 002317	0.02	6.14	8.47	24.57	850	0.87
DDH0714	137.905	138.835	0.93	DDH 002318	0.03	7.34	7.89	49.14	990	1.04
DDH0714	138.835	139.795	0.96	DDH 002319	0.02	7.69	7.73	40.95	920	0.99
DDH0714	139.795	140.715	0.92	DDH 002320	0.02	6.73	7.94	32.76	1000	1
DDH0714	140.715	141.685	0.97	DDH 002322	0.03	8.53	7.52	81.89	1500	1.52
DDH0714	141.685	142.635	0.95	DDH 002323	0.03	8.32	7.57	49.14	1260	1.26
DDH0714	142.635	143.535	0.9	DDH 002324	0.03	7.48	7.83	57.33	1330	1.35
DDH0714	143.535	144.455	0.92	DDH 002325	0.03	6.88	8.15	73.70	1830	1.76
DDH0714	144.455	145.42	0.965	DDH 002326	0.03	6.70	8.26	65.51	1800	1.79
DDH0714	145.42	146.41	0.99	DDH 002327	0.03	7.90	7.89	40.95	1140	1.21

Hole ID	From	To	length	Sample Number	Hf	Fe	Al	Ta	Nb2O5	ZrO2
DDH0714	146.41	147.38	0.97	DDH 002328	0.03	7.55	8.04	81.89	1590	1.79
DDH0714	147.38	148.38	1	DDH 002329	0.05	8.32	6.77	122.84	2190	2.5
DDH0714	148.38	149.38	1	DDH 002330	0.07	8.39	6.35	122.84	2870	3.2
DDH0714	149.38	150.3	0.92	DDH 002331	0.02	6.57	9.53	40.95	1020	1.09
DDH0714	150.3	151.255	0.955	DDH 002333	0.01	4.95	10.85	16.38	640	0.62
DDH0714	151.255	151.235	-0.02	DDH 002334	0.02	5.83	10.11	24.57	710	0.76
DDH0714	151.235	153.215	1.98	DDH 002335	0.02	6.42	9.69	49.14	1080	1.06
DDH0714	153.215	154.195	0.98	DDH 002336	0.03	6.59	9.00	40.95	1190	1.31
DDH0714	154.195	155.14	0.945	DDH 002337	0.03	7.20	8.31	57.33	1340	1.31
DDH0714	155.14	156.08	0.94	DDH 002338	0.03	6.53	8.73	57.33	1180	1.33
DDH0714	156.08	156.96	0.88	DDH 002339	0.02	5.88	8.47	40.95	1070	1.1
DDH0714	156.96	157.9	0.94	DDH 002340	0.03	6.34	8.20	49.14	1450	1.44
DDH0714	157.9	158.855	0.955	DDH 002341	0.02	11.54	6.67	24.57	740	0.78
DDH0714	158.855	159.835	0.98	DDH 002342	0.03	9.09	7.83	40.95	1060	1.14
DDH0714	159.835	160.755	0.92	DDH 002344	0.03	9.16	7.36	90.08	1650	1.81
DDH0714	160.755	161.7	0.945	DDH 002345	0.04	8.60	7.52	81.89	1690	1.9
DDH0714	161.7	162.665	0.965	DDH 002346	0.03	8.04	8.47	57.33	1470	1.59
DDH0714	162.665	163.585	0.92	DDH 002347	0.03	6.90	9.16	24.57	1200	1.25
DDH0714	163.585	164.505	0.92	DDH 002348	0.04	10.07	6.88	81.89	1800	1.94
DDH0714	164.505	165.455	0.95	DDH 002349	0.03	9.58	7.09	65.51	1570	1.71
DDH0714	165.455	166.455	1	DDH 002350	0.03	8.60	7.99	57.33	1290	1.37
DDH0714	166.455	167.43	0.975	DDH 002351	0.03	6.25	9.37	32.76	1120	1.21
DDH0714	167.43	168.36	0.93	DDH 002352	0.02	5.80	9.00	40.95	890	0.87
DDH0714	168.36	169.31	0.95	DDH 002353	0.02	6.31	9.05	32.76	840	0.92
DDH0714	169.31	170.27	0.96	DDH 002355	0.02	5.91	8.89	32.76	920	0.99
DDH0714	170.27	171.2	0.93	DDH 002356	0.03	7.27	8.26	57.33	1210	1.36
DDH0714	171.2	172.185	0.985	DDH 002357	0.03	7.41	7.78	65.51	1610	1.79
DDH0714	172.185	173.13	0.945	DDH 002358	0.05	9.51	6.51	98.27	2300	2.64
DDH0714	173.13	174.085	0.955	DDH 002359	0.04	9.09	6.93	98.27	2070	2.25
DDH0714	174.085	175.045	0.96	DDH 002360	0.03	12.59	5.93	57.33	1310	1.41
DDH0714	175.045	176.015	0.97	DDH 002361	0.03	8.81	7.52	40.95	1020	1.12

Hole ID	From	To	length	Sample Number	Hf	Fe	Al	Ta	Nb2O5	ZrO2
DDH0714	176.015	177.005	0.99	DDH 002362	0.03	7.27	7.89	49.14	1290	1.4
DDH0714	177.005	177.955	0.95	DDH 002363	0.03	8.46	7.36	49.14	1280	1.37
DDH0714	177.955	178.925	0.97	DDH 002364	0.03	8.18	7.62	49.14	1070	1.13
DDH0714	178.925	179.905	0.98	DDH 002366	0.03	5.29	9.05	73.70	1450	1.55
DDH0714	179.905	180.885	0.98	DDH 002367	0.02	6.94	8.57	32.76	890	0.98
DDH0714	180.885	181.865	0.98	DDH 002368	0.03	6.77	8.68	49.14	1130	1.22
DDH0714	181.865	182.83	0.965	DDH 002369	0.03	7.13	8.26	49.14	1220	1.28
DDH0714	182.83	183.76	0.93	DDH 002370	0.03	7.48	8.20	81.89	1290	1.33
DDH0714	183.76	184.735	0.975	DDH 002371	0.03	8.81	7.25	65.51	1710	1.77
DDH0714	184.735	185.7	0.965	DDH 002372	0.03	10.14	6.93	73.70	1620	1.7
DDH0714	185.7	186.67	0.97	DDH 002373	0.03	10.14	6.99	73.70	1300	1.35
DDH0714	186.67	187.64	0.97	DDH 002374	0.06	8.39	6.77	131.03	2590	2.86
DDH0714	187.64	188.62	0.98	DDH 002375	0.07	9.02	6.14	163.79	3110	3.42
DDH0714	188.62	189.57	0.95	DDH 002377	0.04	8.11	7.62	81.89	1720	1.83
DDH0714	189.57	190.53	0.96	DDH 002378	0.03	7.62	8.10	65.51	1250	1.31
DDH0714	190.53	191.51	0.98	DDH 002379	0.03	6.64	9.05	57.33	1400	1.46
DDH0714	191.51	192.46	0.95	DDH 002380	0.02	11.26	7.30	40.95	850	0.85
DDH0714	192.46	193.435	0.975	DDH 002381	0.03	10.56	6.72	73.70	1430	1.48
DDH0714	193.435	194.435	1	DDH 002382	0.06	7.13	7.62	147.41	2640	2.79
DDH0714	194.435	195.395	0.96	DDH 002383	0.04	7.69	8.57	81.89	1810	1.92
DDH0714	195.395	196.245	0.85	DDH 002384	0.03	9.37	7.04	65.51	1520	1.31
DDH0714	196.245	197.145	0.9	DDH 002385	0.03	9.23	7.20	81.89	1500	1.52
DDH0714	197.145	198.095	0.95	DDH 002386	0.03	8.18	6.93	81.89	1440	1.42
DDH0714	198.095	199.055	0.96	DDH 002388	0.10	8.32	4.71	253.87	4480	4.66
DDH0714	199.055	200.035	0.98	DDH 002389	0.11	7.83	4.61	262.06	4880	5.15
DDH0714	200.035	201.005	0.97	DDH 002390	0.08	7.55	6.40	188.35	3170	3.38
DDH0714	201.005	201.995	0.99	DDH 002391	0.07	9.44	5.66	163.79	3110	3.34
DDH0714	201.995	202.965	0.97	DDH 002392	0.05	10.56	6.19	106.46	2170	2.4
DDH0714	202.965	203.94	0.975	DDH 002393	0.04	9.65	6.77	122.84	2020	2.19
DDH0714	203.94	204.875	0.935	DDH 002394	0.03	9.37	6.77	81.89	1500	1.62
DDH0714	204.875	205.795	0.92	DDH 002395	0.02	7.83	6.83	24.57	1160	0.91

Hole ID	From	To	length	Sample Number	Hf	Fe	Al	Ta	Nb2O5	ZrO2
DDH0714	205.795	206.77	0.975	DDH 002396	0.03	8.39	7.41	81.89	1480	1.42
DDH0714	206.77	207.65	0.88	DDH 002397	0.02	8.32	7.78	40.95	1250	0.88
DDH0714	207.65	208.605	0.955	DDH 002399	0.03	8.60	7.57	40.95	1210	1.18
DDH0714	208.605	209.555	0.95	DDH 002400	0.03	6.29	8.57	57.33	1480	1.55
DDH0714	209.555	210.48	0.925	DDH 002401	0.03	5.02	9.05	57.33	1420	1.5
DDH0714	210.48	211.41	0.93	DDH 002402	0.03	5.66	7.94	65.51	1330	1.36
DDH0714	211.41	212.335	0.925	DDH 002403	0.02	6.56	8.04	49.14	820	0.79
DDH0714	212.335	213.25	0.915	DDH 002404	0.03	8.11	8.20	73.70	1660	1.74
DDH0714	213.25	214.22	0.97	DDH 002405	0.03	6.83	8.26	73.70	1630	1.76
DDH0714	214.22	215.21	0.99	DDH 002406	0.05	6.41	7.52	98.27	2260	2.45
DDH0714	215.21	216.18	0.97	DDH 002407	0.06	8.95	6.51	131.03	2520	2.77
DDH0714	216.18	217.115	0.935	DDH 002408	0.04	6.83	8.04	73.70	1840	1.93
DDH0714	217.115	218.075	0.96	DDH 002410	0.03	6.02	8.10	40.95	950	1.01
DDH0714	218.075	219.045	0.97	DDH 002411	0.04	7.41	7.20	90.08	1970	2.04
DDH0714	219.045	220.035	0.99	DDH 002412	0.04	7.34	6.93	90.08	2290	2.16
DDH0714	220.035	221.02	0.985	DDH 002413	0.03	7.83	7.57	81.89	1660	1.66
DDH0714	221.02	222	0.98	DDH 002414	0.02	11.75	6.19	40.95	1050	1.03
DDH0714	222	222.94	0.94	DDH 002415	0.04	6.20	8.20	81.89	1900	1.97
DDH0714	222.94	223.92	0.98	DDH 002416	0.06	9.86	5.87	114.65	2500	2.64
DDH0714	223.92	224.87	0.95	DDH 002417	0.08	8.32	6.30	163.79	3300	3.51
DDH0714	224.87	225.78	0.91	DDH 002418	0.08	7.41	6.19	196.54	4020	4.22
DDH0714	225.78	226.75	0.97	DDH 002419	0.08	7.48	6.56	147.41	3520	3.68
DDH0714	226.75	226.75	0	DDH 002421	0.04	7.27	8.10	73.70	2080	2.05
DDH0714	226.75	227.73	0.98	DDH 002422	0.05	7.76	8.10	114.65	2370	2.44
DDH0714	227.73	228.68	0.95	DDH 002423	0.04	8.32	6.99	106.46	2170	2.12
DDH0714	228.68	229.61	0.93	DDH 002424	0.05	6.57	7.52	98.27	2410	2.55
DDH0714	229.61	230.55	0.94	DDH 002425	0.04	9.86	6.62	98.27	1990	2.03
DDH0714	230.55	231.51	0.96	DDH 002426	0.04	8.88	6.72	81.89	1970	1.99
DDH0714	231.51	231.49	-0.02	DDH 002427	0.03	7.48	7.94	65.51	1550	1.54
DDH0714	231.49	233.47	1.98	DDH 002428	0.03	6.34	8.79	65.51	1500	1.48
DDH0714	233.47	234.405	0.935	DDH 002429	0.03	7.90	8.10	40.95	1210	1.18

Hole ID	From	To	length	Sample Number	Hf	Fe	Al	Ta	Nb2O5	ZrO2
DDH0714	234.405	235.365	0.96	DDH 002430	0.05	6.83	7.41	106.46	2330	2.48
DDH0714	235.365	236.335	0.97	DDH 002432	0.03	9.02	6.77	65.51	1700	1.76
DDH0714	236.335	237.305	0.97	DDH 002433	0.03	8.95	7.52	57.33	1300	1.37
DDH0714	237.305	239.245	1.94	DDH 002434	0.05	8.25	6.93	114.65	2330	2.31
DDH0714	239.245	240.245	1	DDH 002435	0.04	5.56	8.57	90.08	1820	1.73
DDH0714	240.245	241.145	0.9	DDH 002436	0.04	8.25	6.77	114.65	2230	2.19
DDH0714	241.145	242.145	1	DDH 002437	0.04	7.90	7.30	98.27	2090	2.1
DDH0714	242.145	243	0.855	DDH 002438	0.03	8.53	7.20	81.89	1910	1.78
COUNT					253	253	253	253	253	253
AVERAGE					0.03	7.93	7.68	67.94	1,496	1.57

Appendix 4 - Diamond Drill Hole A1-24 Results for TREO

SAMPLE	Sample Intercept	Y	La	Ce	Pr	Nd	Sm	Eu	Gd	Tb	Dy	Ho	Er	Tm	Yb	Lu	TOTAL REO	HEAVY REO	HEAVY
	metres	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	PPM	PPM	REO %
A1-24 01-411251	0-1	1010	1215	2180	218.00	766.00	146.50	14.60	146.00	28.30	187.00	41.20	127.00	18.75	126.50	17.15	7514	2075	27.62%
A1-24 02-411252	1-2	618	839	1540	154.50	534.00	98.70	9.50	94.80	17.70	116.00	24.60	76.50	11.10	73.50	10.20	5076	1271	25.04%
A1-24 03-411253	2-3	497	584	1095	111.50	399.00	76.40	7.60	75.60	14.65	97.10	21.10	65.40	9.49	64.30	8.85	3763	1040	27.63%
A1-24 04-411254	3-4	627	751	1405	144.50	514.00	96.50	9.80	96.60	18.10	121.00	26.00	80.40	11.80	79.50	10.45	4803	1305	27.17%
A1-24 05-411255	4-5	744	920	1695	174.50	615.00	118.00	11.60	114.50	22.00	148.00	31.50	97.50	14.30	93.90	12.60	5790	1557	26.89%
A1-24 06-411256	5-6	544	674	1225	123.50	431.00	82.10	8.20	80.10	15.40	104.00	22.30	68.70	10.05	66.90	9.18	4170	1122	26.92%
A1-24 07-411257	6-7	745	882	1565	169.00	599.00	108.50	12.40	121.50	21.70	141.50	30.70	98.10	14.55	96.30	13.15	5556	1562	28.12%
A1-24 08-411258	7-8	800	953	1755	180.00	637.00	121.50	12.60	120.00	23.30	155.00	33.90	104.00	15.30	101.00	13.90	6048	1665	27.53%
A1-24 09-411259	8-9	720	840	1550	159.00	562.00	108.00	11.10	107.50	21.00	140.50	30.50	96.70	14.05	92.70	13.00	5374	1506	28.01%
A1-24 10-411260	9-10	1380	1525	2850	296.00	1,040.00	207.00	21.30	204.00	40.30	268.00	58.00	179.50	26.30	173.50	23.50	9981	2868	28.73%
A1-24 11-411261	10-11	1225	1385	2540	267.00	947.00	183.50	18.30	178.00	35.20	235.00	50.60	159.00	23.50	152.50	21.40	8931	2536	28.39%
A1-24 12-411262	11-12	615	712	1350	137.50	489.00	95.10	9.30	93.40	17.85	116.50	25.40	79.80	11.90	76.70	10.85	4622	1277	27.62%
A1-24 13-411263	12-13	288	367	716	72.10	257.00	48.00	4.50	44.30	8.38	54.20	11.50	36.30	5.37	36.60	5.23	2352	597	25.39%
A1-24 14-411264	13-14	568	720	1340	137.00	490.00	91.60	9.00	87.70	16.25	109.50	23.30	71.00	10.25	69.00	9.50	4515	1176	26.04%
A1-24 15-411265	14-15	384	446	864	89.00	325.00	62.50	5.60	55.50	10.45	66.40	15.00	46.10	6.96	44.00	6.53	2922	775	26.53%
A1-24 16-411266	15-16	574	660	1215	128.00	477.00	95.00	8.60	85.40	15.90	102.50	22.20	70.40	10.50	65.80	9.68	4260	1167	27.40%
A1-24 17-411267	16-17	609	736	1340	141.50	513.00	98.80	9.70	93.20	17.70	112.50	24.60	76.40	11.50	70.80	10.65	4651	1252	26.91%
A1-24 18-411268	17-18	522	595	1095	115.50	420.00	81.50	7.70	77.20	14.10	91.90	20.40	65.50	9.92	61.20	8.77	3834	1063	27.72%

A1-24 19-411269	18-19	424	477	912	94.90	346.00	67.80	6.20	63.00	11.75	76.40	16.70	53.60	7.95	50.30	7.33	3148	867	27.56%
A1-24 20-411270	19-20	1225	1375	2490	269.00	982.00	191.00	17.70	175.50	32.80	216.00	48.10	151.00	22.90	140.50	19.80	8853	2480	28.01%
A1-24 21-411271	20-21	775	870	1560	167.00	613.00	125.00	11.60	114.00	21.80	141.50	31.50	99.70	14.95	93.30	13.55	5597	1592	28.44%
A1-24 22-411272	21-22	844	937	1705	181.00	665.00	132.50	12.90	124.50	23.80	152.50	33.70	110.50	16.15	101.00	14.55	6082	1733	28.49%
A1-24 23-411273	22-23	553	651	1180	127.00	460.00	89.40	8.20	79.20	15.00	98.60	21.60	69.30	10.40	64.70	9.43	4136	1124	27.18%
A1-24 24-411274	23-24	509	607	1090	115.00	412.00	80.40	8.00	75.70	14.10	92.50	20.30	65.70	9.76	62.80	9.61	3816	1048	27.46%
A1-24 25-411275	24-25	789	912	1685	182.50	667.00	130.00	12.00	118.50	22.00	143.50	30.70	99.70	14.80	92.40	13.65	5911	1615	27.33%
A1-24 26-411276	25-26	409	486	905	95.70	350.00	66.70	6.10	61.10	11.30	72.60	16.15	51.40	7.72	48.70	7.10	3122	836	26.77%
A1-24 27-411277	26-27	427	514	987	103.50	377.00	72.40	6.40	64.30	11.60	75.10	16.25	52.40	7.85	49.40	7.30	3335	868	26.02%
A1-24 28-411278	27-28	430	636	1145	118.50	429.00	78.20	7.10	66.90	11.95	74.70	16.35	52.20	7.89	51.50	7.56	3768	877	23.29%
A1-24 29-411279	28-29	698	787	1430	151.50	554.00	109.00	10.20	103.00	19.30	124.00	27.30	88.40	13.05	81.70	11.80	5065	1423	28.10%
A1-24 30-411280	29-30	1105	1260	2310	249.00	907.00	177.50	17.00	166.00	31.10	201.00	44.70	142.00	21.30	130.00	18.85	8159	2268	27.80%
A1-24 31-411281	30-31	559	670	1210	127.50	463.00	90.20	8.30	83.20	15.55	99.40	21.90	70.80	10.60	65.60	9.50	4217	1141	27.07%
A1-24 32-411282	31-32	386	494	929	95.70	345.00	64.90	6.00	59.10	11.00	70.50	15.00	47.80	7.27	46.50	6.97	3110	793	25.49%
A1-24 33-411283	32-33	425	513	978	102.00	379.00	74.20	6.70	65.80	12.00	76.00	16.55	52.80	7.88	50.50	7.35	3329	871	26.16%
A1-24 34-411284	33-34	555	637	1150	122.00	450.00	87.80	8.00	81.20	15.20	97.80	21.30	69.10	10.30	64.70	9.46	4066	1128	27.73%
A1-24 35-411285	34-35	681	774	1430	151.50	562.00	108.50	10.20	100.50	18.65	117.00	26.10	81.60	12.55	78.30	11.10	5011	1376	27.46%
A1-24 36-411286	35-36	555	639	1155	121.50	449.00	86.50	8.30	81.80	14.85	96.90	21.80	68.80	10.25	64.60	9.37	4071	1127	27.68%
A1-24 37-411287	36-37	382	419	803	83.90	309.00	60.90	5.70	57.20	10.75	70.20	15.20	48.80	7.26	47.10	6.69	2800	787	28.09%
A1-24 38-411288	37-38	212	249	484	50.50	183.00	35.80	3.20	30.60	5.64	36.50	7.95	25.50	3.88	24.50	3.64	1632	428	26.20%
A1-24 39-411289	38-39	392	439	839	87.70	322.00	62.40	5.90	58.70	11.15	71.50	15.65	48.80	7.49	46.90	6.78	2907	804	27.65%

A1-24 40-411290	39-40	1005	1095	2010	217.00	805.00	155.50	15.30	148.00	27.50	179.00	39.60	125.50	18.65	116.00	16.80	7190	2045	28.45%
A1-24-41 411291	blank	11	25	45	4.60	17.50	2.20	0.70	2.50	0.34	2.10	0.48	1.30	0.17	1.20	0.21	137	23	17.11%
AVERAGE		629.78	738.29	1359.80	142.36	513.70	99.22	9.59	94.04	17.74	115.90	25.31	79.88	11.87	76.02	10.80	4722.51	1294.33	26.96%

Appendix 5. Diamond drill A1-24 results for non-REO

		ME-MS81h	ME-MS81h	ME-MS81h	ME-MS81h	ME-MS81h	ME-MS81h	ME-ICP06h	ME-ICP06h
SAMPLE	Sample Intercept	Ga_2O_3	HfO_2	Nb_2O_5	Rb	Ta_2O_5	ZrO_2	Al_2O_3	Fe_2O_3
DESCRIPTION	metres	ppm	ppm	ppm	ppm	ppm	%	%	%
A1-24 01- 411251	0-1	108.88	653.332	2,889.61	218	228.96	3.07	13.25	12.85
A1-24 02- 411252	1-2	114.26	369.121	1,802.43	343	117.84	1.70	14.75	11.8
A1-24 03- 411253	2-3	92.75	331.383	1,417.63	420	100.74	1.51	13.7	12.55
A1-24 04- 411254	3-4	100.82	404.500	1,795.28	314	124.55	1.84	13.05	14.3
A1-24 05- 411255	4-5	114.26	481.154	2,124.29	438	150.20	2.19	15.9	10.7
A1-24 06- 411256	5-6	133.08	347.894	1,609.31	449	112.34	1.60	17.7	11.5
A1-24 07- 411257	6-7	107.54	504.740	2,217.28	347	159.96	2.26	14.3	12.4
A1-24 08- 411258	7-8	100.82	528.326	2,281.65	478	171.56	2.39	14.65	10.65
A1-24 09- 411259	8-9	90.06	487.051	2,067.07	394	153.25	2.20	12.9	13.3
A1-24 10- 411260	9-10	76.62	916.316	3,705.00	313	308.94	4.20	11.25	11.65
A1-24 11- 411261	10-11	91.41	811.358	3,290.15	345	264.98	3.73	13.15	11.3
A1-24 12- 411262	11-12	103.50	418.652	1,773.82	410	128.22	1.88	13.75	12.6
A1-24 13- 411263	12-13	102.16	187.509	868.31	402	52.39	0.90	13.5	14.6
A1-24 14- 411264	13-14	112.91	347.894	1,609.31	415	102.82	1.61	15.4	11.15
A1-24 15- 411265	14-15	107.54	216.991	1,135.82	384	70.34	1.05	14.7	12.15
A1-24 16- 411266	15-16	108.88	334.921	1,687.99	395	111.00	1.59	15.65	10.8
A1-24 17- 411267	16-17	115.60	365.583	1,823.89	464	120.77	1.69	16.3	10.2
A1-24 18- 411268	17-18	111.57	316.052	1,552.09	479	105.87	1.51	15.55	10.4
A1-24 19- 411269	18-19	108.88	260.625	1,291.74	346	85.48	1.20	15	12.8
A1-24 20- 411270	19-20	100.82	725.270	3,519.03	352	267.42	3.38	12.9	10.35
A1-24 21- 411271	20-21	96.78	492.947	2,317.41	376	171.56	2.22	14.15	11.2
A1-24 22- 411272	21-22	107.54	523.609	2,467.61	403	175.23	2.42	14.65	10.9
A1-24 23- 411273	22-23	120.98	333.742	1,666.53	452	118.94	1.54	15.95	9.99
A1-24 24- 411274	23-24	98.13	324.308	1,602.16	364	107.09	1.50	11.9	16.35
A1-24 25- 411275	24-25	94.09	472.899	2,324.56	311	155.69	2.23	11	16.2
A1-24 26- 411276	25-26	106.19	245.294	1,245.97	398	78.76	1.15	14.1	13.8
A1-24 27- 411277	26-27	108.88	253.550	1,328.93	382	83.28	1.19	14	14.2
A1-24 28- 411278	27-28	111.57	245.294	1,623.62	444	84.99	1.18	11.3	16.4
A1-24 29- 411279	28-29	108.88	421.010	2,102.84	389	149.58	1.95	14.15	11.35
A1-24 30- 411280	29-30	92.75	688.711	3,261.54	293	260.09	3.12	12.45	13.3
A1-24 31- 411281	30-31	112.91	336.101	1,702.30	409	109.53	1.59	13.8	13.05
A1-24 32- 411282	31-32	108.88	233.501	1,254.55	395	71.92	1.10	13.35	14.6
A1-24 33- 411283	32-33	107.54	254.729	1,320.35	404	79.49	1.20	14.35	13.55
A1-24 34- 411284	33-34	102.16	334.921	1,616.47	393	108.68	1.59	14.3	12.25

A1-24 35- 411285	34-35	98.13	390.348	1,981.24	348	125.77	1.85	14	11.95
A1-24 36- 411286	35-36	102.16	337.280	1,659.38	341	113.68	1.55	13.8	12.4
A1-24 37- 411287	36-37	88.72	247.653	1,177.30	434	87.19	1.12	13.5	11.3
A1-24 38- 411288	37-38	92.75	133.261	673.77	518	44.45	0.65	14.95	9.5
A1-24 39- 411289	38-39	94.09	255.908	1,254.55	481	89.02	1.16	13.9	9
A1-24 40- 411290	39-40	82.00	601.443	2,875.31	287	213.08	2.73	12.4	9.08
A1-24-41 411291	blank	30.92	5.897	22.89	71	1.95	0.03	15.4	2.61
AVERAGE		101.67	393.68	1.852.22	380.46	130.92	1.82	14.0211.98	11.98