ASX ANNOUNCEMENT

18 NOVEMBER 2025

ADDITIONAL RARE EARTH MINERALISATION CONFIRMED AT IRONBACK HILL, DRILLING PLANNED

- **Further REE mineralisation confirmed in assays:** Additional laboratory results from re-assayed archived drill samples confirm further near-surface, clay hosted Rare Earth Element (REE) mineralisation at the 100% owned Ironback Hill Project:
- **Significant intercepts include:**
  - 8m @ 1,238ppm TREO (260ppm Nd_2O_3) from 28m to 36m, within 24m @ 1,048ppm TREO (194ppm Nd_2O_3) from 10m to 34m (PLRC0053), extending the previously reported 18m @ 866ppm TREO from 10m to 28m
  - 2m @ 1,088ppm TREO (113ppm Nd_2O_3) from 20 to 22m, within 6m @ 721ppm TREO (78ppm Nd_2O_3) from 18m to 24m (PLRC0057).
- **Drill program planned:** Targeted, low-cost air-core drill program planned for early 2026 to test spatial extent of mineralisation and provide further samples for metallurgical testwork.
- **New tenement application made:** Exploration license application submitted to extend coverage of local creek system potentially prospective for REE.
- **Additional assay results**: Achieved through low-cost re-assaying of additional archived drill samples from previous iron ore drilling programs carried out by Magnetite Mines.
- **Next Steps**: Assay integration into geological model, drill hole target definition and permitting for initial drill program.

Magnetite Mines Managing Director Tim Dobson said:

"Results from the extended assay program further confirm the presence of rare earth mineralisation at Ironback Hill, with our geological model showing a strong correlation between mineralised horizons and local creek systems.

To better define the extent and character of this mineralisation, the Company will undertake a small, scout drilling program to test continuity, variability and metallurgy. This work is consistent with our strategy to increase shareholder value through disciplined, selective exploration of critical minerals. In a constructive but discriminating market for these commodities, it is encouraging that the mineralisation identified to date is in low-density pastoral country close to existing infrastructure, supporting efficient follow-up activities.

The Company has also applied for, and is awaiting, the formal granting of an exploration license covering the south-eastern extent of the local drainage and creek network, providing low-cost optionality for further REE prospectivity in the area. Our next steps are deliberately capital-light

and decision-gated: confirmatory scout drilling, mineralogical characterisation and leachability testing to assess continuity and extractability before we consider a larger program. This disciplined approach aligns with our broader tenement review, while Razorback remains the Company's core development focus."

SUMMARY

Magnetite Mines Limited (**ASX:MGT**) is pleased to report that assays from an expanded re-testing program of archived, clay-rich RC drill samples have confirmed additional near-surface rare earth element (REE) mineralisation at the 100%-owned Ironback Hill Project in North-East South Australia, adjacent to the Company's large magnetite iron ore deposit.[1]

These results build on earlier reporting from archived samples originally collected during an iron ore resource drilling program in 2011–2012.[1,2] REE mineralisation occurs in shallow clay layers that generally follow local creek and drainage lines, consistent with the Company's working model that minerals were concentrated in zones of increased weathering due to fluvial (creek) action.

Importantly, the results received provide the basis for a scout drilling program planned for early 2026. Drill targets have been defined both locally - near current mineralisation intercepts - and regionally, within 5km of Ironback Hill, to test the spatial extent of mineralisation and geological controls on mineralisation. A small 1000-2000m drilling program is proposed, with permitting and stakeholder engagement underway.

To secure potential REE prospectivity in adjacent tenure, the Company has also submitted an exploration license application (ELA-01049) located to the south-east of the REE intercepts and covering a significant creek system originating at Ironback Hill Prospect. The 226km^2 tenement application ELA has successfully passed the Department for Energy and Mining's validity assessment and is pending formal granting, currently anticipated in early 2026.

Significant Head Grade Intersections

In the initial assay program, intervals were selected for sampling based on geological logging codes and interpreted REE mineralisation and were not sampled to end-of-hole.[1] Review of the assay results showed that TREO grades remained elevated toward the ends of several sampled intervals. Additional samples were therefore collected and submitted from immediately adjacent unsampled intervals to better define the full extent of the REE mineralisation.

Previously reported intercepts (ASX announcement dated 19 September 2025) are unchanged; additional sampling of adjacent intervals has extended the interpreted mineralised thickness in several holes.[1] All REE assay intervals above and below the reporting cut-off are provided in Appendix 1 – Table B for context.

Significant REE mineralisation intersections from this re-assay program are listed below with results shown for Total Rare Earth Oxides (TREO), and Neodymium Oxide (Nd_2O_3), a critical rare earth magnet element.

Significant results include (350ppm cut-off applied)[1]:

Hole ID	Intercept
PLRC0053	8m @ 1,238ppm TREO (260ppm Nd_2O_3) from 28m to 36m within 24m @ 1,048ppm TREO (194ppm Nd_2O_3) from 10m to 34m - extending the previously reported 18m @ 866ppm TREO from 10m to 28m 6m @ 436ppm TREO (62ppm Nd_2O_3) from 4m to 10m
PLRC0057	2m @ 1,088ppm TREO (113ppm Nd_2O_3) from 20m to 22m within 6m @ 721ppm TREO (78ppm Nd_2O_3) from 18m to 24m
PLDD0025	6m @ 392ppm TREO (81ppm Nd_2O_3) from 14m to 20m 2m @ 383ppm TREO (92ppm Nd_2O_3) from 22m to 24m
PLRC0059	6m @ 497ppm TREO (93ppm Nd_2O_3) from 36m to 42m
PLRC0055	2m @ 378ppm TREO (64ppm Nd_2O_3) from 2m to 4m 2m @ 616ppm TREO (102ppm Nd_2O_3) from 24m to 26m
PLRC0056	4m @ 601ppm TREO (112ppm Nd_2O_3) from 0m to 4m

Cut-off grade of 350ppm TREO applied, no high-grade cut-offs were applied.

Disclaimer: *The results reported in this announcement are based on limited sampling and early-stage testwork. Limited metallurgical testwork has been undertaken, and recoveries and potential economic significance are unknown at this stage. Further work is required to determine the nature, extent and grade continuity of the mineralisation, and whether extraction would be technically or economically feasible.*

ASSAY AND TESTWORK RESULTS

An additional 294 samples were submitted following previously disclosed results, representing additional drill collars and increased drill hole intersections, all from archived RC drilling samples, originally collected in 2011.[1,2] Samples were submitted for lithium borate fusion ICP-MS trace element analysis, undertaken at ALS Global Laboratories (refer to Appendix 1 – JORC Table 1 for full details).

Intersections range from 2-30m thickness (down hole) and occur within alluvial clay horizons near surface (within 10-15m). Intersections from an additional 19 RC drill holes were submitted for analysis, up from 9 holes previously submitted for a total of, 400 x 2m composite samples.

Significant intercepts were identified using a cut-off grade of 350ppm TREO, no high-grade cut-offs were applied. Intercepts are length-weighted based on 2m downhole composite samples. All intercepts are reported as downhole lengths; true widths are not known at this stage. A minimum intercept width of 2m was applied, with no internal dilution excluded from the calculation. In

[1] Reported intersections represent a selection of results expressed as calculated oxide equivalents. TREO is a sum of rare earth oxides (as listed) and is not a metal equivalent grade (no prices or recoveries are applied). The full dataset of intersections and assay results is presented in the Results section and Appendix A and B. All intercepts are reported as downhole lengths; true widths are not known due to drill hole inclination. A cut-off grade of 350 ppm TREO has been applied, with no high-grade cut-offs. TREO denotes Total Rare Earth Oxides as determined by laboratory analysis; Nd_2O_3 (neodymium oxide) is specifically reported as a key rare earth magnet element. Reporting criteria, sampling protocols and analytical methodologies are provided in the accompanying JORC (2012) Table 1.

addition to head-grade assays, preliminary bench-scale metallurgical testwork is ongoing with limited sample remaining for significant testwork.

As previously reported, the results show a strong link between mineralisation and creek-related sediments, particularly oxidised Tertiary clays and silts sitting over weathered (saprolitic) rock and within the shallow groundwater zone. On this basis, the Company plans a small, scout drilling program in early 2026 to test the lateral extent, thickness and continuity of these clay-hosted REE horizons and to collect material for further metallurgical work.

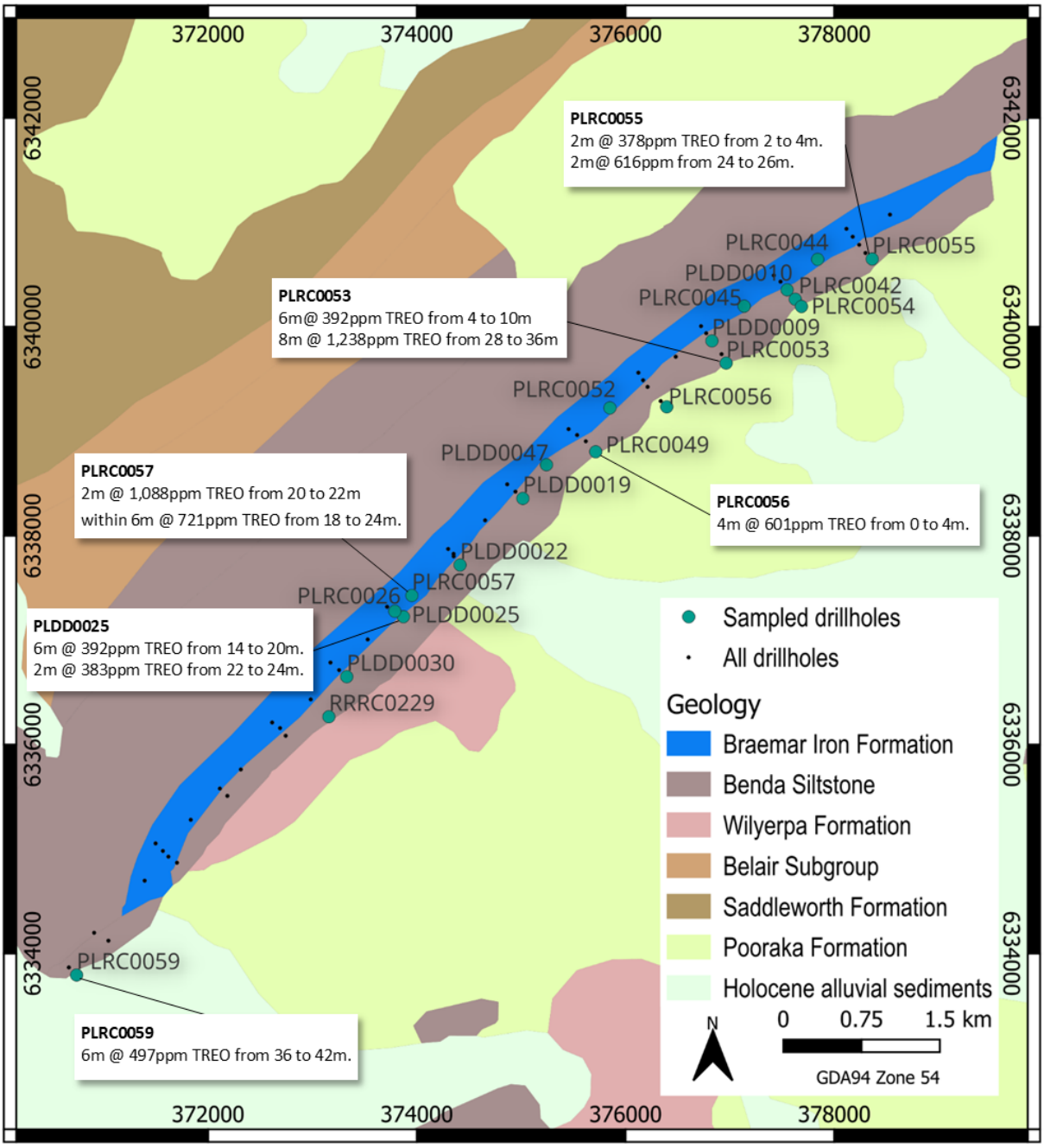

Figure 1. Drill collar location map and associated intercepts, cut-off grade of 350ppm TREO applied, no high-grade cut-offs were applied.

DRILLING PROGRAM PLANNED

The Company proposes a focused, low-impact air-core program in early 2026 to validate the spatial controls on mineralisation inferred from recent assays and regolith mapping. Key objectives for the program include:

1. **Test extent:** Map the upstream and downstream limits of clay-hosted REE mineralisation along key creek systems.
2. **Understand geological controls:** Assess the main geological and geomorphic controls on mineralisation and stratigraphic continuity (e.g. drainage pathways, clay horizon development, weathering profile).
3. **Confirm and characterise:** Conduct confirmatory scout drilling with supporting mineralogical characterisation and leachability testing to assess continuity and potential extractability.

Figure 2. Typical 4WD mounted air core drilling rig.

Subject to permitting and access, the Company is targeting a Q1 2026 start for the scout drilling program. The program will comprise ~1,000–2,000m of air-core drilling to ~40–60m depth, targeting oxidised near-surface clay horizons along priority creek lines.

Near-surface drilling in highly weathered material using air-core methods is a highly efficient, rapid and cost-effective means of generating a large number of samples in a short space of time. The drill rigs used for this type of drilling are typically mounted on conventional 4WD utility vehicles, with a very low environmental impact relative to larger RC and core drilling rigs (see Figure 2).

Preparatory activities for the program are underway and include finalising drill targets and access routes, engaging with pastoral lessees and relevant Native Title parties, completing heritage surveys, and securing routine regulatory approvals and land access agreements.

The results of the drill program will be incorporated into the Company's geological model to guide follow-up work under the Company's phased, decision-gated approach.

EXPLORATION LICENSE APPLICATION

The Company has lodged an application for a low-cost exploration tenement covering the south-eastern extension of the drainage system that partly originates within the Ironback Hill area. The ground was open at the time of application and complements our existing holdings (see Figure 3).

The application has passed the Department for Energy and Mining's (DEM) validity assessment and the formal grant to Magnetite Mines remains pending the remaining statutory steps. If granted, the additional tenure will consolidate the Company's control over downstream and lateral extents of the creek network interpreted to potentially host clay-developed REE mineralisation. This will enable systematic upstream and downstream testing as well as step-out reconnaissance along priority corridors.

Upon grant, the Company will commence standard access, heritage and stakeholder engagement ahead of low-impact field programs.

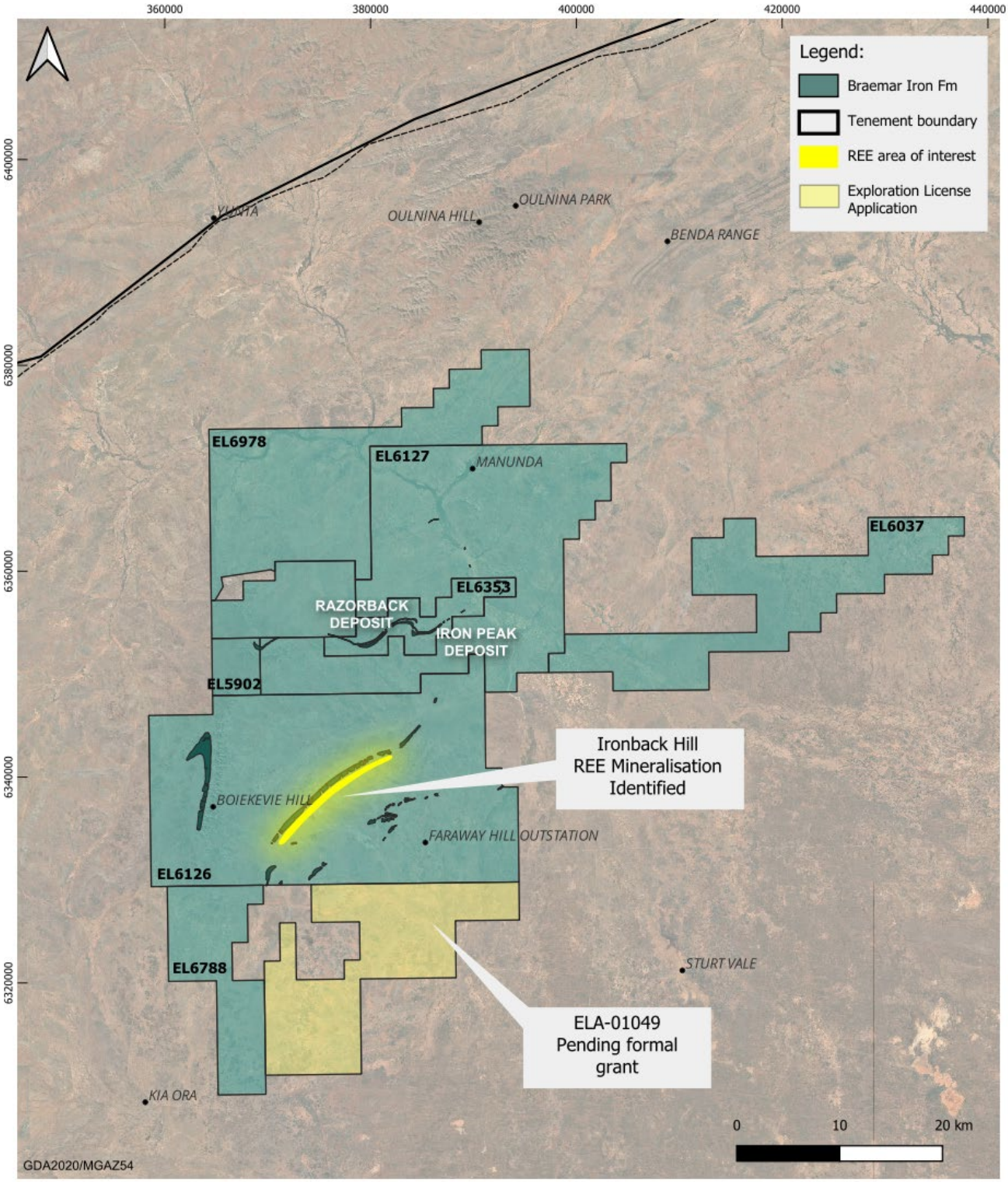

Figure 3. Location map of exploration license application relative to existing MGT tenements (pending DEM grant).[3]

Competent Persons Statement

Exploration Results

The information in this announcement that relates to Exploration Results is based on, and fairly represents, information and supporting documentation prepared by Mr Trevor Thomas, who is a Member of the Australasian Institute of Mining and Metallurgy (AusIMM) and a Member of the Australian Institute of Geoscientists (AIG). Mr Thomas is a full-time employee of Magnetite Mines Limited and has sufficient experience relevant to the style of mineralisation and type of deposit under consideration and to the activity being undertaken to qualify as a Competent Person as defined in the 2012 Edition of the Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves (JORC Code 2012). Mr Thomas consents to the inclusion in this announcement of the matters based on his information in the form and context in which it appears. Mr Thomas holds unquoted options in the Company.

This announcement has been authorised for release to the market by the Board.

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ABOUT MAGNETITE MINES

Magnetite Mines Limited (ASX: MGT) is an Australian iron ore company focused on the development of magnetite iron ore resources in the highly prospective Braemar Iron Region of South Australia. The Company has a 100% owned Mineral Resource of 6.6 billion tonnes and is developing the Razorback Iron Ore Project, located 240km from Adelaide, to meet accelerating market demand for premium iron ore products created by iron and steel sector decarbonisation.[3] With the potential to produce high-value Direct Reduction (DR) grade concentrates, Razorback is set to become a very long-life iron ore project in a tier 1 jurisdiction that will produce a superior iron ore product sought by steelmakers globally.[4] For more information visit magnetitemines.com.

References

1. ASX:MGT 19/08/25 - Rare Earths Mineralisation Identified at Ironback Hill
2. ASX:MGT 20/11/18 - Ironback Hill Deposit – JORC 2012 Resource Update
3. ASX:MGT 30/06/25 - Razorback Iron Ore Project 2025 Mineral Resource Update
4. ASX:MGT 22/07/24 - Green Iron grade concentrates produced using saline water

SUPPLEMENTARY INFORMATION

Introduction

Rare earth elements (REEs) are un-substitutable, critical inputs to a wide range of today's technologies, with different elements in the series providing different and unique properties essential for the manufacture of modern equipment such as EV motors, wind turbines, advanced electronics and defence systems. REE mineralisation that is both shallow and potentially amenable to simple processing is uncommon, and supply chains remain concentrated.

The rare earth elements used in rare earth magnets, specifically neodymium (Nd), praseodymium (Pr), dysprosium (Dy) and terbium (Tb), are strategically important due to their role in high-performance permanent magnets used extensively in modern consumer, industrial and defence technologies.

Location – Ironback Hill

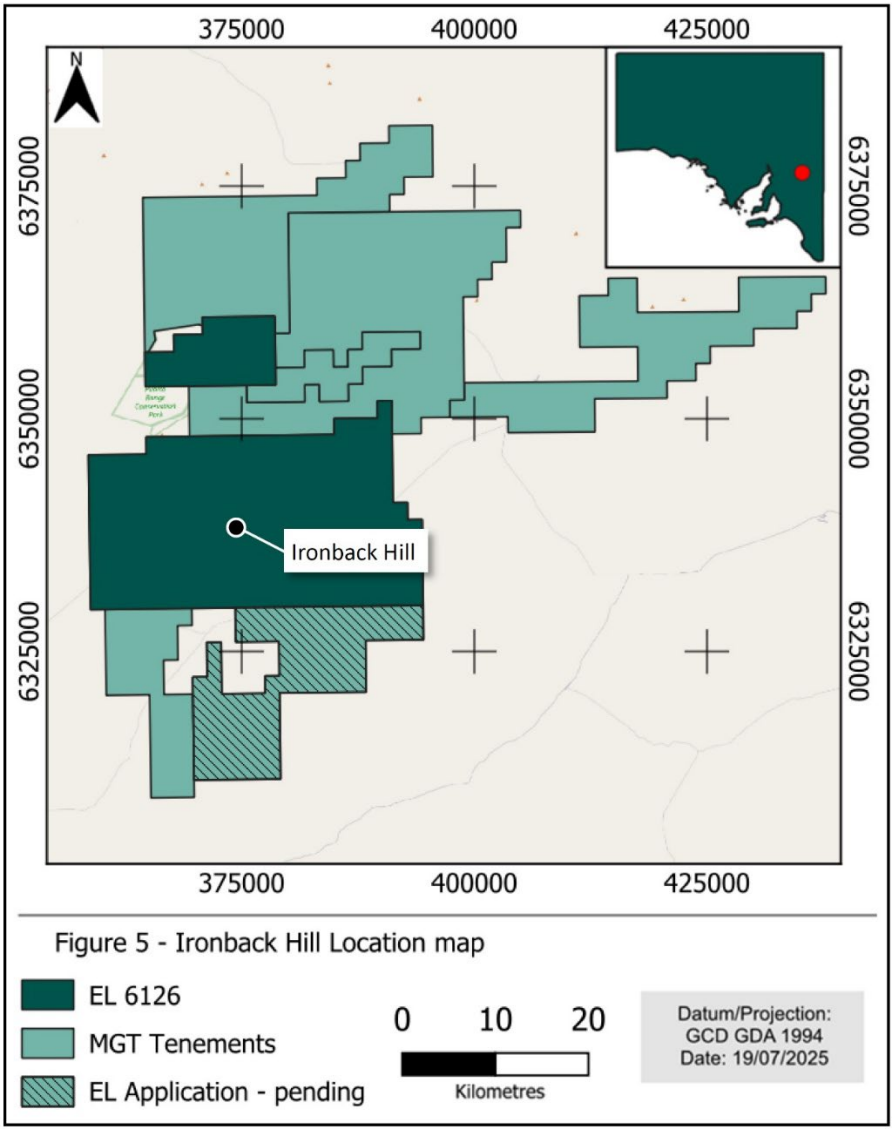

Figure 4. Ironback Hill location within tenement EL 6126

REE mineralisation reported here occurs adjacent to the Ironback Hill magnetite iron ore Mineral Resource Estimate in north-east South Australia, ~250km north-east of Adelaide and ~12km south of the Razorback Iron Ore Project. The prospect lies within EL 6126, held by Ironback Pty Ltd, a wholly owned subsidiary of Magnetite Mines Limited.

Geological setting and mineralisation

REE mineralisation has been identified from existing iron ore drill samples within shallow, oxidised clay–silt horizons developed above weathered (saprolitic) basement and is commonly aligned with local drainage. The Company is aiming to develop the genetic model of the REE formation at the Ironback Hill prospect further through additional desktop, mineralogical testwork and the proposed drilling program. The extent of mineralisation is not currently known. Existing drilling data and coverage are insufficient to demonstrate continuity or true thickness of mineralisation. Accordingly, a cross section of potential mineralisation is not presented at this stage. Further work, including metallurgical extractability testwork and additional desktop studies, is planned to support future targeting and drilling programs.

Sampling, analysis and data quality

Archived 2m RC reference sub-samples (~1 kg) from clay-bearing intervals were selected from the 2011–2012 iron ore drilling program. Samples were prepared via dry riffle splitting where required and analysed by ALS using ME-MS81 (lithium borate fusion ICP-MS), reporting Total Rare Earth Oxides (TREO) as the sum of individual oxides.

QA/QC included company-inserted certified reference materials, blanks and duplicates, supported by laboratory controls; umpire checks are planned on a subset of pulps. Samples have been stored in sealed, labelled containers within the Company's secure Adelaide facility; IDs and depths were reconciled against drill logs prior to dispatch. The Company notes that spear-derived reference material can introduce minor bias relative to full riffle splits; upcoming drilling is intended to validate representativity.

Sample storage and security

Following drilling in 2011-12, RC samples, from 2m composite sample bags, were collected prior to rehabilitation of the drill sites. Following Company procedures, sub-samples were taken via spear sampling from the centre of the bag to avoid contamination and stored in ~1kg plastic pots as a reference sample. These samples were in addition to chip tray samples, coarse residues and pulp samples, which have also been retained.

The plastic pots were labelled with the corresponding hole ID, prospect and meterage data and an aluminium perma-tag also with hole collar and meterage details placed in the plastic pot before sealing the dry sample closed with a corresponding tamper-proof plastic lid (tear away strip type). The samples were placed into wooden crates, which were labelled and then transported to the Company's secure storage facilities in Wingfield, Adelaide via a courier. These crates have been stored on steel racking inside the storage facilities, away from weather and sunlight.

Figure 5. Secured storage facility and dry storage of wooden crates – Wingfield, Adelaide.

Sample representivity

It is noted that the initial collection of reference materials from field drilling bags by spear sampling may introduce minor bias, and other sample collection methods such as riffle splitting of whole samples are generally preferred.

Samples were inspected prior to sampling to ensure representivity. Samples were securely stored with sample containers remaining in-tact and with no security concerns. Sample details from labels and perma-tags were correlated with down hole logging data prior to sampling to ensure representivity of lithology vs. records.

Analytical techniques

REE analyses were carried out by ALS Global using method ME-MS81 (lithium borate fusion followed by ICP-MS analysis), providing total or near-total digestion of REEs. The suite included light, medium, and heavy REEs along with selected pathfinder elements. Quality control included company-inserted certified reference materials, blanks, and pulp duplicates, supplemented by laboratory (ALS Global) internal standards, blanks, and repeat analyses to ensure precision and accuracy. Full analytical methodology is presented in Appendix 2 – JORC Table 1.

Next steps

The 2011–2012 drilling program was not designed for REE targeting and hence the continuity, true widths and overall extent of the REE mineralisation remain to be established.

A small, internally funded air-core drilling program (~1,000–2,000m; typical depths ~40–60m) is planned to test upstream and downstream extents along priority creeks, collect material for mineralogical and leachability screening, and refine the 3D geological–geomorphic model. Results

will be integrated into a decision-gated framework to determine whether a larger program is warranted.

Figure 6. Example plastic pots with tamper proof lids and labelling and wooden storage containers.

APPENDIX 1 – Ironback Hill REE Assay Results

Head grade assay results:

The following table summarises significant REE intercepts from the current assay program. Only intervals meeting a reporting cut-off of 350ppm TREO are shown; no high-grade top cuts have been applied. Previously reported intercepts (ASX announcement dated 19 September 2025) are listed for reference alongside new intercepts reported in this release. Reported grades are calculated oxide equivalents based on elemental abundance. All intervals are downhole lengths and do not represent true thickness due to the inclination of the drill holes. Reporting criteria and analytical details are provided in the accompanying JORC (2012) Table 1 (see Appendix 2, below)

HoleID	mE	mN	RL (m)	Dip (°)	Azi (°)	mFrom	mTo	Interval (m)	TREO (ppm)	Status
PLRC0023	374301	6337874	244.03	-55	320	12	14	2	360	Previously reported (19/09/25)
PLRC0040	376338	6339290	240.37	-55	320	22	34	12	371	
PLRC0041	376338	6339290	240.37	-55	320	12	18	6	436	
PLRC0052	375851	6339225	245.47	-55	320	10	14	4	423	
PLRC0053	376965	6339654	236.9	-55	320	**10**	**28**	**18**	**866**	
PLRC0055	378365	6340651	225.3	-55	320	42	44	2	356	
PLRC0056	376396	6339235	230.23	-55	320	12	32	20	583	
PLRC0059	370740	6333793	227.33	-55	310	**14**	**34**	**20**	**608**	
PLDD0025	373872	6337225	234.81	-55	320	14	24	10	390	New
PLRC0053	376965	6339654	236.9	-55	320	4	10	6	436	
PLRC0053	376965	6339654	236.9	-55	320	**28**	**36**	**8**	**1238**	
PLRC0055	378365	6340651	225.3	-55	320	2	4	2	378	
PLRC0055	378365	6340651	225.3	-55	320	24	26	2	616	
PLRC0056	376396	6339235	230.23	-55	320	0	4	4	601	
PLRC0057	373953	6337428	228.66	-55	320	**18**	**24**	**6**	**721**	
PLRC0059	370740	6333793	227.33	-55	310	36	42	6	497	

APPENDIX 2 – JORC TABLE 1, 2012 Edition

MAGNETITE MINES LTD – Ironback Hill clay-hosted REE

Section 1 Sampling Techniques and Data

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.*	• REE assays derive from archived 1 m RC drill-spoil reference sub-samples (~1 kg each) collected during the 2011-2012 Ironback Hill RC program. For the REE work, 294 samples were prepared as 2 m composites by combining riffle-splits from adjacent 1 m reference samples targeting logged clay (lith code "Ocl" and/or keyword "clay") and samples immediately adjacent. • At drilling, each 1 m RC interval was captured via a sampling trailer with dust collector, cyclone and non-adjustable riffle splitter; reference samples (~1 kg/m) were taken via spear sampling to be archived for future work. The REE re-assay used 50/50 riffle splits from the archived 1 m references to create one ~1 kg 2 m composite, performed on dry material. No downhole geophysical tools or handheld XRF were used for the REE re-assay; calibration of such instruments is therefore not applicable. • Intervals selected to test clay-hosted REE anomalism within weathered horizons; TREO is reported as a sum of REO oxides (see factors below).
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).*	• No new drilling. REE samples derived from the 2011-2012 Ironback Hill drilling. • Historical program details: RC drilling was performed by Coughlan Drilling using a UDR 650 with 5½" face-sampling and booster; 44 RC holes were completed over ~11 km strike (avg. depth ~215 m, total 9,480 m). Diamond work comprised 2 DD from surface and 18 RCDD (avg. 308 m, total 6,169 m) with HQ (standard & triple-tube) and NQ tails; one DD hole twinned an RC hole.
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*	• RC samples showed generally good recovery with <1% recorded as poor or wet; HQ/NQ diamond core recovery was >98% (minor issues near surface/broken zones). Core loss was recorded. These observations inform confidence in the archived materials used for REE compositing. • No relationship between recovery and REE grade can be established from the archived material;

Criteria	JORC Code explanation	Commentary
	sample recovery and grade and whether sample bias may have occurred due to preferential loss/gain of fine/coarse material.	potential bias from preferential loss/gain of fines is unknown.
Logging	• *Whether core and chip samples have been geologically and geotechnically logged to a level of detail to support appropriate Mineral Resource estimation, mining studies and metallurgical studies.* • *Whether logging is qualitative or quantitative in nature. Core (or costean, channel, etc) photography.* • *The total length and percentage of the relevant intersections logged.*	• 100% of sampled intervals were lithologically logged by MGT geologists using MGT rock codes to intervals of 1m. • Chip trays were retained for each RC hole. Photography available where taken. • All RC drill metres have been geologically logged.
Sub-sampling techniques and sample preparation	• *If core, whether cut or sawn and whether quarter, half or all core 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.*	• In the original drilling, 2 m RC composites (~3 kg) were captured from the splitter; duplicates were produced via a secondary riffle splitter (50/50). 1kg reference samples were taken from RC spoil via spear sampling. Diamond core was typically sampled at 1 m intervals with quarter-core for assays and metallurgical retention protocols. • Use of archived spear-collected reference material may introduce fines/coarse fraction bias; potential bias is currently unknown. • On-site at MGT core storage: 50/50 riffle split per archived 1 m reference sample, paired to create 2 m composites (~1 kg). • CRU31 (crush to 70% <2 mm), CRU-QC, PUL31h (~750 g to 85% <75 µm), PUL-QC, WEI21 (receipt/weights). • Composite masses and pulverised charges are typical for fine-grained clay-hosted targets; confirmation will be augmented by pending mineralogy/met testwork.
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*	• ALS ME-MS81 (lithium borate fusion ICP-MS) — total/near-total digestion for REE. Analytes: Ba, Ce, Cr, Cs, Dy, Er, Eu, Ga, Gd, Hf, Ho, La, Lu, Nb, Nd, Pr, Rb, Sc, Sm, Sn, Sr, Ta, Tb, Th, Ti, Tm, U, V, W, Y, Yb, Zr. • QC: Company insertions: CRMs (OREAS 46, OREAS 460b). ALS internal CRU-QC/PUL-QC, internal standards, repeats and blanks per SOPs. • Company and laboratory standards were within acceptable levels of accuracy and precision. External laboratory checks have not been undertaken.

Criteria	JORC Code explanation	Commentary
	precision have been established.	
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.*	• Significant intersections have been prepared by Mr Trevor Thomas and reviewed by Mr Matthew Paul. • One RC-DD twinned hole exists from the historical program however no clays were sampled from these holes. • Logging and sampling intervals were entered into LogChief software on site with audit trails and uploaded to Datashed. Chip trays retained. • No adjustments to assays other than REO oxide conversions.
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.*	• Collars originally by handheld GPS (3–5 m); selected collars later by DGPS (±1 m). Downhole: Eastman readings every 30–40 m; gyro on selected holes confirmed negligible deviation relative to Eastman in magnetic rocks. • Grid: MGA94 / Zone 54. • RLs from a DTM derived from 50 m line-spaced aeromagnetics flown Dec 2009–Jan 2010.
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.*	• The original program comprised 800m x 100m spaced drill lines with single infill holes at 400m between lines. • The data spacing is adequate for Exploration Results only; not sufficient for Mineral Resource estimation without further work. • 1m sub-sample intervals were composited to 2m.
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.*	• The historical drilling program was oriented at 55 degrees to intersect perpendicular to the dipping target lithology. • The overlying clay-hosted REE mineralisation is interpreted as (sub-)horizontal; therefore, down-hole intercepts are apparent widths and are expected to exceed true thickness.
Sample security	• *The measures taken to ensure sample security.*	• The chain of custody was controlled by Magnetite Mines. Samples were delivered to ALS Adelaide by either Magnetite Mines staff or by Burra Couriers. Sub-samples were delivered to ALS Adelaide by Magnetite Mines staff.
Audits or reviews	*The results of any audits or reviews of sampling techniques and data.*	• No independent reviews of audits of sampling have been carried out.

Section 2 Reporting of Exploration Results

(Criteria listed in section 1 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.*	• Magnetite Mines Limited, through its 100% owned subsidiary Ironback Pty Ltd, has secured the EL 6126 lease on which the Ironback Project lies. The Ironback Hill tenement EL 6126 covers approximately 725km^2. • Resource payments calculated at $0.01 per DTR tonne of measured resources (resource payment = tonne of measured resource x $0.01 x DTR%). • A 1% royalty on the value of the product produced from the tenement measured at the 'mine gate'. • The tenement is subject to ordinary third-party interests customary for the jurisdiction (including native title and land access) none of which are considered to be impediments at this time.
Exploration done by other parties	• *Acknowledgment and appraisal of exploration by other parties.*	• Whitten, on behalf of the Geological Survey of South Australia, carried out a detailed study at the Razorback Ridge area during the 1950's and 60's. This work whilst spatially separate from the Ironback Hill Resource, forms the basis for much of the Braemar Iron Formation ('Type locality') and it's description locally and laterally. • No previous drilling or exploration for clay-hosted REE has been undertaken on Ironback Hill.
Geology	• *Deposit type, geological setting and style of mineralisation.*	• Resampling of historic RC drill material TREO mineralisation in near-surface clays of the Late Pleistocene Pooraka Formation (red-brown alluvial sheetwash) proximal to/overlying the Braemar Iron Formation. The occurrence is provisionally regolith-hosted (clay-hosted) REE. Specific style (ion-adsorption vs secondary/detrital) is uncertain; no discrete REE minerals identified. Mineralogy/deportment to be confirmed by XRD/SEM and sequential ammonium-salt leach tests.

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:*
	  ○ *easting and northing of the drill hole collar*
	  ○ *elevation or RL (Reduced Level – elevation above sea level in metres) of the drill hole collar*
	  ○ *dip and azimuth of the hole*
	  ○ *down hole length and interception*
		• Refer to Collar details (Table A) and Interval data (Tables 1 and B).
		• No drill-hole information has been excluded other than holes not re-assayed for REE, which is not material to the understanding of reported REE results.

Criteria	JORC Code explanation	Commentary
	depth ○ *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.*	
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.*	• Significant intercepts are calculated using a cut-off grade of 350 ppm TREO, no high-grade cut-offs were applied. Intercepts are length-weighted based on 2m downhole composite samples. All intercepts are reported as downhole lengths; true widths are not known at this stage. A minimum intercept width of 2m was applied, with no internal dilution excluded from the calculation • Conversions: REE elemental to oxide by the company, factors listed below: **Element / Oxide / Factor** Yttrium / Y_2O_3 / 1.2699 Lanthanum / La_2O_3 / 1.1728 Cerium / CeO_2 / 1.2284 Praseodymium / Pr_6O_{11} / 1.2083 Neodymium / Nd_2O_3 / 1.1664 Samarium / Sm_2O_3 / 1.1596 Europium / Eu_2O_3 / 1.1579 Gadolinium / Gd_2O_3 / 1.1526 Terbium / Tb_4O_7 / 1.1762 Dysprosium / Dy_2O_3 / 1.1477 Holmium / Ho_2O_3 / 1.455 Erbium / Er_2O_3 / 1.1435 Thulium / Tm_2O_3 / 1.1421 Ytterbium / Yb_2O_3 / 1.1387 Lutetium / Lu_2O_3 / 1.1371 • The reporting of REE oxides is done so in accordance with industry standards using the following calculation: • TREO = $Y_2O_3 + La_2O_3 + CeO_2 + Pr_6O_{11} + Nd_2O_3 + Sm_2O_3 + Eu_2O_3 + Gd_2O_3 + Tb_4O_7 + Dy_2O_3 + Ho_2O_3 + Er_2O_3 + Tm_2O_3 + Yb_2O_3 + Lu_2O_3$. • No metal equivalents reported.
Relationship between mineralisation widths and intercept lengths	• *These relationships are particularly important in the reporting of Exploration Results.* • *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').*	• Drillholes were drilled at 55° and the host clays are interpreted to be bedded horizontally and as such clay intercepts are exaggerated with respect to true thickness. • The geometry of the mineralisation is not known so down hole lengths are reported as true width is not known.

Criteria	JORC Code explanation	Commentary
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.*	• Refer to figure A. • The extent of mineralisation is not currently known. Existing drilling data and coverage are insufficient to demonstrate continuity or true thickness of mineralisation. Accordingly, a cross section of potential mineralisation is not presented at this stage. Further work, including metallurgical extractability testwork and additional desktop studies, is planned to support future targeting and drilling programs.
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.*	• All results have been reported, refer to Table B.
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.*	• Extensive exploration has been undertaken for iron ore within the Braemar Iron Formation at Ironback Hill by MGT however these results are not considered material to this report.
Further work	• *The nature and scale of planned further work (eg tests for lateral extensions, 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.*	• Bench-scale metallurgical program at Ironback Hill - sequential leach to quantify exchangeable/ionic fraction; mild-reagent leachability at ambient conditions; impurity/selectivity and solid–liquid separation tests on representative composites and variability subsets (clay type, grain size, stratigraphy). Mineralogical characterisation (XRD/SEM-EDS). • Assessment of lateral/depth continuity using existing drilling and targeted surface/sub-surface sampling; subject to results, limited shallow auger/aircore infill and step-out drilling to test extensions.

Table A Drill Collar – Location Data

Hole ID	Hole Type	Max Depth (m)	Dip (°)	Datum	Easting (m)	Northing (m)	Elevation (m)	Survey Method	Date Drilled	Azimuth
PLDD0009	RCDD	436	-55	MGA94_54	376829.02	6339866.49	DGPS	250.08	23/03/2012	320
PLDD0010	RCDD	453.5	-55	MGA94_54	377549.69	6340355.38	DGPS	255.92	30/03/2012	320
PLDD0019	RCDD	313.75	-55	MGA94_54	375016.76	6338357.67	DGPS	251.26	26/04/2012	320
PLDD0022	RCDD	373.01	-55	MGA94_54	374415.23	6337720.6	DGPS	235.54	21/02/2012	320
PLDD0025	RCDD	399.74	-55	MGA94_54	373872.29	6337225.35	DGPS	234.81	12/05/2012	320
PLDD0030	RCDD	315.69	-55	MGA94_54	373329.66	6336650.35	DGPS	245.15	6/03/2012	320
PLDD0047	RCDD	279.4	-55	MGA94_54	375243	6338680	GPS	242.99	15/02/2012	320
PLRC0026	RC	222	-55	MGA94_54	373789.8	6337277.2	DGPS	235.86	2/11/2011	320
PLRC0042	RC	210	-55	MGA94_54	377627.42	6340266.12	DGPS	237.73	16/11/2011	320
PLRC0044	RC	300	-55	MGA94_54	377842	6340648	GPS	242.49	8/02/2012	320
PLRC0045	RC	300	-60	MGA94_54	377138	6340199	GPS	242.08	11/02/2012	320
PLRC0049	RC	234	-55	MGA94_54	375715	6338805	GPS	241.52	18/02/2012	320
PLRC0052	RC	246	-55	MGA94_54	375851	6339225	GPS	245.47	23/02/2012	320
PLRC0053	RC	240	-55	MGA94_54	376965	6339654	GPS	236.9	9/03/2012	320
PLRC0054	RC	300	-55	MGA94_54	377686.92	6340196	GPS	232.79	11/03/2012	320
PLRC0055	RC	300	-55	MGA94_54	378365	6340651	GPS	225.3	13/03/2012	320
PLRC0056	RC	300	-55	MGA94_54	376396	6339235	GPS	230.23	15/03/2012	320
PLRC0057	RC	234	-55	MGA94_54	373953	6337428	GPS	228.66	17/03/2012	320
PLRC0059	RC	270	-55	MGA94_54	370740	6333793	GPS	227.33	17/03/2012	310
RRRC0229	RC	196	-60	MGA94_54	373156	6336267	DGPS	248.85	08/04/2011	315

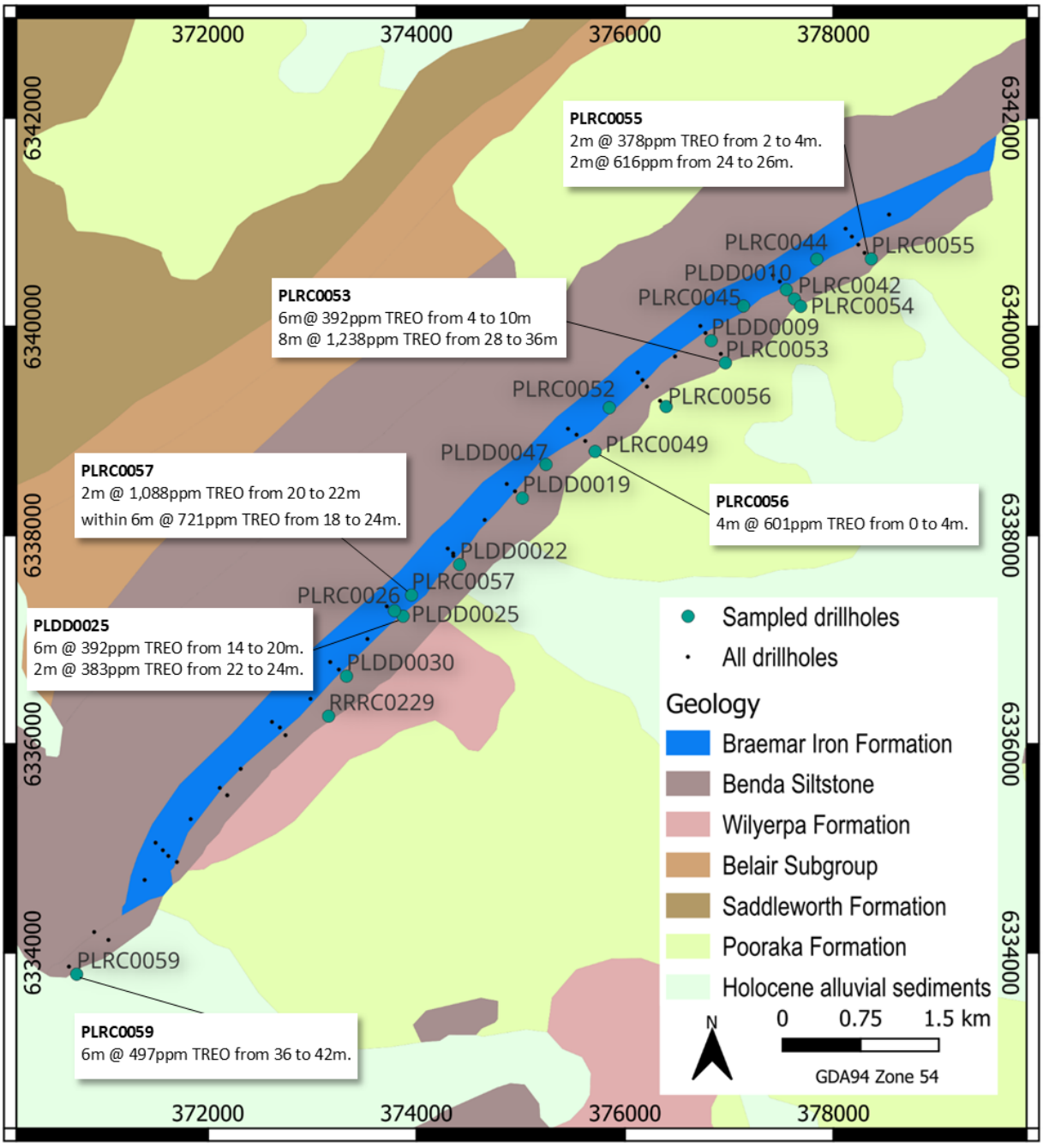

Figure A – Drill collar location map and associated intercepts, cut-off grade of 350ppm TREO applied, no high-grade cut-offs were applied.

Table B - Ironback REE Assay Results reported in parts per million (ppm) – No cut-offs applied, downhole intervals supplied.

Hole ID	mFrom	mTo	CeO_2	Dy_2O_3	Er_2O_3	Eu_2O_3	Gd_2O_3	Ho_2O_3	La_2O_3	Lu_2O_3	Nd_2O_3	Pr_6O_{11}	Sm_2O_3	Tb_4O_7	Tm_2O_3	Y_2O_3	Yb_2O_3	TREO
PLDD0009	0	2	83.8	7.6	4.1	1.8	8.2	1.9	38.6	0.5	41.3	10.4	8.6	1.3	0.6	44.2	3.7	256.5
PLDD0009	2	4	78.2	7.2	4.1	1.8	8.7	1.9	37.1	0.5	39.4	9.9	9	1.3	0.5	42.9	3.8	246.4
PLDD0009	4	6	69.9	5.5	3.5	1.1	5.5	1.4	33.4	0.5	31.6	8.3	6.2	0.9	0.5	33.8	3.2	205.2
PLDD0009	6	8	65.5	5.1	3.1	1.2	5.5	1.4	32.5	0.5	29.6	7.8	6.2	0.8	0.5	32	3	194.7
PLDD0009	8	10	70.3	5.1	3.5	1.3	5.6	1.4	33.7	0.5	32.7	8.4	6.6	0.9	0.4	33.8	3	207
PLDD0010	2	4	71.5	6.3	3.8	1.3	6.3	1.7	33.3	0.5	33.6	8.4	6.8	1	0.5	37.7	3.5	216.1
PLDD0010	4	6	69.5	6	3.4	1.3	5.8	1.5	32.5	0.5	31.6	8.5	7	0.9	0.5	36.7	3.2	209
PLDD0010	6	8	66.9	5.6	3.4	1.2	5.6	1.4	31.1	0.4	32.4	8.2	6.5	0.9	0.5	35.7	3.3	203.2
PLDD0010	8	10	67.9	5.6	3.1	1.5	5.7	1.5	32.3	0.4	31.4	8.3	6.4	0.9	0.5	35.3	3.3	204.2
PLDD0010	10	12	74.9	6.3	3.7	1.5	6.2	1.6	34.5	0.5	35	8.9	7.1	1	0.6	39.9	3.6	225.4
PLDD0010	12	14	71.9	5.8	3.5	1.4	5.9	1.6	34	0.5	33.4	8.7	7	0.9	0.5	36.2	3.6	214.7
PLDD0010	14	16	68.2	5.6	3.2	1.2	5.7	1.4	32	0.5	30.2	8.2	6.5	0.9	0.5	33.1	3.1	200.3
PLDD0010	16	18	77	6	3.7	1.4	6.3	1.6	36.5	0.5	35.3	9.4	7.8	1	0.5	38.2	3.5	228.8
PLDD0010	18	20	74.8	5.6	3.6	1.4	5.8	1.5	34.6	0.5	34.3	9.2	7	1	0.5	36.4	3.5	219.6
PLDD0010	20	22	72.6	6.1	3.7	1.5	6.2	1.5	33.5	0.5	33.5	8.7	6.7	1	0.5	37.7	3.5	217.4
PLDD0010	22	24	66.7	5.6	3.3	1.3	5.5	1.4	31.5	0.5	31	8.2	6.6	1	0.5	35.8	3.3	202.2
PLDD0010	24	26	66	5.3	3	1.3	5.3	1.4	31.8	0.4	30.4	8.3	6.3	0.9	0.4	30.6	2.9	194.2
PLDD0010	26	28	70.6	5.6	3.5	1.3	5.8	1.5	33.2	0.5	32.8	9	6.7	0.9	0.5	35	3.4	210.3
PLDD0010	28	30	80.2	6.2	3.6	1.4	6.3	1.5	37.8	0.5	36.6	9.7	7.8	1	0.5	36.6	3.5	233
PLDD0010	30	32	73.9	5.7	3.5	1.4	6.1	1.5	35.3	0.5	35.2	8.9	7.5	1	0.5	35.7	3.4	220.1
PLDD0010	32	34	75.1	6.1	3.5	1.3	6.7	1.6	35.5	0.5	34.4	9.1	7	1	0.5	37.3	3.5	223
PLDD0010	34	36	75.3	6	3.6	1.3	6.4	1.6	35.2	0.5	35.7	9.1	7.6	1	0.5	38.7	3.7	226.4
PLDD0010	36	38	73.1	5.6	3.3	1.3	5.9	1.5	34.4	0.5	33.2	8.9	6.7	0.9	0.5	36.3	3.4	215.6
PLDD0010	38	40	72.1	5.6	3.3	1.4	6	1.4	34	0.4	33.6	8.8	7.1	1	0.5	32.4	3.2	210.8
PLDD0019	0	2	65.7	6.2	4	1.1	6.3	1.8	30.1	0.6	30.7	7.6	6.1	1	0.6	40.6	3.7	206.3
PLDD0019	2	4	69.5	4.9	3.2	1	4.6	1.4	32.3	0.5	32.4	8	6	0.8	0.5	33.8	3.4	202.2
PLDD0019	4	6	75.8	4.9	3.1	1.3	4.9	1.3	35.7	0.5	35.1	9.1	7	0.8	0.5	35.2	3.3	218.4
PLDD0019	6	8	76.2	6.1	3.8	1.6	6.4	1.6	34.2	0.5	35.2	9	7.1	1.1	0.6	42.2	3.7	229.3
PLDD0019	8	10	78	6	3.4	1.4	5.9	1.5	35.7	0.5	36.4	9.1	7.2	1	0.5	39.1	3.4	229.2
PLDD0019	10	12	79.7	5.7	3.5	1.4	6.4	1.5	37.5	0.5	35.1	9.2	7.4	1	0.5	37.3	3.3	230.1
PLDD0019	12	14	73.3	5.1	3.5	1.3	5.6	1.5	33.8	0.5	33.2	8.5	7	1	0.5	35.3	3.2	213.3

Hole ID	mFrom	mTo	CeO_2	Dy_2O_3	Er_2O_3	Eu_2O_3	Gd_2O_3	Ho_2O_3	La_2O_3	Lu_2O_3	Nd_2O_3	Pr_6O_{11}	Sm_2O_3	Tb_4O_7	Tm_2O_3	Y_2O_3	Yb_2O_3	TREO
PLDD0019	14	16	68.2	5.6	3.2	1.3	5.9	1.5	31.9	0.5	33.2	8.1	6.6	0.8	0.5	35.8	3.2	206.3
PLDD0022	2	4	71	7	3.8	1.7	6.7	1.5	32.8	0.5	32.8	8.7	7.1	1.1	0.5	41.1	3.5	220
PLDD0022	4	6	66.9	5.7	3.4	1.3	5.8	1.4	31.2	0.4	31.8	8.2	6.1	0.9	0.5	38.6	3	205.3
PLDD0022	6	8	68.2	5.3	3	1.3	5.8	1.4	32.5	0.4	32.5	8.3	7	0.8	0.4	34.9	3	204.8
PLDD0022	8	10	73.2	5.9	3.4	1.4	6.1	1.6	34	0.5	35.8	8.9	7.3	1	0.5	38.4	3.2	221.1
PLDD0022	10	12	73.9	5.9	3.3	1.3	6.2	1.5	34.7	0.5	35	8.7	7.2	0.9	0.5	38.7	3.2	221.7
PLDD0022	12	14	70.6	5.7	3.5	1.4	5.9	1.5	33.3	0.5	33.5	8.5	6.3	1	0.5	37.5	3.2	212.7
PLDD0022	14	16	68.9	6.4	3.9	1.3	6.1	1.6	32	0.6	32.2	8.1	6.9	1	0.5	40.8	3.4	213.8
PLDD0022	16	18	69.3	6.2	3.3	1.3	6.4	1.5	31.8	0.5	33.1	8.3	6.6	1	0.5	40.9	3.3	214.1
PLDD0022	18	20	65.6	6	3.6	1.3	5.9	1.6	30.4	0.5	31.4	7.5	6.1	0.9	0.5	36.6	3.2	201
PLDD0022	20	22	60.4	5.7	3.4	1.3	5.7	1.5	27.2	0.5	29.4	7.3	5.7	0.9	0.5	38	3.5	191
PLDD0022	22	24	71.6	5.6	3.1	1.3	5.6	1.4	34.2	0.4	34.6	8.5	6.4	0.9	0.4	34.9	2.9	212
PLDD0022	24	26	69.4	5.6	3.2	1.4	6.2	1.4	32.4	0.3	33.2	8.6	6.8	1	0.4	35.3	3	208.2
PLDD0022	26	28	74.8	6.3	3.7	1.3	6.4	1.6	35.7	0.5	36	9.4	8.3	1.1	0.5	40.8	3.2	229.5
PLDD0022	28	30	70.4	5.8	3.3	1.3	6.1	1.4	33.1	0.5	33.4	8.3	6.8	1	0.5	36.3	3.1	211.1
PLDD0022	30	32	65.1	5.5	3	1.2	6	1.5	30.5	0.4	30.8	7.9	6.6	0.9	0.4	35.2	2.9	197.8
PLDD0022	32	34	71.2	6	3.4	1.3	6.1	1.5	32.7	0.5	35	8.6	6.5	1	0.5	37.8	3.1	215.3
PLDD0022	34	36	67.4	5.4	3.3	1.3	5.6	1.5	31.9	0.4	31.7	8	6.1	1	0.5	33.9	3	200.8
PLDD0025	2	4	47	3.1	2.1	1	4	0.9	20.8	0.3	19.9	5.4	4.4	0.5	0.3	21.1	2.1	133
PLDD0025	4	6	60.4	4	2.6	1	4.3	1.1	27.7	0.4	25.2	6.6	4.8	0.7	0.4	28.2	2.9	170.2
PLDD0025	6	8	83.5	4.8	3.3	1.3	4.7	1.4	38.5	0.5	31	8.9	5.7	0.8	0.4	32.6	3.4	220.9
PLDD0025	8	10	125.3	6.1	3.8	1.8	7.6	1.7	62.5	0.5	47.4	14.2	8.8	1.1	0.5	38.6	3.7	323.6
PLDD0025	10	12	95.1	5.2	3.4	1.3	5.5	1.5	45.9	0.5	37.1	10.6	6.8	0.8	0.5	36.1	3.7	254.1
PLDD0025	12	14	116.5	5.2	3.5	1.5	5.6	1.4	53.1	0.5	41.9	13	7.1	0.8	0.5	33.1	3.6	287.4
PLDD0025	14	16	146.8	7.3	3.8	2.8	11.4	1.7	55.1	0.5	84.4	20.2	14.7	1.3	0.5	38.9	3.8	393.4
PLDD0025	16	18	134.5	6.9	3.7	2.5	9.7	1.9	48.8	0.5	70.9	17.4	13.5	1.3	0.6	40.6	3.9	356.7
PLDD0025	18	20	170.1	7.2	3.8	2.7	10.4	1.7	59.9	0.5	87.5	21.4	16.2	1.3	0.6	39.9	3.9	427.2
PLDD0025	20	22	106.6	7.3	4.2	2.4	8.9	1.9	42.5	0.5	61.7	14.1	12.8	1.3	0.7	46.4	4.5	315.7
PLDD0025	22	24	101.6	10.7	4.7	5.4	20.3	2.4	41	0.6	91.6	15.6	27.3	2.1	0.7	54.1	4.7	382.9
PLDD0025	24	26	86.4	10.4	5.6	3.7	15.1	2.6	38.6	0.8	55.9	11	18.2	1.9	0.8	62.5	5.5	318.9
PLDD0025	26	28	82.2	8.3	5.3	2	9.1	2.3	38.6	0.7	40.1	10.3	9.6	1.4	0.7	53.5	5.2	269.3

Hole ID	mFrom	mTo	CeO_2	Dy_2O_3	Er_2O_3	Eu_2O_3	Gd_2O_3	Ho_2O_3	La_2O_3	Lu_2O_3	Nd_2O_3	Pr_6O_{11}	Sm_2O_3	Tb_4O_7	Tm_2O_3	Y_2O_3	Yb_2O_3	TREO
PLDD0025	28	30	77.9	8.4	5.3	1.6	8.1	2.1	36	0.7	34.5	9.1	7.8	1.3	0.8	55.9	5.1	254.6
PLDD0025	30	32	77.3	8.8	5.4	1.9	9	2.3	36.2	0.8	35.2	9.3	8.2	1.4	0.8	53.2	5.3	255
PLDD0025	32	34	81.8	9.7	5.4	2.6	12	2.4	37.2	0.6	44.2	10.4	11.4	1.7	0.7	59.7	4.8	284.7
PLDD0025	34	36	81	7.6	4.8	1.9	9.1	2.1	37.6	0.6	36	9.6	7.9	1.3	0.7	48.1	4.4	252.8
PLDD0025	36	38	83.4	10.2	5.9	2.4	12	2.6	38.8	0.7	41.4	10.3	10.6	1.9	0.8	65.1	5.5	291.6
PLDD0025	38	40	77.5	7.7	4.4	2.1	10	1.9	37.3	0.6	36.5	9.3	8.6	1.4	0.6	52.6	3.9	254.5
PLDD0025	40	42	86.6	6.8	4	1.6	7.7	1.8	40.3	0.5	38.8	10.2	7.9	1.2	0.5	43.3	3.5	254.8
PLDD0025	42	44	70	6.3	3.6	1.4	6.2	1.6	33.3	0.5	31.3	8.5	6.5	1	0.6	37.3	3.5	211.7
PLDD0025	44	46	77.3	5.9	3.7	1.6	6.5	1.7	36.7	0.5	34.8	9.2	7.1	1	0.5	39.4	3.7	229.4
PLDD0025	46	48	79	5.9	3.8	1.4	6.8	1.6	36.9	0.5	36.4	9.5	7	1.1	0.5	38.4	3.6	232.4
PLDD0025	48	50	78.6	6.3	3.6	1.4	6.1	1.6	36.7	0.5	35.8	9.5	7.5	1.1	0.5	38.2	3.4	230.9
PLDD0030	0	2	79.8	5.8	3.6	1.6	7.3	1.6	36.5	0.5	41.4	9.6	8.9	1.1	0.5	39.6	3.2	241.2
PLDD0030	2	4	79.5	5.4	3.1	1.5	5.7	1.4	38.1	0.4	38.7	9.9	6.7	0.9	0.5	34.4	3.2	229.4
PLDD0030	4	6	72.7	5	3.3	1.1	5.7	1.3	34	0.5	31	8.5	6	0.8	0.5	33.8	3.4	207.5
PLDD0030	6	8	71.5	6.1	3.8	1.4	6.5	1.5	34	0.5	32.7	8.5	7	1	0.5	35.9	3.6	214.6
PLDD0030	8	10	72.8	6.6	4.2	1.5	7.1	1.6	33.3	0.6	33.2	8.4	7.3	1.1	0.5	40.4	3.9	222.5
PLDD0030	10	12	71.9	6.2	3.7	1.2	6.7	1.5	33.2	0.5	33.9	8.4	7.2	1	0.5	39.7	3.6	219.2
PLDD0030	12	14	70	5.4	3.4	1.3	6.2	1.4	32.3	0.4	32.3	8	6.3	1	0.4	35.9	3.2	207.4
PLDD0030	14	16	58.6	4.6	2.6	0.9	4.7	1.2	27	0.3	25.9	6.9	4.5	0.7	0.3	29.1	2.6	170.1
PLDD0030	16	18	67.8	5.5	3.1	1.3	5.6	1.3	31.5	0.4	31.7	8.3	6.2	0.8	0.5	32.9	3.1	200
PLDD0030	18	20	70.6	6	3.3	1.3	6.1	1.4	32.5	0.4	31.6	8.4	6.5	1	0.5	35.9	3.3	208.8
PLDD0030	20	22	64.2	4.8	3.1	1.2	5.7	1.2	29.8	0.4	28.9	7.6	6.2	0.8	0.4	30.6	3.1	188
PLDD0030	22	24	61.2	5.6	3.4	1.2	6.1	1.5	28.1	0.5	29.2	7.7	6.1	0.9	0.5	34.5	3.5	190
PLDD0030	24	26	68.9	5.5	3.5	1.2	6.2	1.4	31.5	0.5	31.8	8.1	6.1	0.9	0.5	35	3.3	204.5
PLDD0030	26	28	63.4	5.3	3.5	1.2	5.9	1.4	30.1	0.5	29.9	7.3	5.8	0.9	0.5	32.8	3.2	191.7
PLDD0030	28	30	68.7	5.7	3.6	1.3	6.6	1.4	31.4	0.5	32.5	8.1	6.6	1	0.5	36.3	3.3	207.5
PLDD0030	30	32	63.1	5.5	3.4	1.1	5.6	1.4	29.6	0.4	29.7	7.6	5.9	0.9	0.4	33.9	3.2	191.7
PLDD0030	32	34	70.3	6	3.3	1.2	6.3	1.5	32.6	0.5	32.2	8.3	6.6	1	0.5	36.6	3.5	210.2
PLDD0030	34	36	68.1	5.8	3.5	1.3	5.9	1.4	31.4	0.5	32.2	8.2	6.3	1	0.4	34.8	3.5	204.2
PLDD0047	0	2	59.5	4.5	2.7	1.1	5.1	1.2	27.9	0.3	28.2	7	5.1	0.7	0.4	27.6	2.7	173.9
PLDD0047	2	4	50.1	3.8	2.2	0.8	4	0.9	24.5	0.3	21.9	5.9	4.2	0.5	0.3	22.9	2.3	144.6

Hole ID	mFrom	mTo	CeO_2	Dy_2O_3	Er_2O_3	Eu_2O_3	Gd_2O_3	Ho_2O_3	La_2O_3	Lu_2O_3	Nd_2O_3	Pr_6O_{11}	Sm_2O_3	Tb_4O_7	Tm_2O_3	Y_2O_3	Yb_2O_3	TREO
PLDD0047	4	6	66.5	4.6	2.7	1.2	4.9	1.1	34.6	0.4	29.3	7.6	5.7	0.7	0.4	25.4	3.2	188.2
PLDD0047	6	8	71.9	5.4	3.6	1.2	5.5	1.4	37.1	0.5	32	8.6	6.1	0.9	0.5	31.7	3.6	209.8
PLDD0047	8	10	73.7	5.5	3.3	1.2	5.6	1.5	36.6	0.5	33.5	8.9	7.4	0.9	0.5	33.9	3.8	216.6
PLDD0047	10	12	94.6	5.7	3.3	1.5	7.3	1.3	42.1	0.4	45	11.6	9.1	1	0.5	33.1	3.6	260.4
PLDD0047	12	14	90.8	6.2	4	1.5	7.4	1.6	41.2	0.5	40.9	10.9	8.4	1.1	0.6	37.8	4	256.9
PLDD0047	14	16	64.4	4.8	3.3	1.1	4.6	1.3	31.5	0.5	27.9	7.7	5.4	0.8	0.5	31.2	3.6	188.6
PLDD0047	16	18	68.2	5.3	3.2	1.1	5.4	1.3	33.4	0.5	30.7	8	6	0.9	0.5	36.1	3.6	204.2
PLDD0047	18	20	92.6	6.1	4	1.5	7	1.6	42.8	0.5	42.7	11.1	7.5	1	0.6	39.1	3.9	262.1
PLDD0047	20	22	73.6	9.5	5	2.1	11.3	2.3	33.8	0.6	40.5	9.4	8.9	1.7	0.7	51.3	4.2	254.8
PLDD0047	22	24	75.2	8.1	4.9	1.6	8.7	2.2	35.4	0.6	33.8	8.9	7.8	1.4	0.7	57.8	4.6	251.5
PLDD0047	24	26	77.9	6.3	3.8	1.3	6.3	1.5	38	0.5	35.9	9.3	6.8	1	0.5	38.1	3.2	230.3
PLDD0047	26	28	71.4	5.6	3.4	1.5	6.1	1.3	33.3	0.4	33.4	8.7	7	0.9	0.5	32.1	3.2	208.7
PLDD0047	28	30	75.3	6	3.7	1.6	6.5	1.5	35.5	0.4	34.3	8.9	7	1.1	0.5	37.3	3.2	222.9
PLDD0047	30	32	70.4	5.5	3.4	1.3	6.2	1.4	32.7	0.4	32.3	8.4	5.9	0.9	0.4	34.4	3.2	207
PLDD0047	32	34	75.3	5.5	3.3	1.3	6.4	1.4	36.7	0.4	34.4	9.1	6.5	1	0.4	33.9	3.2	218.8
PLRC0026	0	2	58.7	4.5	2.9	1.1	4.7	1.1	27.9	0.4	26.4	7	5.3	0.8	0.4	27.3	2.7	171.3
PLRC0026	2	4	61.4	4.2	2.7	1.1	4.9	1.1	27.6	0.4	26.8	7	5.3	0.8	0.4	26.9	2.5	173
PLRC0026	4	6	69.8	5.5	3.4	1.3	5.5	1.3	34.1	0.5	30.1	8.2	5.9	0.9	0.4	32.8	3.1	202.7
PLRC0026	6	8	92.9	6	3.2	1.8	7.3	1.4	42.6	0.5	48.6	11.8	9.4	1	0.4	32.3	3.2	262.3
PLRC0026	8	10	101.3	5.8	3.5	1.7	7.1	1.4	47.4	0.5	48.6	12.6	9.8	1	0.5	34.5	3.3	279.2
PLRC0026	10	12	93.6	9.5	5.7	2.3	11	2.4	43.9	0.8	47.5	12.3	10.6	1.6	0.7	59.8	5	306.6
PLRC0026	12	14	87.8	10.1	6.1	2	10.7	2.6	41.4	0.8	45.4	11.5	9.6	1.6	0.9	65.9	5.7	302.4
PLRC0026	14	16	76.5	5.7	3.4	1.3	6.1	1.5	36.8	0.5	36.4	9.4	7.7	1	0.5	37.6	3.6	228.1
PLRC0026	16	18	77.4	8.1	4.9	1.7	8.6	2	37.9	0.7	37.2	9.8	8.2	1.4	0.7	51.2	4.5	254.4
PLRC0026	18	20	71.7	6.2	3.6	1.3	6.5	1.6	34.7	0.5	33.5	8.8	6.8	1	0.5	36.7	3.3	216.8
PLRC0026	20	22	79.2	6.7	4	1.7	6.6	1.6	39.5	0.5	37.2	9.8	7.6	1.1	0.6	41.7	3.6	241.5
PLRC0026	22	24	72	5.7	3.5	1.3	6	1.5	36.1	0.5	33.5	8.8	7.4	1	0.5	34.7	3.3	215.6
PLRC0026	24	26	74.2	6.3	3.9	1.5	6.5	1.7	35.7	0.5	33.4	9	6.7	1.1	0.5	38.6	3.5	223
PLRC0026	26	28	68.7	5.8	3.1	1.3	5.8	1.4	33.2	0.5	30.6	8.6	6.4	0.9	0.5	34.8	3.1	204.5
PLRC0026	28	30	70.8	5.8	3.6	1.3	6.3	1.5	33.9	0.5	32.7	8.8	6.9	1.1	0.5	36.4	3.4	213.5
PLRC0026	30	32	68.2	5.8	3.8	1.3	6.4	1.5	33.1	0.6	31.5	8.1	6.7	1	0.5	37.3	3.3	209.1

Hole ID	mFrom	mTo	CeO_2	Dy_2O_3	Er_2O_3	Eu_2O_3	Gd_2O_3	Ho_2O_3	La_2O_3	Lu_2O_3	Nd_2O_3	Pr_6O_{11}	Sm_2O_3	Tb_4O_7	Tm_2O_3	Y_2O_3	Yb_2O_3	TREO
PLRC0026	32	34	69.3	5.7	3.6	1.4	6.1	1.5	33.8	0.5	32.1	8.6	6.8	0.9	0.5	34.2	3.3	208.2
PLRC0026	34	36	67.9	5.1	3.3	1.1	5.5	1.4	33.5	0.4	32.1	8.4	6.4	0.9	0.4	32.6	2.9	202.1
PLRC0026	36	38	63.5	5.6	3.7	1.3	6.2	1.5	29.9	0.5	29.3	7.9	6.4	0.9	0.5	37.6	3.4	198.2
PLRC0026	38	40	66.9	5.9	3.6	1.3	6	1.5	31.8	0.5	30.9	8.2	6.8	1	0.5	37.5	3.4	205.9
PLRC0026	40	42	60.9	5.2	3.1	1.1	5.4	1.3	29.6	0.4	28.9	7.6	6.3	0.9	0.5	32.3	2.9	186.2
PLRC0026	42	44	67.3	5.5	3	1.2	5.6	1.3	33	0.4	31.6	8.1	6.5	1	0.5	32.1	2.7	199.8
PLRC0026	44	46	52.2	4.2	2.3	0.9	3.9	1	24.6	0.4	23.1	6.3	5	0.6	0.3	25.3	2.4	152.6
PLRC0042	2	4	87.1	6.3	3.8	1.5	6.8	1.7	41.4	0.5	38.8	10.3	8.4	1.1	0.5	37.6	3.4	249.3
PLRC0042	2	4	67.8	4.9	2.9	1.1	4.8	1.3	32.7	0.4	30.1	7.9	5.8	0.8	0.5	30.4	2.9	194.3
PLRC0042	4	6	90.9	6.8	3.9	1.6	7.3	1.7	44.1	0.5	40.6	10.7	8.3	1.1	0.6	38.5	3.5	260.1
PLRC0042	4	6	70.1	5.6	3.6	1.2	5.8	1.5	33.9	0.4	33.1	8.8	6.9	1	0.5	36.3	3.3	212.1
PLRC0042	6	8	89.1	6.8	3.7	1.6	7.1	1.7	42.7	0.5	41.2	10.6	9.1	1.1	0.5	38.2	3.4	257.3
PLRC0042	6	8	66.2	5.1	3.1	1.3	5.3	1.3	31.4	0.4	29.6	7.9	6.7	0.9	0.5	30	2.7	192.4
PLRC0042	8	10	89.6	6.9	4	1.5	7.5	1.7	43.2	0.5	39.7	10.8	8	1.1	0.6	39.6	3.5	258
PLRC0042	8	10	72	5.4	3.3	1.4	5.8	1.5	34.7	0.4	32.2	8.9	7.3	0.9	0.5	32.4	3	209.7
PLRC0042	10	12	79.2	6.2	3.7	1.4	6.4	1.6	38	0.5	35.1	9.4	7.9	1.1	0.5	35.6	3.2	229.8
PLRC0042	10	12	66.1	5.5	3.7	1.4	5.6	1.5	31.8	0.5	31.5	8.1	6.7	0.9	0.5	36.3	3.3	203.2
PLRC0042	12	14	79.7	8.2	4.1	2	8.8	2	36.7	0.5	37.4	9.6	8.2	1.3	0.6	41.3	3.4	243.9
PLRC0042	12	14	70.4	5.2	3.5	1.3	5.7	1.4	34.5	0.4	33.1	8.9	6.9	0.9	0.5	33.7	3	209.3
PLRC0042	14	16	81	6	3.7	1.6	6.9	1.5	37.9	0.5	35.9	9.5	7.4	1.1	0.5	36.4	3.2	233
PLRC0042	14	16	73.3	5.7	3.7	1.2	5.7	1.5	35.8	0.4	34.1	9	7.4	1	0.5	38.2	3.5	221
PLRC0042	16	18	75.9	7.4	4	1.6	7.5	1.7	35.1	0.5	35.7	9.2	7.7	1.2	0.5	42	3.7	233.7
PLRC0042	16	18	85.5	11.6	7.1	2.8	12.2	3.1	38.7	1	50.3	12	12.1	2	1	81.7	7	328
PLRC0042	18	20	72.1	6.7	4.2	1.5	6.8	1.7	33.2	0.6	34.1	8.6	7	1.1	0.5	41.1	3.6	222.9
PLRC0042	18	20	75.4	6.1	3.6	1.5	6.4	1.6	35.5	0.5	36.2	9.2	7.5	1.1	0.5	37.7	3.3	226.1
PLRC0045	0	2	63.1	4.5	2.8	1	5.1	1.1	30.7	0.4	28.5	7.7	5.9	0.8	0.4	27.7	2.5	182.1
PLRC0045	2	4	65.6	5.6	3.3	1.4	5.6	1.4	32	0.5	30.9	8.2	6.2	0.9	0.5	32.9	2.9	197.7
PLRC0045	4	6	66.7	5.9	3.4	1.3	6.1	1.4	32.7	0.5	30.8	8.2	6	0.9	0.5	33.9	3	201.3
PLRC0045	6	8	78.7	6	3.5	1.4	6.4	1.5	39.5	0.4	37.2	9.9	7.7	1	0.5	36.2	3.2	233.3
PLRC0045	8	10	73.5	5.6	3.1	1.5	6.4	1.4	37.2	0.4	35	9.4	7	1	0.4	33.1	2.8	217.8
PLRC0045	10	12	55	4.6	2.4	1	4.8	1.1	27.2	0.3	25.5	6.9	4.8	0.8	0.4	26.3	2.5	163.7

Hole ID	mFrom	mTo	CeO_2	Dy_2O_3	Er_2O_3	Eu_2O_3	Gd_2O_3	Ho_2O_3	La_2O_3	Lu_2O_3	Nd_2O_3	Pr_6O_{11}	Sm_2O_3	Tb_4O_7	Tm_2O_3	Y_2O_3	Yb_2O_3	TREO
PLRC0045	12	14	72.6	5.6	3.3	1.3	6.3	1.4	36.6	0.5	34.2	9.1	7.1	0.9	0.5	34.8	3.2	217.4
PLRC0045	14	16	67.8	5.9	3.7	1.4	6.4	1.5	33.2	0.5	32.4	8.8	6.8	1	0.5	36.4	3.5	210
PLRC0045	16	18	65.5	5.3	3.1	1.1	5.8	1.4	32.4	0.4	31.1	8.2	6.9	0.9	0.4	31.4	3	196.9
PLRC0045	18	20	70.5	5.7	3.3	1.4	6	1.5	35.1	0.5	33	8.8	6.4	0.9	0.5	33.7	3	210.2
PLRC0045	20	22	70.3	5.8	3.3	1.2	6	1.5	35.2	0.5	33	8.7	6.9	0.9	0.5	35.3	3	212.1
PLRC0045	22	24	64.7	6	3.4	1.5	5.9	1.5	32.1	0.5	29.5	7.8	6.6	1	0.4	35.8	3.2	199.9
PLRC0045	24	26	65	6	3.8	1.3	5.8	1.6	32	0.5	31	8.1	6.3	0.9	0.5	37.1	3.3	203.2
PLRC0049	0	2	58.3	4.4	2.5	1.1	4.7	1.2	27.2	0.4	26.4	6.8	5.3	0.7	0.4	28.3	2.6	170.3
PLRC0049	2	4	65.7	5.5	3.4	1.5	6	1.5	30.3	0.5	30.3	7.6	6.6	1	0.5	38.1	3.3	201.5
PLRC0049	4	6	61.8	4.2	2.6	1	4.7	1.1	29.1	0.4	28.3	7.5	5.5	0.7	0.4	29.3	2.5	179.3
PLRC0049	6	8	71.4	5.9	3.7	1.3	6.2	1.6	32.6	0.4	32.8	8.3	6.7	1	0.5	38.7	3.3	214.4
PLRC0049	8	10	66.6	5	3.1	1.2	5.2	1.4	29.4	0.4	29.6	7.6	6.1	0.8	0.5	34.5	3	194.5
PLRC0049	10	12	65.1	5.2	3.2	1.2	5	1.3	29.2	0.4	28.7	7.5	5.9	0.9	0.4	34.9	3.1	192.1
PLRC0052	2	4	53.3	3.8	2.6	0.8	4.2	1	22.5	0.3	21.7	5.9	4.6	0.7	0.4	25.7	2.3	149.8
PLRC0052	22	24	71.2	5.8	3.4	1.5	6.5	1.5	33.8	0.4	32.7	8.7	6.6	0.9	0.5	35.7	3	212.2
PLRC0052	24	26	67.9	5.7	3.8	1.4	6.2	1.6	31.5	0.5	30.4	8.2	5.9	1	0.5	39.1	3.3	206.9
PLRC0052	26	28	69.8	5.4	3.4	1.4	5.9	1.4	33.1	0.4	31.8	8.5	6.2	0.9	0.5	33.9	2.8	205.3
PLRC0052	28	30	71.6	5.4	3.5	1.3	5.9	1.3	34.4	0.4	32.1	8.7	7	0.9	0.5	33.5	2.8	209.3
PLRC0053	0	2	78.6	6	3.7	1.4	5.7	1.6	40	0.5	31.4	9	6.3	1	0.5	37	3.7	226.4
PLRC0053	2	4	74.9	6.5	4.2	1.4	6.3	1.7	40.6	0.6	32.7	9.5	6.8	1.1	0.7	38.1	3.8	228.8
PLRC0053	4	6	127.8	7.1	4	1.8	7.7	1.8	79.4	0.6	53	16.6	9.8	1.2	0.6	38.7	3.9	353.7
PLRC0053	6	8	210.7	7.3	4.1	1.9	8.1	2	80.8	0.6	57.2	17.7	10	1.3	0.6	41.7	4.1	447.9
PLRC0053	8	10	208.2	7	4	1.9	8.6	1.9	113.3	0.6	77	26.2	10.9	1.3	0.6	39.7	3.8	505.1
PLRC0053	28	30	367.3	48.1	27.4	12.4	65.4	12.5	147.2	3.3	264.8	59.2	59.5	9	3.7	360.7	22.1	1462.5
PLRC0053	30	32	189.8	39.3	20.5	12.6	53.7	9.5	132.5	2.7	258.9	58.8	60.2	7.5	3	223.5	17.9	1090.4
PLRC0053	32	34	145	82.2	43.9	24.9	134.9	20.6	280.3	5.1	440.9	90.3	103.8	16.3	5.7	534.6	30.7	1959.2
PLRC0053	34	36	117.8	13.9	7.9	3.6	19.2	3.7	61.9	1	75.2	17.5	16.2	2.5	1.1	93.1	6.3	440.9
PLRC0053	36	38	112.3	8.4	4.9	2.2	10	2.4	52.5	0.6	51.4	13.6	10.3	1.5	0.7	53	4.4	328.2
PLRC0053	38	40	113	8.4	4.7	2.1	9.2	2.1	52.7	0.6	50.3	13.6	10.1	1.4	0.7	51.4	4.7	325.1
PLRC0053	40	42	104	7.6	4.7	1.9	7.9	2	47.7	0.6	44.8	12.1	9.3	1.3	0.7	45	4.3	293.8
PLRC0053	42	44	84.6	6.2	3.7	1.4	6.4	1.6	39.3	0.5	37.2	9.9	7.3	1	0.5	37.2	3.5	240.3

Hole ID	mFrom	mTo	CeO_2	Dy_2O_3	Er_2O_3	Eu_2O_3	Gd_2O_3	Ho_2O_3	La_2O_3	Lu_2O_3	Nd_2O_3	Pr_6O_{11}	Sm_2O_3	Tb_4O_7	Tm_2O_3	Y_2O_3	Yb_2O_3	TREO
PLRC0053	44	46	80.5	6	3.5	1.5	6.3	1.6	38	0.5	35.2	9.3	7	1.1	0.5	36.8	3.5	231.3
PLRC0053	46	48	83.7	6.1	3.4	1.5	6.2	1.5	39.1	0.5	36.9	10	7.7	1	0.5	38	3.4	239.2
PLRC0053	48	50	83.9	6.2	3.6	1.5	6.7	1.6	38.8	0.5	36.3	9.9	7.1	1	0.5	39	3.5	240.3
PLRC0054	0	2	98.5	6.2	3.5	1.7	6.7	1.6	45.9	0.4	42.8	11.4	8.3	1.1	0.5	37.2	3.1	268.7
PLRC0054	2	4	98.6	6.1	3.2	1.7	6.7	1.6	45.9	0.5	44.2	11.4	8.1	1	0.5	36.2	3.1	268.8
PLRC0054	4	6	102.9	6.3	3.7	1.6	7	1.7	48.2	0.4	45.8	11.7	9.1	1.1	0.5	39.1	3.3	282.5
PLRC0054	6	8	92.9	6	3.3	1.4	6.5	1.4	41.8	0.4	39.5	10.6	7.4	1	0.5	34.4	3	250.2
PLRC0054	8	10	100	6.1	3.5	1.4	7.4	1.6	46.8	0.5	45.1	12	8.3	1.1	0.6	37.6	3.3	275.2
PLRC0054	10	12	94.6	6.5	3.8	1.6	6.7	1.6	42.7	0.5	44	10.9	8.1	1.1	0.5	39.7	3.3	265.7
PLRC0054	12	14	96.9	7	3.7	1.6	7.6	1.8	42.9	0.6	44.7	11.2	9.4	1.2	0.5	41	3.6	273.7
PLRC0054	14	16	97.4	7	3.8	1.6	7.5	1.8	44.1	0.5	45.4	11.6	8.6	1.2	0.6	42.8	3.5	277.4
PLRC0054	16	18	88.9	6.5	3.3	1.5	6.8	1.5	40.8	0.5	42.7	10.1	8.6	1.1	0.5	38.4	3.2	254.5
PLRC0054	18	20	87.1	6.2	3.2	1.5	6.4	1.5	39.4	0.5	39	10.2	7.4	0.9	0.5	36.8	2.8	243.4
PLRC0055	2	4	150.5	6.8	3.7	1.9	7.9	1.6	67.8	0.5	63.8	16.6	11.5	1.2	0.6	40.5	3.4	378.2
PLRC0055	4	6	115.7	7.2	4.2	1.7	7.7	1.8	52.9	0.6	48.8	12.8	9.4	1.2	0.6	47.4	4.4	316.3
PLRC0055	6	8	113.6	6.3	4.1	1.8	7.8	1.7	50.9	0.6	52.8	13	10.4	1.2	0.5	43.4	3.9	312
PLRC0055	8	10	112	7.1	4.1	2.1	7.9	1.9	50.4	0.7	51.1	13	10.5	1.2	0.6	48.3	4.2	315.2
PLRC0055	10	12	104.5	6.6	4.2	1.6	7.3	1.7	46.9	0.6	46.9	12	8.7	1.2	0.5	44.1	4.2	291.2
PLRC0055	12	14	109.3	6.9	4.4	1.6	7.4	1.9	49.6	0.6	48.2	12.3	9.5	1.2	0.6	47.6	4.3	305.2
PLRC0055	14	16	107.5	6.6	4	1.8	7.1	1.8	48	0.6	48.5	12.7	10.3	1.1	0.6	43.8	4.2	298.7
PLRC0055	16	18	120.8	6.7	4.2	1.9	8.3	1.8	54.1	0.6	56.6	14	11.9	1.2	0.6	45.5	4.4	332.4
PLRC0055	18	20	95	7.3	4.8	1.5	6.9	1.9	44.9	0.6	41.3	11.2	8	1.2	0.7	49.9	4.9	280.2
PLRC0055	20	22	104.2	7.5	4.4	1.8	8	2	48.1	0.7	48.8	12.4	10.2	1.2	0.7	52.7	4.4	307.1
PLRC0055	22	24	103.4	8.9	5.3	2	9	2.4	45.6	0.8	46.2	11.7	9.4	1.5	0.8	57.5	5.6	310.2
PLRC0055	24	26	163.4	21.2	12.4	6.4	29.3	5.7	65.1	1.9	102.3	21.4	26.9	4.2	1.8	141.6	12.1	615.5
PLRC0055	26	28	96.1	11.9	7	2	12.4	3	43.5	1	41.9	10.9	9.4	2.1	1	84.1	6.5	332.9
PLRC0055	28	30	92.6	6.7	4.3	1.6	7.2	1.8	42.7	0.6	40.4	10.8	8.4	1.2	0.7	46.6	4.3	269.9
PLRC0055	30	32	96.6	7.4	4.3	1.7	7.9	2	43.9	0.6	43.3	11.1	9.2	1.2	0.6	51.3	4.5	285.5
PLRC0055	32	34	100	8	4.7	1.9	8.5	2	45.6	0.7	44.8	11.6	9.6	1.4	0.7	54.5	4.8	298.7
PLRC0055	34	36	101.6	8	4.8	1.8	8.4	2.1	46.7	0.7	47.4	11.7	10	1.4	0.7	56.4	4.4	305.9
PLRC0055	52	54	93.4	10.1	5.5	2.3	11.4	2.5	44	0.7	45.3	10.9	10.6	1.7	0.8	59.6	4.9	303.6

Hole ID	mFrom	mTo	CeO_2	Dy_2O_3	Er_2O_3	Eu_2O_3	Gd_2O_3	Ho_2O_3	La_2O_3	Lu_2O_3	Nd_2O_3	Pr_6O_{11}	Sm_2O_3	Tb_4O_7	Tm_2O_3	Y_2O_3	Yb_2O_3	TREO
PLRC0055	54	56	87.1	9.5	5.2	1.9	10.9	2.5	40.8	0.7	41.3	10.6	9	1.7	0.7	63.5	4.5	289.9
PLRC0055	56	58	107.6	7.8	4.6	1.8	9.1	2.1	48.9	0.6	49.6	12.2	9.7	1.4	0.7	53	4.2	313.2
PLRC0055	58	60	95.4	7.5	3.9	1.6	7.5	1.9	44.6	0.6	44.1	11.3	8.1	1.2	0.6	47	3.5	278.6
PLRC0056	0	2	211.9	5.7	3.6	1.8	6.4	1.5	101.3	0.5	91.1	28.6	12.1	1	0.5	35.6	3.2	504.9
PLRC0056	2	4	293.6	5.3	3.3	2.7	8.3	1.3	155.4	0.4	133.6	41.1	18.3	1	0.5	28.7	2.9	696.3
PLRC0056	4	6	93.2	5.9	3.3	1.9	7.5	1.3	51.7	0.4	50.9	12.9	9.7	1.1	0.4	31.4	2.9	274.5
PLRC0056	6	8	48	7.8	4.7	1.3	6.7	2.1	19.7	0.7	20.1	5.1	5.7	1.2	0.7	47.1	4.4	175.5
PLRC0056	36	38	109.6	7.7	5	1.9	9	2.1	48.8	0.6	46.7	12.7	9.4	1.4	0.7	50.3	4.3	310.1
PLRC0056	38	40	105.4	8	4.7	1.9	8.6	2.1	48.8	0.7	46.3	12.4	9	1.3	0.7	50.5	4.3	304.8
PLRC0056	40	42	87.8	7.1	4.4	1.6	7.5	1.9	41.2	0.6	38.3	10.5	8	1.2	0.6	45	3.7	259.3
PLRC0056	42	44	88.1	6.7	3.8	1.5	7.1	1.7	39.4	0.5	36.9	9.9	7.4	1.1	0.6	39.2	3.5	247.4
PLRC0056	44	46	93.7	6.6	3.9	1.6	6.9	1.6	39.8	0.5	38.4	10.3	7.9	1.1	0.5	39.6	3.5	256
PLRC0056	46	48	82.3	5.9	3.8	1.4	6.9	1.6	39.2	0.5	37	10	7.3	1.1	0.5	36.3	3.2	236.9
PLRC0056	48	50	85.9	6.6	3.9	1.5	7	1.7	39.6	0.6	37.9	10	7.4	1.1	0.5	40.8	3.5	248
PLRC0056	50	52	88.1	6.6	4	1.5	7.1	1.7	40	0.5	37.7	10.5	7.4	1.1	0.6	39.5	3.4	249.6
PLRC0056	52	54	84.5	6.3	3.5	1.4	7.1	1.6	38.2	0.5	36	10.1	7.3	1	0.5	38.4	3.6	240
PLRC0056	54	56	84.5	6.2	3.7	1.4	6.8	1.5	38.9	0.5	36.4	9.8	7.1	1	0.5	37.5	3.2	238.9
PLRC0056	56	58	90.7	6.1	3.7	1.5	6.4	1.5	38.9	0.5	36.9	10.2	7.1	1.1	0.5	39	3.2	247.2
PLRC0056	58	60	89.2	6.5	3.7	1.5	6.7	1.7	40.1	0.5	37.3	10.1	7.8	1	0.6	39.1	3.4	249.2
PLRC0057	2	4	58.2	4.3	2.7	1	4.7	1.1	26.3	0.4	25.3	6.7	4.9	0.8	0.4	28.1	2.5	167.4
PLRC0057	4	6	61.2	4.5	2.4	1	5.2	1.1	29	0.4	28.2	7.4	5.4	0.7	0.3	26.8	2.5	176.1
PLRC0057	6	8	106.1	6	3.1	1.8	7.7	1.4	48.9	0.4	55.6	13.6	10.5	1.1	0.4	31.4	2.9	290.9
PLRC0057	8	10	86.5	5.4	3.3	1.5	6.1	1.4	41	0.5	40.7	10.7	7.4	1	0.5	33.1	3	242.2
PLRC0057	10	12	89.6	4.9	2.6	1.3	5.1	1.1	43.6	0.4	38.1	10.8	7.6	0.8	0.4	28.4	2.6	237.5
PLRC0057	12	14	72.1	5.1	3.3	1	4.8	1.3	36.5	0.4	32.1	8.6	6.5	0.8	0.5	30.5	2.9	206.3
PLRC0057	14	16	45.3	4	2.6	0.9	3.5	1.1	22.3	0.4	20.3	5.6	4.1	0.6	0.4	25.9	2.7	139.6
PLRC0057	16	18	57.5	4.9	3	1	5	1.3	28.5	0.5	27.4	7.2	5.7	0.8	0.5	28.7	3.2	175.1
PLRC0057	18	20	160.9	19.1	11.8	3.7	19.4	5	78.9	1.6	69.1	19.5	14.7	3.2	1.6	128.3	10.8	547.5
PLRC0057	20	22	168.3	61.4	38.7	9.4	57.5	16.2	63.4	5.8	113.1	25.6	34.8	10.2	5.5	441.9	35.9	1087.7
PLRC0057	22	24	87.3	28.6	17.3	4.3	27.8	7.4	40.5	2.5	52.4	11.7	16.4	4.7	2.5	208.9	15.9	528.2
PLRC0057	24	26	76.9	6.7	4	1.5	7.2	1.7	37.6	0.5	37.2	9.6	7.6	1.1	0.5	41	3.2	236.4

Hole ID	mFrom	mTo	CeO_2	Dy_2O_3	Er_2O_3	Eu_2O_3	Gd_2O_3	Ho_2O_3	La_2O_3	Lu_2O_3	Nd_2O_3	Pr_6O_{11}	Sm_2O_3	Tb_4O_7	Tm_2O_3	Y_2O_3	Yb_2O_3	TREO
PLRC0057	26	28	73.6	5.8	3.5	1.4	6.4	1.4	35.4	0.5	35.2	9.1	7	1	0.5	36.1	3.1	219.9
PLRC0057	28	30	72.6	5.8	3.2	1.5	6.1	1.4	35.1	0.5	33.9	9.1	7.3	1	0.5	34.5	3	215.4
PLRC0057	30	32	74.1	5.9	3.4	1.4	6.5	1.4	36.2	0.5	34.9	9.2	7.3	1	0.5	35	2.9	220.3
PLRC0057	32	34	68.8	6.1	3.3	1.3	5.9	1.5	33.4	0.5	33.7	8.6	7.2	1	0.5	36.6	3.2	211.6
PLRC0057	34	36	67.6	5	2.8	1.3	5.4	1.3	33.1	0.4	31.5	8.2	6.7	0.8	0.4	29.7	2.7	197
PLRC0057	36	38	67.6	5.1	3	1.4	5.8	1.3	33	0.4	31.8	8.2	6.6	0.9	0.4	30.4	2.9	198.9
PLRC0057	38	40	68.8	5.7	3.3	1.3	6.2	1.5	33.1	0.5	32	8.3	6.3	1	0.4	35.2	3	206.5
PLRC0057	40	42	70.3	5.7	3.2	1.3	6.1	1.5	34.8	0.5	32.9	8.7	6.5	0.9	0.4	32.5	3.1	208.4
PLRC0057	42	44	72.1	6.2	3.8	1.4	6	1.5	35.7	0.5	33.2	8.8	6.4	1	0.5	35.8	3.1	215.9
PLRC0057	44	46	69.5	5.1	3.1	1.3	5.7	1.3	33.9	0.4	32.3	8.5	6.7	0.9	0.4	31.4	2.7	203.3
PLRC0057	46	48	69	5.7	3.3	1.2	5.6	1.5	33.7	0.5	32.3	8.4	6.7	1	0.5	34	3.1	206.6
PLRC0057	48	50	58.6	5.6	3.5	1.2	5.3	1.4	28.1	0.5	27.6	7.3	5.8	0.9	0.5	34.4	3.2	183.8
PLRC0057	50	52	67.2	5.9	3.5	1.3	6.2	1.5	33.4	0.5	32.7	8.6	6.6	1	0.5	37.2	3	209.1
PLRC0057	52	54	62.4	5.4	3.2	1.3	5.6	1.4	30.8	0.5	28.9	7.7	6.1	0.9	0.5	32.1	3	189.8
PLRC0059	36	38	175	11.5	5.9	4	16.1	2.6	100.2	0.8	102.5	28.6	21.7	2.4	0.8	57.8	5.4	535.3
PLRC0059	38	40	143.7	15	8	4.2	17.7	3.8	110	1	100.7	28.3	21.9	3	1	87	6.6	551.8
PLRC0059	40	42	108.6	10.8	5.6	2.9	12.5	2.4	84.1	0.7	75.3	21.9	16.1	1.9	0.7	54.9	5	403.3
RRRC0229	2	4	89.2	4.9	3	1.3	6	1.3	42	0.5	38	10.2	7.4	0.9	0.5	30.9	3.4	239.3
RRRC0229	4	6	91.3	5.6	3.5	1.4	6.1	1.4	44	0.4	40	10.7	7.2	1	0.5	34.7	3.5	251.2
RRRC0229	6	8	80.1	7.4	4.2	1.5	7	1.8	37.8	0.5	35	9.3	7.2	1.2	0.5	44.3	3.8	241.7
RRRC0229	8	10	84.6	6.6	3.9	1.4	6.8	1.7	40.3	0.5	37.8	9.9	8	1.1	0.5	41.4	3.6	248.2
RRRC0229	10	12	99.3	7.4	4.1	1.7	7.5	1.9	44.9	0.5	41.2	11.1	8.8	1.3	0.6	42.2	3.9	276.5
RRRC0229	12	14	87.6	6.8	3.8	1.5	7.2	1.7	40.8	0.5	38.7	10.3	7.8	1.2	0.5	39	3.8	251.2
RRRC0229	14	16	92.4	6.9	3.9	1.6	7.3	1.7	44	0.5	39.8	10.9	8.2	1.2	0.5	40	3.6	262.4
RRRC0229	16	18	89.9	7	4.1	1.6	7.6	1.7	42	0.5	40.4	10.4	8	1.2	0.6	41.1	3.8	259.9
RRRC0229	18	20	104.5	8	4.9	2	8.9	2	49.7	0.6	47.4	12.3	9.5	1.4	0.6	45.7	4.1	301.5
RRRC0229	20	22	103.3	8.3	5	1.8	8.5	2.1	49.6	0.6	46.9	12.3	9.6	1.4	0.7	49.7	4.4	304.2
RRRC0229	22	24	101	8.1	4.7	1.7	8.2	2	48.8	0.7	43.6	11.6	8.7	1.2	0.6	48.5	4.2	293.7
RRRC0229	24	26	106	7.5	4.5	1.7	8.7	1.9	50.2	0.6	47.1	12.3	9.4	1.3	0.7	47.4	4.3	303.8
RRRC0229	26	28	104.3	8.4	5	1.9	9.2	2.2	49.5	0.7	47.7	12.3	10.2	1.4	0.7	52.2	4.6	310.3
RRRC0229	28	30	105.3	8.1	4.8	1.8	8.3	2.1	49.4	0.6	47.2	12.5	9.5	1.4	0.6	49.8	4.4	305.8

Hole ID	mFrom	mTo	CeO_2	Dy_2O_3	Er_2O_3	Eu_2O_3	Gd_2O_3	Ho_2O_3	La_2O_3	Lu_2O_3	Nd_2O_3	Pr_6O_{11}	Sm_2O_3	Tb_4O_7	Tm_2O_3	Y_2O_3	Yb_2O_3	TREO
RRRC0229	30	32	106.6	8.4	4.8	1.6	8.1	2	50.5	0.7	46	12.3	8.6	1.4	0.7	48.3	4.3	304.2
RRRC0229	32	34	98.9	7.9	4.8	1.6	8.3	1.9	46.2	0.7	43.2	11.1	9.1	1.4	0.6	48	4.2	288
RRRC0229	34	36	89.7	7.6	4.3	1.6	7.7	1.8	43.3	0.6	40.1	10.4	8.7	1.2	0.6	45.3	4.1	267.1
RRRC0229	36	38	72.5	5.1	3	1.3	5.7	1.3	34.7	0.4	32.4	8.3	6.1	0.9	0.4	30.2	2.7	205.2
RRRC0229	38	40	108.6	8.2	5	1.9	8.6	2.1	50.8	0.6	48.4	12.5	10.1	1.2	0.7	48.3	4.3	311.2
RRRC0229	40	42	105.9	7.8	4.8	1.8	8.5	2.1	49.3	0.6	46.1	12.4	9.8	1.4	0.7	47.5	4.6	303.3
RRRC0229	42	44	82.4	6.3	3.9	1.5	7.1	1.8	39.3	0.5	37.3	9.8	7.1	1.2	0.6	41.7	3.9	244.3
RRRC0229	44	46	87	6	3.8	1.4	6.8	1.7	36.9	0.5	36.2	9.5	7.1	1	0.5	36.4	3.6	238.4
RRRC0229	48	50	87.2	6.5	3.9	1.5	7	1.7	39.9	0.6	36.4	10.2	8.2	1.1	0.6	42.5	4	251.3
RRRC0229	50	52	96.9	7	4.3	1.7	7.5	1.8	44.4	0.6	42.5	11.5	7.5	1.2	0.6	41.5	4.2	273.2
RRRC0229	52	54	96.7	7.1	4.3	1.5	7.8	1.9	44.3	0.6	42.9	11.4	8.6	1.2	0.7	44.3	4.1	277.4
RRRC0229	54	56	100.5	6.4	3.6	1.5	7.2	1.7	47.1	0.5	43.5	11.4	7.9	1.1	0.6	38.2	3.5	274.9
RRRC0229	56	58	88.2	5.8	3.2	1.5	7	1.7	41.5	0.5	38.6	10.4	7.6	1.1	0.5	34.9	3.6	246.1
RRRC0229	58	60	87.8	6.1	3.6	1.6	7	1.7	40.9	0.5	39.1	10.5	8.1	1	0.6	37.6	3.6	249.7
RRRC0229	60	62	85.6	6.4	3.5	1.5	7.2	1.6	39.5	0.5	38.1	10.4	7.4	1	0.5	36.4	3.3	243.1

Hole ID	mFrom	mTo	Ba	Cr	Cs	Ga	Hf	Nb	Rb	Sc	Sn	Sr	Ta	Th	Ti	U	V	W	Zr
PLDD0009	0	2	458	79	8.8	15.2	5.4	11.9	143	13.8	3.1	91.2	1	12.2	0.5	3.5	108	2.7	203
PLDD0009	2	4	416	75	7.8	14.9	5.4	11.2	134	13.8	3.5	54.9	0.9	11.9	0.5	3.4	98	2.2	195
PLDD0009	4	6	516	75	10.5	15.2	5.6	11.9	153.5	14.4	2.9	159.5	1	12.2	0.5	2.5	107	2.6	214
PLDD0009	6	8	395	73	9.3	14.4	4.9	9.7	137.5	13.2	2.6	101.5	0.8	11.2	0.5	2.5	114	2.3	181
PLDD0009	8	10	382	83	7.7	15.6	5.1	12.3	136.5	15.2	2.7	86.5	0.9	11.7	0.5	1.7	104	2.5	196
PLDD0010	2	4	358	76	5	14.6	4.5	11.3	115.5	14	2.8	62.8	0.9	11.3	0.5	2.9	114	2.3	166
PLDD0010	4	6	343	74	4.8	14	4.1	10.7	112	14.4	2.5	67	0.9	10.8	0.5	1.6	102	1.9	149
PLDD0010	6	8	276	65	3.6	12.4	4.3	9.2	85.5	13.4	2.2	70	0.7	9.8	0.4	2	95	1.8	158
PLDD0010	8	10	312	67	3.6	12.4	3.9	9.7	97.1	13.3	2.6	74.3	0.8	10	0.4	1.6	91	2	148
PLDD0010	10	12	330	72	5	13.2	4.4	10.2	96.4	12.5	3.1	67	0.8	10.5	0.5	1.9	104	2	159
PLDD0010	12	14	338	72	4.2	13.8	4.5	10.2	103.5	13	2.3	83.1	0.8	10.3	0.5	1.5	98	2	166
PLDD0010	14	16	342	69	5	14.1	5	10.4	109.5	13.3	2.9	85.2	0.8	10.7	0.5	1.5	96	2.1	182
PLDD0010	16	18	388	81	3.8	14.4	4.7	11.1	109	15.8	2.9	57	0.9	11.4	0.5	1.6	108	2.5	170
PLDD0010	18	20	314	75	3.2	12.8	5.1	9	90.5	11.6	2.4	40.6	0.8	10.8	0.5	2	104	3.1	184
PLDD0010	20	22	274	71	3.2	14.2	4.3	10.5	86.8	15.6	2.7	59.5	0.8	10.5	0.5	2.5	103	2	156
PLDD0010	22	24	260	67	2.8	12.3	3.6	9.4	80.4	13.2	2.3	73.1	0.8	9.5	0.4	1.4	101	1.9	138
PLDD0010	24	26	310	65	3.5	13.7	4.2	10.1	98.5	11.6	2.5	74.3	0.8	10.6	0.5	1.3	85	2.3	153
PLDD0010	26	28	308	71	3.6	14.6	4.6	10.6	103	13.4	2.8	91.3	0.9	11.4	0.5	1.5	96	2.2	169
PLDD0010	28	30	384	81	5.6	16	5.4	12.2	128	16.1	2.9	52	1	12.5	0.6	1.8	110	2.3	191
PLDD0010	30	32	361	83	6	16.1	4.5	11.7	132	15.4	3	53.3	0.9	11.8	0.6	1.9	116	2.5	177
PLDD0010	32	34	356	78	6.9	15.2	4.7	11	136	15.3	2.8	50.7	0.9	11.4	0.5	1.9	111	2.3	167
PLDD0010	34	36	354	74	7	14.8	5	11	136.5	14.2	3	42.6	0.9	11.8	0.5	1.8	108	1.8	177
PLDD0010	36	38	338	72	6.4	15.5	4.8	11.3	132	14.4	3	42.5	0.9	11.8	0.5	1.7	107	2.2	184
PLDD0010	38	40	342	82	5.7	15.2	4.8	10.8	129	13.6	3	70.2	0.9	11.7	0.5	1.5	108	2.2	167
PLDD0019	0	2	375	75	4.1	12.7	4.2	10.8	80.2	11	2.9	196.5	0.9	10.2	0.5	6.2	122	2.1	163
PLDD0019	2	4	339	74	7.4	12.3	3.9	8.6	108.5	13.8	2.4	235	0.8	9.6	0.4	2.4	115	2	147
PLDD0019	4	6	465	81	7.4	13.3	4	11.9	127.5	16	2.8	182.5	1	11.4	0.5	3.1	108	1.9	160
PLDD0019	6	8	484	84	3.6	14.2	3.9	11.3	115.5	17.2	2.8	87.2	0.9	11.2	0.5	2.2	114	2.5	145
PLDD0019	8	10	441	82	4.7	14	4.2	11.9	108	14.6	2.9	40.2	0.9	11.3	0.5	1.7	108	2.1	164
PLDD0019	10	12	515	88	5.4	15	4.5	11.9	121.5	17.2	2.9	45.4	1	12.3	0.5	1.8	115	2.6	165
PLDD0019	12	14	431	72	3.8	12.7	4	10.3	95	14.4	2.4	47.9	0.8	10.4	0.5	1.8	103	1.9	145

Hole ID	mFrom	mTo	Ba	Cr	Cs	Ga	Hf	Nb	Rb	Sc	Sn	Sr	Ta	Th	Ti	U	V	W	Zr
PLDD0019	14	16	397	76	4.9	12.6	3.7	10.7	109.5	14.1	2.5	48.4	0.8	10.1	0.5	1.9	102	2.1	139
PLDD0022	2	4	321	75	6.9	12.8	3.4	9.1	113	13.7	2.4	88.1	0.8	10.2	0.5	1.3	110	1.7	135
PLDD0022	4	6	297	67	6.7	12.4	4	10.3	100	12.6	2.8	67.2	0.8	10.1	0.5	1.3	103	1.9	157
PLDD0022	6	8	363	72	7.2	14.5	4.1	11.5	118.5	13.9	2.9	56.5	0.9	11	0.5	1.4	109	2	159
PLDD0022	8	10	353	73	5.8	14.3	4.3	10.3	106.5	15.6	3.1	52.3	0.9	10.9	0.5	1.7	113	2.2	166
PLDD0022	10	12	416	73	11.3	14.9	4	12.1	141	16.1	3.1	64.9	1	11.6	0.5	2.1	117	2.5	154
PLDD0022	12	14	382	74	8.5	13.5	3.9	11.3	129	14.8	3.1	63.9	0.8	10.5	0.5	1.8	108	2.2	141
PLDD0022	14	16	292	64	5.8	12.9	3.8	9	89.9	12.7	2.9	57.5	0.8	10.1	0.4	1.7	107	1.7	142
PLDD0022	16	18	285	66	6.5	12.3	3.7	10.1	98.4	14	2.7	86.7	0.7	10.4	0.4	1.2	103	2.2	142
PLDD0022	18	20	225	66	5.1	11	3	8.8	82.4	12	1.7	80.6	0.7	9	0.4	1.1	98	1.7	113
PLDD0022	20	22	182	58	3.1	10.2	3.2	7.5	59.7	11.8	2.2	91	0.7	8.2	0.4	0.9	96	1.8	117
PLDD0022	22	24	422	71	6.5	14.2	3.8	11	120	14.3	2.6	62.8	0.8	10.8	0.5	1.3	103	2.4	146
PLDD0022	24	26	469	71	8.2	14.6	3.9	10.6	111.5	14.4	3.3	65.7	0.9	10.7	0.5	1.7	105	2.1	153
PLDD0022	26	28	517	77	11.2	15.4	4.3	12	133	15.6	3.5	59.1	0.9	11.8	0.5	2.6	115	2.5	159
PLDD0022	28	30	348	69	7	13.2	3.6	10.7	105.5	15.7	2.5	73.8	0.8	10.6	0.5	1.6	110	2	140
PLDD0022	30	32	310	67	6	12	3.3	9.8	100.5	12.6	2.6	90	0.7	9.6	0.4	1.1	94	2.3	130
PLDD0022	32	34	296	69	5	11.8	3.6	8.5	86.6	11.8	2.4	105	0.7	9.8	0.4	1	99	1.9	136
PLDD0022	34	36	307	67	5.3	12.9	3.7	8.9	96.8	14.2	3	92.4	0.9	10.3	0.5	1	107	2	140
PLDD0025	2	4	338	33	2.5	7.5	4.2	6	46.9	6.6	1.3	205	0.4	6.3	0.3	1.7	83	2	169
PLDD0025	4	6	382	58	2.6	10.7	3.9	8.5	65.7	12.4	2.1	197	0.7	9.2	0.4	3	96	2.4	153
PLDD0025	6	8	403	79	3.3	16.2	5	12.9	97.3	17.2	3.2	36.9	1	12.2	0.5	2.5	108	2.8	185
PLDD0025	8	10	425	84	3.3	17	4.5	10.9	88.9	17.6	3.2	79	0.9	12.2	0.5	2.4	116	2.5	161
PLDD0025	10	12	432	78	3.1	15.4	4.8	11.2	84.5	18	3.2	40	0.9	11.7	0.5	2.5	114	2.4	183
PLDD0025	12	14	463	67	2.7	14.6	4.8	12.6	78.3	18.2	3	69	0.9	11.7	0.5	2.9	105	2.5	167
PLDD0025	14	16	608	71	3.1	15.2	4.8	11.2	91.7	20.4	3	199	0.9	11.9	0.5	3.2	99	2.5	185
PLDD0025	16	18	1130	78	3.3	16.2	4.8	11	98.4	25.8	3	230	1	12.5	0.5	4	114	3	187
PLDD0025	18	20	617	87	4.2	18	4.2	13.3	115.5	28.2	3.4	273	1.1	13.3	0.6	4.1	117	2.6	165
PLDD0025	20	22	459	76	3.5	16.6	4.8	11.2	91.7	26.1	3.2	115	1	12.3	0.5	5.5	120	2.6	191
PLDD0025	22	24	527	75	4.1	16.9	5.6	12.4	108	21.1	3.5	309	1	12.8	0.6	4.6	108	2.5	210
PLDD0025	24	26	437	74	3.3	16.3	4.9	11.1	92.7	16	3.2	216	0.9	12.1	0.5	5	117	2.3	178
PLDD0025	26	28	581	86	4.1	17.6	4.4	12.6	108	17	3.5	69.9	1	12.8	0.6	5	122	2.8	172

Hole ID	mFrom	mTo	Ba	Cr	Cs	Ga	Hf	Nb	Rb	Sc	Sn	Sr	Ta	Th	Ti	U	V	W	Zr
PLDD0025	28	30	687	76	12.5	16.6	5.5	12.2	148.5	14.5	3	49.9	1	12.6	0.5	3.5	115	2.9	209
PLDD0025	30	32	722	86	12.3	17.2	4.6	11.7	156	16.1	3.1	59	0.9	12.8	0.6	3.8	122	2.9	172
PLDD0025	32	34	426	73	19.4	16.6	5.9	12.4	182.5	15.1	3	153	1	12.5	0.5	3	109	2.4	215
PLDD0025	34	36	489	78	18.4	16	5.1	11.4	161	15.4	3.3	38.7	0.9	12.4	0.5	3.6	109	3.3	187
PLDD0025	36	38	415	79	20.9	16.5	5.5	11.7	178	14.8	3.4	61.6	1	12.6	0.5	3.3	107	2.7	218
PLDD0025	38	40	409	78	16.9	16.6	5.4	13.1	214	16.2	3.3	290	1	12.7	0.6	3.5	108	2.7	210
PLDD0025	40	42	427	91	11.4	17.1	4.6	12.3	168.5	18.3	3.2	77.8	1.1	13.3	0.6	3.6	128	3.1	180
PLDD0025	42	44	377	71	10.4	15.6	5.2	11.7	156.5	14.3	3	49.1	1	11.8	0.5	2.5	100	2.4	192
PLDD0025	44	46	429	83	8.8	16.8	4.8	12.5	169	16.4	3.3	52.6	1	12.7	0.6	2.4	117	2.5	180
PLDD0025	46	48	448	77	8.8	16.8	5.3	12.2	156	14.9	2.8	42.1	1	12.9	0.5	2.1	110	2.6	204
PLDD0025	48	50	374	78	7.5	15.6	5.2	10.7	142	15	2.6	46.8	0.9	12.3	0.5	1.9	111	2.1	189
PLDD0030	0	2	449	66	5	14.2	5.1	11.1	109	12.6	3	430	1	11.1	0.5	2.8	123	2.1	199
PLDD0030	2	4	377	69	5.6	15.2	4.9	12	118.5	14.8	3	420	1	12	0.5	2.2	110	2.2	188
PLDD0030	4	6	345	71	5	14	5.4	10.9	106	14	2.8	240	0.9	11.2	0.5	2	102	2	192
PLDD0030	6	8	347	68	5.1	13.4	4.8	11.1	116	13.5	2.7	221	0.9	10.7	0.5	2.4	100	2.1	169
PLDD0030	8	10	351	67	6.3	12.9	5	10	112	12.7	2.7	236	0.8	10.8	0.5	2.6	95	2.6	187
PLDD0030	10	12	338	71	4.8	13.5	4.4	10.2	101.5	12.4	3.1	43.5	0.8	10.4	0.5	1.3	101	2.1	167
PLDD0030	12	14	368	66	4.3	13.2	4.7	10.5	108	12.2	2.7	59.2	0.9	10.2	0.5	1.2	90	2	170
PLDD0030	14	16	278	52	3.3	10.5	4.9	8.8	85.9	10	2	73.4	0.7	8.6	0.4	1.1	68	1.6	184
PLDD0030	16	18	329	60	3.7	12.8	5.6	10.8	99.7	13	2.4	56.2	1	10.3	0.5	1.4	88	2	218
PLDD0030	18	20	332	74	4.4	14.2	5.2	11.5	102.5	12.8	3	43.9	0.9	10.9	0.5	1.8	96	2.2	193
PLDD0030	20	22	320	58	3.7	12.4	4.5	10.2	94.8	11.8	2.5	56.6	0.8	9.5	0.4	1.3	88	1.7	175
PLDD0030	22	24	294	66	4.2	12.3	3.8	9.3	94.5	12.4	2.6	57.4	0.8	9.2	0.4	1.3	92	1.7	133
PLDD0030	24	26	288	64	3.6	11.8	4.3	9.5	91.9	11	2.7	62.9	0.8	9.8	0.4	1.1	89	1.6	162
PLDD0030	26	28	304	63	4.6	12.9	4.4	9.8	102.5	11.4	2.9	52.1	0.8	9.9	0.4	1.3	90	1.5	158
PLDD0030	28	30	336	71	5	13.4	4.3	10.9	114.5	13	2.8	60.2	0.9	10.6	0.5	1.2	98	1.7	157
PLDD0030	30	32	335	67	5.7	12.9	4.1	10.3	107.5	11.7	2.9	63.3	0.8	10.2	0.5	1.1	91	1.2	154
PLDD0030	32	34	330	71	6	13.2	4.2	10.7	115.5	11.4	2.8	53.7	0.9	10.8	0.5	1.2	94	1.4	162
PLDD0030	34	36	297	66	6	12.7	4.2	9.4	101	13.8	2.5	104.5	0.8	10	0.4	1.3	93	1.5	167
PLDD0047	0	2	297	45	3.5	11.1	4.9	7.5	71.1	10.4	2	168	0.6	8	0.3	1.4	79	1.9	174
PLDD0047	2	4	450	46	4	10	4.3	7	71.2	8.1	1.8	175	0.6	8.1	0.3	2.1	85	1.6	159

Hole ID	mFrom	mTo	Ba	Cr	Cs	Ga	Hf	Nb	Rb	Sc	Sn	Sr	Ta	Th	Ti	U	V	W	Zr
PLDD0047	4	6	552	78	6.4	18.3	5.3	10.9	110	18.3	3.5	43.8	0.9	13.1	0.5	2.2	123	1.6	188
PLDD0047	6	8	475	81	8	18.9	5.5	13.1	126.5	19.2	4.1	36.2	1.1	14.1	0.6	2.1	111	2	206
PLDD0047	8	10	446	82	7.7	19.1	5.9	13.5	143.5	19.4	3.7	28.9	1.1	14.2	0.6	2.1	110	2	217
PLDD0047	10	12	369	73	7.4	16.4	6.1	12.8	148.5	15.8	3.2	26.7	1.1	12.9	0.6	1.9	99	2.1	236
PLDD0047	12	14	401	78	6.9	17.2	6.5	14.1	141.5	15.3	3.5	27.1	1.2	14.1	0.7	2.2	108	2.8	234
PLDD0047	14	16	383	69	7	15	5.3	11.3	153	13	3.3	24.1	1	11.8	0.5	1.9	101	2	189
PLDD0047	16	18	397	68	6.2	15.2	5.9	11.9	137	12	3	23	1	12.1	0.6	2.1	94	2.5	211
PLDD0047	18	20	397	71	9.5	16	6.4	13.4	152	16.4	3.3	114.5	1.1	13	0.7	2.2	96	2.5	231
PLDD0047	20	22	314	70	4.5	15.5	4.4	11.5	106	15.1	2.6	72	1	11	0.5	2.5	118	1.9	161
PLDD0047	22	24	334	80	6.3	16.5	4.9	13.1	125.5	16.8	3.2	45.5	1.1	11.9	0.6	2	118	2.1	177
PLDD0047	24	26	399	78	10.4	16.4	5.7	13.8	154.5	13.8	3.3	45.3	1.1	12.8	0.6	2.1	100	2.2	203
PLDD0047	26	28	353	72	6.6	15.9	5.4	12.3	126	14.1	2.9	56.5	1	12.2	0.6	1.5	98	2	200
PLDD0047	28	30	375	86	6.5	16.7	5	13.4	122.5	16.4	3.4	57.7	1.1	12.6	0.6	1.5	110	2.4	181
PLDD0047	30	32	360	69	6.9	14.8	4.8	11.2	122	13.5	2.8	61.7	0.9	10.9	0.5	1.4	95	1.8	174
PLDD0047	32	34	461	78	9.4	16.3	5.1	12.9	146	13.8	3.3	54.7	1	12.1	0.6	1.4	98	1.8	183
PLRC0026	0	2	335	51	4	10.9	4.8	7.6	78.7	9.6	1.9	125	0.7	8.5	0.4	1.5	77	2.9	183
PLRC0026	2	4	379	48	3.6	9.5	4.7	7.2	78.9	9.2	1.7	77.5	0.6	8.4	0.3	1.5	69	2.8	184
PLRC0026	4	6	460	78	6.3	14.7	5.1	11	100.5	13.4	3	143	0.9	11.6	0.5	2.5	101	3.2	183
PLRC0026	6	8	459	80	14.2	16.5	5.1	11.9	155	14.6	3.5	144	1	12.1	0.6	2.2	106	2.3	185
PLRC0026	8	10	485	86	11.8	17	5.7	13	156.5	15	3.6	206	1.1	13.4	0.6	2.2	103	3.5	210
PLRC0026	10	12	543	83	11.9	16.4	5	11.5	174.5	15.1	3.7	394	1	12.9	0.5	2.3	102	2.3	180
PLRC0026	12	14	490	80	10.2	16.3	5.7	12.1	195	14.5	3	240	1	12.9	0.5	2.7	96	2.9	197
PLRC0026	14	16	370	76	7.8	15.6	5.9	12.6	144.5	13.8	3	97.2	1.1	12.9	0.6	2.8	91	2.5	224
PLRC0026	16	18	413	76	7.9	14.6	6.5	12.2	138	13.6	2.7	95.3	1	13.5	0.6	2.8	81	2.6	232
PLRC0026	18	20	356	70	6.8	14.6	5.3	11.2	114	13.5	2.9	52	0.9	11.7	0.5	1.6	93	2.8	192
PLRC0026	20	22	357	78	6.2	15.5	4.9	11.6	112	15.6	2.7	43.5	1	12.3	0.5	2	107	2.8	185
PLRC0026	22	24	420	85	6.9	16.5	5.6	13.5	134	16.9	3.3	54.8	1.1	12.5	0.6	1.6	100	2.4	200
PLRC0026	24	26	406	84	6	15.4	4.7	10.8	114.5	15.2	2.9	40.8	0.9	11.8	0.5	1.4	110	2.4	176
PLRC0026	26	28	396	75	7.5	14.8	4.9	11	131.5	14.4	3	36.5	0.9	11.4	0.5	1.4	97	2.3	183
PLRC0026	28	30	401	70	6.7	14.4	5.1	11	122.5	13.8	2.7	38.3	0.9	11.7	0.5	1.4	88	2.7	192
PLRC0026	30	32	380	71	6.3	14.6	4.4	10.4	119	13.3	2.7	40.5	0.9	11.2	0.5	1.2	94	2.1	176

Hole ID	mFrom	mTo	Ba	Cr	Cs	Ga	Hf	Nb	Rb	Sc	Sn	Sr	Ta	Th	Ti	U	V	W	Zr
PLRC0026	32	34	369	76	6.2	14.7	4.1	11.4	122	15.8	2.8	41.2	0.9	11.4	0.5	1.4	100	2.5	163
PLRC0026	34	36	581	81	8.2	15.1	4.5	12.4	134.5	15.4	3.2	45.2	1	11.3	0.5	1.4	97	2.3	175
PLRC0026	36	38	311	62	6.1	12.2	4.4	10.1	104.5	11.1	2.5	45.9	0.8	9.9	0.4	1.1	84	1.6	166
PLRC0026	38	40	291	65	5.8	12.8	4	8.9	100	12	3	36.4	0.7	10.2	0.4	1.5	94	2.8	149
PLRC0026	40	42	314	68	5.5	13.5	3.7	9.7	107	13	2.3	57	0.8	10.2	0.5	1.2	99	1.7	144
PLRC0026	42	44	340	74	5.1	13.7	5.5	10.8	108	13	2.7	90.6	0.9	11.3	0.5	1.5	93	2.6	213
PLRC0026	44	46	334	46	3.1	8.8	4.4	6.9	60	7.5	1.4	163.5	0.5	6.8	0.3	1.2	65	1.7	179
PLRC0042	2	4	549	94	11.1	19.6	5	14.7	211	21.4	4.2	63	1.2	15.2	0.6	2.4	128	2.8	190
PLRC0042	2	4	337	62	5.2	14.2	5.3	10.7	89.9	12.2	2.5	52	0.9	11.7	0.5	6.6	139	1.3	203
PLRC0042	4	6	609	100	12.8	20.5	5.5	14.8	239	21.6	4.5	59.2	1.2	16	0.6	2.3	135	2.9	202
PLRC0042	4	6	341	79	4.6	15.4	4.5	11.2	89.3	14.4	3.1	57.5	0.9	11.4	0.6	2.5	110	1.4	163
PLRC0042	6	8	643	102	10.7	20.1	5.4	15.2	229	21.7	4.1	51	1.2	15.7	0.6	2	140	3.4	203
PLRC0042	6	8	345	64	4.6	14	5.4	11	89.7	13.1	2.9	58.1	0.9	11.1	0.5	1.9	86	1.8	195
PLRC0042	8	10	637	100	11.3	19.8	5.4	14.7	227	24.4	4.2	60.2	1.2	15.5	0.6	2.5	137	2.9	202
PLRC0042	8	10	335	74	6.8	14.8	5.7	11.6	102.5	14.2	2.9	50.3	1	12.5	0.6	2.2	95	1.6	212
PLRC0042	10	12	528	85	7.7	17.2	5	13.2	178	16.8	3.8	159.5	1	13.5	0.5	1.8	110	2.7	179
PLRC0042	10	12	267	68	3.3	14.8	4.2	10.3	66.9	14.6	2.6	69.2	0.9	10.6	0.5	1.5	108	1.1	152
PLRC0042	12	14	358	101	4.6	12.2	3.3	10	112	13.2	2.5	191	0.8	9.8	0.4	1.2	91	2.6	131
PLRC0042	12	14	367	71	7.5	15.5	5.4	11.7	118	13.1	3.2	44.8	1	12.2	0.6	1.8	90	1.5	199
PLRC0042	14	16	459	94	5.4	14.8	4.2	11.6	144.5	14.8	3.1	261	1	12.2	0.5	1.7	103	3	169
PLRC0042	14	16	355	72	7.8	15.4	4.9	12.2	123	13	3	47.1	1	12.3	0.6	1.8	85	1.1	186
PLRC0042	16	18	302	84	3.1	11.8	3.2	8.7	95.5	13.4	2.1	186.5	0.7	9.6	0.4	1.2	92	2.3	124
PLRC0042	16	18	169	73	8.8	15.8	4.1	10.5	157	17.2	3.6	89.5	0.9	10.4	0.5	4.2	125	3.5	146
PLRC0042	18	20	264	80	2.9	11.3	2.8	9.3	78.2	13	2.4	195	0.7	9.3	0.4	1.1	91	2	103
PLRC0042	18	20	387	81	7.6	15.8	5.1	12.7	126	14.2	2.9	115.5	1	12.3	0.6	1.9	109	1.9	179
PLRC0045	0	2	412	67	6.8	13.4	4.7	10.3	119	12.2	2.9	157.5	0.9	10.7	0.5	2	97	1.9	176
PLRC0045	2	4	378	74	5.9	14.4	4.1	10.7	116	13	2.6	54.3	0.8	10.7	0.5	2.2	97	1.9	157
PLRC0045	4	6	378	75	7.4	15.6	5	11.2	138	13.2	3	39.9	1	11.8	0.5	2	100	2.2	180
PLRC0045	6	8	413	92	7.5	17.3	5.2	13.8	137	18.6	3.3	55.5	1.1	14	0.6	1.8	109	2.6	193
PLRC0045	8	10	323	88	6.9	18.5	5.4	12.9	122	16.5	3.1	60.3	1.1	13.6	0.6	2	114	2.8	204
PLRC0045	10	12	137.5	56	5.1	9.5	5.8	8.8	60	9	2	79.1	0.7	9.8	0.4	1.9	70	4.4	215

Hole ID	mFrom	mTo	Ba	Cr	Cs	Ga	Hf	Nb	Rb	Sc	Sn	Sr	Ta	Th	Ti	U	V	W	Zr
PLRC0045	12	14	456	81	8.3	16.8	5.8	13.5	141	14.8	3.1	68.8	1	13.2	0.6	1.8	101	2.5	211
PLRC0045	14	16	357	70	6	14.8	5.3	10.3	113.5	14.2	2.9	47.1	0.9	11.5	0.5	1.6	101	2.4	198
PLRC0045	16	18	378	73	6.3	14.7	5.2	12.1	118.5	14.8	2.8	74.9	0.9	11.9	0.5	1.5	92	2.5	195
PLRC0045	18	20	454	84	6.1	16.2	4.6	12.1	121.5	14.2	3.3	82.7	0.9	12.2	0.6	1.6	106	2.5	177
PLRC0045	20	22	394	77	6.7	15.7	4.9	11.8	126.5	14.2	3.1	94.9	0.9	12.5	0.6	1.5	93	2.4	189
PLRC0045	22	24	376	72	5.8	14.2	4.8	10	109	14.2	2.9	84.8	0.8	11.2	0.5	1.5	95	2.2	174
PLRC0045	24	26	290	69	5.2	13.8	4.2	10.1	99.6	12	2.6	85.5	0.8	10.8	0.5	1.6	98	2.3	164
PLRC0049	0	2	341	58	4.6	10.3	3.7	9	80.7	11.8	2.2	287	0.7	8.8	0.4	1.3	110	1.7	140
PLRC0049	2	4	324	59	5.5	11.3	3.3	9.5	87.9	12	2.6	115.5	0.7	9.4	0.4	1.4	89	1.7	130
PLRC0049	4	6	353	68	6.1	12.7	3.6	10.3	100	12.7	2.5	92	0.8	9.8	0.5	1.7	98	1.8	134
PLRC0049	6	8	368	75	5.2	13.7	3.9	10.4	90	14.4	2.3	85.9	0.9	10.3	0.5	1.5	109	2.1	151
PLRC0049	8	10	354	64	5.3	12.9	4.2	9.7	89.8	12.4	2.7	80.2	0.8	9.9	0.4	1.5	97	1.9	163
PLRC0049	10	12	322	67	5.3	12.4	3.6	9.4	92.1	13.6	2.5	71.9	0.8	9.4	0.4	1.2	98	1.6	139
PLRC0052	2	4	350	38	4	10.2	4.8	8.1	82.9	7.6	2	120.5	0.7	8.9	0.3	1.4	61	2.1	179
PLRC0052	22	24	377	76	5.8	15.6	4.9	11.8	116.5	15.4	3	80.8	0.9	11.3	0.6	1.4	110	2.4	185
PLRC0052	24	26	326	70	5.2	14.7	4.6	10.6	99.8	14.2	3	40.7	0.9	10.8	0.5	1.5	106	7.7	173
PLRC0052	26	28	352	76	4.4	14.6	3.8	11	104	15	2.8	51.3	0.9	11.5	0.5	1.2	104	1.8	150
PLRC0052	28	30	462	81	5.5	15.6	3.9	11.9	137.5	15.6	3.4	60.3	0.9	12.1	0.5	1.2	112	2.1	150
PLRC0053	0	2	461	70	4.4	15.7	7	13.7	96.9	17	2.8	167	1.1	13.9	0.5	4.4	129	2.3	279
PLRC0053	2	4	558	73	5.3	19.6	8	15.7	138	22.5	4.3	67.1	1.3	17.2	0.5	3.5	133	2.6	295
PLRC0053	4	6	592	80	5.5	20.5	8.3	16.7	137.5	19.5	3.7	131	1.4	18.1	0.6	2.6	134	2.8	314
PLRC0053	6	8	593	79	5.7	21.1	7.6	17	138.5	23.2	4.1	210	1.4	18.5	0.6	2.9	137	2.8	290
PLRC0053	8	10	641	81	5.9	18.8	8.3	15.3	139.5	22.6	3.3	243	1.3	16.6	0.6	3.6	129	2.7	319
PLRC0053	28	30	683	80	21.6	22	6.7	16.6	209	20	4.6	23.8	1.4	17.8	0.6	4.1	127	2.9	246
PLRC0053	30	32	532	79	20.8	20.1	6.3	15.2	246	18.2	3.9	28.2	1.1	16.2	0.5	2.8	126	2.6	224
PLRC0053	32	34	451	79	18.5	19.8	6.9	15.4	199.5	19	3.9	34.5	1.2	16.1	0.5	2.7	123	2.7	252
PLRC0053	34	36	414	80	11	19.8	5.8	15.5	181.5	19.8	3.8	44.9	1.3	16.7	0.5	2.8	124	2.5	226
PLRC0053	36	38	421	76	9.4	19.5	6.5	15.5	151.5	18.5	4.4	38.3	1.3	17.2	0.5	2.7	116	3	248
PLRC0053	38	40	462	78	8.1	19.2	6.7	15.4	148	17.6	3.9	37.6	1.3	17	0.6	2.7	119	2.4	237
PLRC0053	40	42	496	71	8.3	18.2	6.3	14.4	149.5	15.8	3.7	40.2	1.2	15.9	0.5	2.3	111	2.4	222
PLRC0053	42	44	452	57	8	14.4	5.1	11.5	143	12.8	2.7	45.6	0.9	12.5	0.4	1.9	87	2.2	196

Hole ID	mFrom	mTo	Ba	Cr	Cs	Ga	Hf	Nb	Rb	Sc	Sn	Sr	Ta	Th	Ti	U	V	W	Zr
PLRC0053	44	46	480	56	8.1	15.1	5.4	11.8	145	13.2	3.4	48.4	0.9	12.3	0.4	1.8	86	2.2	194
PLRC0053	46	48	517	58	8.5	15.4	5.5	12.6	154.5	12.4	2.8	55.1	1	12.6	0.4	1.7	92	4.5	205
PLRC0053	48	50	533	58	8.9	15.2	5.6	12.3	159.5	13	2.9	84.3	1	12.9	0.4	1.8	93	2	210
PLRC0054	0	2	582	68	7	16.9	5.8	14.6	152	15.9	3.9	202	1.2	15.5	0.5	3.1	217	2.8	240
PLRC0054	2	4	555	69	8.4	17.8	5.6	15.2	180	19	3.9	185.5	1.2	15.5	0.5	2.7	131	2.7	227
PLRC0054	4	6	564	74	8.8	20.4	6.4	16.2	184.5	17.9	4.1	50.1	1.4	16.5	0.6	2.6	132	3	249
PLRC0054	6	8	479	68	8	16.8	6.5	14.6	162	13.8	3.3	54.4	1.2	15	0.5	2.1	118	2.6	246
PLRC0054	8	10	549	69	8.5	18.2	6.9	15.8	167	16	3.7	69.4	1.3	16	0.6	2.2	127	2	276
PLRC0054	10	12	476	58	7.3	15.5	6.2	13.7	145.5	14.6	3.2	113.5	1.1	13.7	0.5	2.1	104	2.2	239
PLRC0054	12	14	543	66	6.3	14.9	7.1	13.8	143.5	14.8	3.1	70	1.1	13.8	0.5	2.4	101	1.9	282
PLRC0054	14	16	534	66	7.6	15.8	7.4	14.7	155.5	16.2	3.3	45.7	1.2	14.7	0.5	2.3	112	2.1	291
PLRC0054	16	18	483	56	7	14	7.5	12.3	145	12.8	3	71.4	1.1	13.4	0.4	2.4	95	2.8	287
PLRC0054	18	20	499	64	7.2	16.1	7	13.9	152	12	3.3	117.5	1.1	13.7	0.5	1.9	107	3.1	275
PLRC0055	2	4	715	71	7.5	15	7.3	13.3	138.5	15.2	3.4	234	1.1	14.3	0.5	3	129	2.9	280
PLRC0055	4	6	725	76	9.6	17.9	9.1	15.3	192	20	3.7	44.8	1.2	17.6	0.6	2.8	119	2.4	344
PLRC0055	6	8	731	78	9.2	17.2	7.6	14.8	198.5	18.5	3.4	56.9	1.2	17.6	0.6	2.9	115	2.4	320
PLRC0055	8	10	730	75	9.7	17.4	8.2	15.2	206	22.5	3.5	67.2	1.2	19.2	0.6	3.5	115	2.3	332
PLRC0055	10	12	695	74	10.1	17	7.7	14.8	209	23.6	3.1	45.5	1.2	17.4	0.5	3.1	114	2.4	299
PLRC0055	12	14	731	73	9.3	17.2	7.9	15.1	211	21.9	3.7	42.9	1.2	16.3	0.6	3.2	113	2.3	306
PLRC0055	14	16	687	69	8.3	16.3	7.7	14.3	184	24.3	3.1	62.4	1.1	15.1	0.5	3.5	106	2.5	309
PLRC0055	16	18	716	73	9	16.7	7.8	14.6	198.5	26.8	3.1	89.2	1.2	15.4	0.6	3.5	111	2.6	316
PLRC0055	18	20	747	68	8	16.2	7.7	14.3	181.5	21.2	3.2	32.9	1.2	14.8	0.5	3.7	107	2.3	287
PLRC0055	20	22	643	66	8.1	16.1	7.2	13.9	187.5	19.4	3	48.8	1.1	14.5	0.5	3	108	2.3	284
PLRC0055	22	24	648	69	9.3	16.5	7.5	14	201	18	3	38.4	1.1	15.1	0.5	3.1	113	2.3	297
PLRC0055	24	26	861	70	8.5	17.5	8	14.9	190.5	16.7	2.9	517	1.2	14.8	0.6	3	118	2.8	304
PLRC0055	26	28	666	63	8.8	17	7.2	14.7	188	15.4	3.3	153.5	1.1	14.3	0.6	2.9	114	2.6	292
PLRC0055	28	30	633	66	8.5	16.9	7.7	14	178	14.8	3.2	33.6	1.2	14	0.5	2.9	111	2.6	309
PLRC0055	30	32	663	67	8.4	16.9	7.7	14.9	198.5	14.7	3.1	28.8	1.2	14.5	0.6	3	114	2.7	313
PLRC0055	32	34	675	73	8.9	17.3	8	15	208	16	2.9	35.4	1.1	14.8	0.6	3.3	124	2.4	307
PLRC0055	34	36	722	73	9.7	18.6	7.9	15.3	219	17.5	2.9	63.6	1.2	14.9	0.6	3.2	132	2.7	290
PLRC0055	52	54	627	83	7.2	19.2	5.2	13.9	132	17.9	4.2	107.5	1.2	15.1	0.6	5.9	137	2.6	199

Hole ID	mFrom	mTo	Ba	Cr	Cs	Ga	Hf	Nb	Rb	Sc	Sn	Sr	Ta	Th	Ti	U	V	W	Zr
PLRC0055	54	56	451	62	4.6	14.8	6	12.3	96.1	13.8	3.4	157	1	13.4	0.5	5	113	2.7	243
PLRC0055	56	58	605	79	12.5	19.6	8.2	15.3	202	19.6	4.2	52.2	1.3	17.2	0.6	3.2	137	2.6	332
PLRC0055	58	60	596	75	9.8	18.7	6.8	14.8	193	16.9	3.8	49.2	1.2	14.9	0.6	2.3	123	2.2	282
PLRC0056	0	2	562	84	4.4	19.4	6.7	15.8	94.5	24.3	3.7	212	1.2	14.7	0.6	8	165	2.7	246
PLRC0056	2	4	564	83	4.2	19.6	6.3	15.8	99.3	28.1	3.6	164.5	1.2	17.6	0.6	3.4	165	2.9	232
PLRC0056	4	6	823	71	3.4	16.8	6.8	12.3	86.5	18.1	3.5	57	1	14.7	0.5	2.4	110	2.5	265
PLRC0056	6	8	721	88	3.5	22.7	7.6	17.6	81.9	24	4.1	32.3	1.4	18.3	0.6	3	141	3.1	277
PLRC0056	36	38	805	71	13.6	19	7	15.4	220	17.2	3.8	53.3	1.2	16.7	0.5	2	110	2.9	262
PLRC0056	38	40	801	70	14.2	19.6	7.2	15.4	221	16.4	3.9	47.7	1.2	16.5	0.5	2	112	2.4	267
PLRC0056	40	42	665	60	11.8	16.4	5.8	13	182.5	15	3.2	56.9	1	14.3	0.4	1.5	95	2.1	214
PLRC0056	42	44	664	58	11.5	16	6	12.2	178	12.8	3.2	62.1	1	13.7	0.4	1.4	91	2.3	217
PLRC0056	44	46	684	61	11.7	16.2	5.5	12.7	179.5	14.4	3.3	75.8	1	14	0.4	1.5	96	2.2	218
PLRC0056	46	48	646	59	10.6	15.6	5.8	12.1	167.5	14.4	3.4	86.5	0.9	13.5	0.4	1.5	91	1.9	201
PLRC0056	48	50	642	59	11.1	15.8	6	12.1	170	14.4	2.9	83.4	1	13.2	0.4	1.4	91	2.2	224
PLRC0056	50	52	671	56	11.8	15.4	5.5	11.9	172.5	14.2	2.8	86.6	1	13.4	0.4	1.4	93	2.2	224
PLRC0056	52	54	659	57	10.9	15.3	5.8	11.8	164.5	13.2	2.7	99.9	1	13.2	0.4	1.5	89	2.4	216
PLRC0056	54	56	649	55	11	14.4	5.9	12	163.5	13.3	2.8	130	1	12.9	0.4	1.4	87	2.2	225
PLRC0056	56	58	677	56	12.2	14.9	6.3	12	171.5	12.9	3.5	109	1	13.5	0.4	1.4	88	2	234
PLRC0056	58	60	679	55	11.3	15.2	6.1	12.1	164	12.8	3.1	108.5	1	13.6	0.4	1.4	86	2.2	226
PLRC0057	2	4	395	46	3.6	9.7	5.1	7.7	73.7	8.4	2.1	223	0.6	8.4	0.3	1.5	82	2.5	203
PLRC0057	4	6	402	50	3.5	10.3	5.1	8	70.1	9.1	2.5	111	0.7	8.7	0.3	1.4	70	2.3	205
PLRC0057	6	8	472	89	5.7	16.4	6.4	11.5	91.3	15.4	3.2	185	0.9	14.2	0.6	2	110	2.7	241
PLRC0057	8	10	780	81	5.7	17.1	5.6	11.1	81.6	19	3.1	118	0.9	13.9	0.5	2.5	109	2.4	202
PLRC0057	10	12	803	95	4.5	17.6	4.9	13.6	108.5	21.8	3.3	72.2	1.1	14.5	0.6	2.3	117	2.9	190
PLRC0057	12	14	502	96	5.2	18.2	5.7	13.6	120	22.7	3.6	51.2	1.1	15.1	0.6	2.3	113	2.9	219
PLRC0057	14	16	385	103	6.6	15.6	5	11.7	110.5	26.2	2.7	31.7	0.9	14.8	0.5	2.8	112	2.4	190
PLRC0057	16	18	368	84	7.1	15	4.6	11	109	26.9	2.8	80.7	0.8	11.7	0.5	2.8	102	2.7	170
PLRC0057	18	20	492	84	10.9	15.6	4.6	11.4	143.5	31.7	3.1	247	0.9	12.4	0.6	3.4	106	2.5	179
PLRC0057	20	22	802	82	7.8	14.8	4.9	11.4	158.5	21.9	3.3	492	0.9	11.8	0.5	3.1	97	2.6	190
PLRC0057	22	24	1040	83	10	16.4	5.6	12	155	19.7	3.5	158.5	1	13.2	0.6	3.5	99	3.3	216
PLRC0057	24	26	480	90	7.6	17.4	5.1	12.8	181	17.8	3.7	55.9	1	13.4	0.6	2	116	2.7	191

Hole ID	mFrom	mTo	Ba	Cr	Cs	Ga	Hf	Nb	Rb	Sc	Sn	Sr	Ta	Th	Ti	U	V	W	Zr
PLRC0057	26	28	421	79	6.2	16.4	4.8	12	137.5	14.6	3	57.9	0.9	12.3	0.5	1.7	106	2.5	175
PLRC0057	28	30	437	82	8.5	16.4	5.4	12.5	158.5	15.2	3.4	55.8	1.1	13.1	0.6	1.8	101	2.4	205
PLRC0057	30	32	815	76	15.9	15.5	4.5	11.3	159.5	15.1	3.1	71.1	0.9	12.2	0.5	1.5	99	2.3	167
PLRC0057	32	34	426	71	7.3	14.4	4.5	10.7	128.5	13.2	2.7	72.3	0.9	11.2	0.5	1.4	95	3.8	173
PLRC0057	34	36	383	77	6.7	15.2	5.5	11.4	120	15.4	2.7	56.5	1	12.1	0.5	1.6	95	2.6	198
PLRC0057	36	38	394	75	7.8	14.7	5.2	11.5	125	13.3	3.1	68.5	1	12.2	0.6	1.7	89	2.4	193
PLRC0057	38	40	639	72	9.2	14.8	5.1	11	121	14	2.8	49.4	0.9	11.7	0.5	1.8	102	2	193
PLRC0057	40	42	438	83	7.6	15.6	5	11.9	124.5	14.6	2.9	47.8	1	12.5	0.5	1.7	102	2.5	182
PLRC0057	42	44	889	77	10.7	15	5.2	11.7	122.5	15	3	52.6	1	12	0.5	1.8	97	2.6	188
PLRC0057	44	46	411	76	11	15.6	4.7	11.1	136.5	14.5	3.1	48.5	0.9	11.7	0.5	1.9	102	2.7	169
PLRC0057	46	48	386	68	6.6	13.8	5.1	11.9	117	12.8	2.4	90.7	1	11.5	0.4	1.4	88	2.3	189
PLRC0057	48	50	327	63	5.1	12.8	4.5	9.5	99.2	13.7	2.5	84.6	0.8	10.2	0.4	1.2	90	2	165
PLRC0057	50	52	425	71	6.6	13.8	4.1	9.3	107	13.3	2.4	62.1	0.8	10.8	0.4	1.5	101	2.8	153
PLRC0057	52	54	386	72	6.6	14	3.9	10.4	115.5	13.7	2.6	72.2	0.9	10.8	0.5	1.2	92	2.3	146
PLRC0059	36	38	991	83	50.3	21.4	6.9	15.8	388	36.8	4.4	34.9	1.2	16.9	0.6	2.9	126	2.8	268
PLRC0059	38	40	972	89	58.7	20.9	7.4	15.9	510	35.7	5.1	50.7	1.2	16.8	0.6	3.1	132	2.6	289
PLRC0059	40	42	1100	86	49.9	20.3	6.8	15.2	499	33.7	4.1	49.4	1.2	15.9	0.6	2.7	127	2.6	256
RRRC0229	2	4	498	73	6.6	18.3	7.6	14.4	129.5	17.6	3.1	93.1	1.2	14.3	0.6	7.5	147	3.1	291
RRRC0229	4	6	472	74	6.5	19.4	6.9	14.8	135	16.7	3.6	151	1.2	14.9	0.6	2.5	132	2.8	264
RRRC0229	6	8	387	69	6.3	16.2	6.2	12.7	123	14.2	3.1	71	1	13	0.5	2.5	115	2.5	231
RRRC0229	8	10	436	68	7	16.3	5.8	12.8	145.5	15.3	3.4	49.3	1	14.6	0.5	3.3	106	2.1	224
RRRC0229	10	12	448	76	7.5	18.4	5.5	13.5	156	17.8	3.5	56.2	1.2	15.9	0.5	2.3	121	2.9	212
RRRC0229	12	14	371	61	7.3	15.4	5.8	11.8	132	13.4	3.3	49.2	1	14.2	0.4	2.2	92	2.4	211
RRRC0229	14	16	389	63	6.9	15.7	6.1	11.6	139	13.8	3.2	44	1	15	0.4	2.2	97	2.9	242
RRRC0229	16	18	400	66	7.6	16.3	5.6	11.8	143	15.2	3.5	46.7	1	14	0.5	2.4	103	2.7	223
RRRC0229	18	20	498	77	9.2	19.2	6.9	14.2	176.5	19.8	3.5	39.8	1.2	16.5	0.5	2.8	119	2.5	255
RRRC0229	20	22	501	73	10.1	19.2	7	14.3	184.5	17.2	3.5	39.5	1.2	17	0.5	2.4	113	2.9	269
RRRC0229	22	24	509	455	11.8	18.8	8	14.8	183.5	16	3.6	39.5	1.2	16.7	0.5	2.3	107	2.8	301
RRRC0229	24	26	534	73	10.4	19.2	6.9	14.5	188	17	3.6	41.9	1.2	17.2	0.5	2.5	112	2.7	259
RRRC0229	26	28	534	79	10.2	20.2	6.2	15.2	196.5	19	4.1	41	1.3	17.1	0.5	2.3	124	2.9	231
RRRC0229	28	30	525	76	11.3	19.8	6.4	14.9	190	19.4	3.7	40.9	1.3	16.7	0.6	2.3	120	2.6	240

Hole ID	mFrom	mTo	Ba	Cr	Cs	Ga	Hf	Nb	Rb	Sc	Sn	Sr	Ta	Th	Ti	U	V	W	Zr
RRRC0229	30	32	494	76	8.7	19.6	7	15	182.5	16.6	3.6	44.5	1.2	17.4	0.5	2.4	116	3.9	257
RRRC0229	32	34	500	73	10.5	19.5	7	14.7	173	16.8	3.7	39.6	1.2	16.3	0.6	2.6	116	2.9	264
RRRC0229	34	36	459	65	8	17.1	6.5	13.3	146	15	3.2	40.1	1.1	14.5	0.5	2.6	108	2.6	252
RRRC0229	36	38	359	53	7.7	12.8	4.3	10	122	12.3	2.9	33.5	0.8	10.8	0.4	1.5	73	3.5	172
RRRC0229	38	40	582	74	14.7	20	6.4	15.3	192.5	18.7	3.7	45.2	1.2	17.3	0.5	2.2	117	2.8	239
RRRC0229	40	42	533	65	12	19.3	6.8	14.8	174	16.8	3.9	40.4	1.2	16.8	0.5	2.1	112	2.6	246
RRRC0229	42	44	423	55	7.1	15.8	6.4	12	129	12.4	3.6	49.2	1	14	0.4	2	96	2.4	236
RRRC0229	44	46	416	57	8.7	15	6.1	11.9	124	14.2	2.8	50.9	0.9	12.8	0.5	1.9	97	2	230
RRRC0229	48	50	404	60	8.5	16.2	7	12.6	127	13.8	3	41.7	1	13.7	0.5	2.2	108	2.5	252
RRRC0229	50	52	392	64	8.2	17.8	6.6	13.9	122	17	3.5	44.5	1.1	14.6	0.5	2.3	122	2.6	262
RRRC0229	52	54	359	70	9.3	19.5	7.6	15.1	115.5	17.7	3.9	38.6	1.2	15.5	0.6	2.7	132	2.9	279
RRRC0229	54	56	277	72	8.2	19.6	5.6	14.7	101.5	16.8	3.8	42.6	1.2	16.3	0.5	3	121	2.9	208
RRRC0229	56	58	345	85	9.2	18.2	4.9	13.4	133.5	19.8	3.9	48.7	1	14.8	0.6	2.2	134	2.1	186
RRRC0229	58	60	472	78	12.9	18.6	5.8	13.7	179	17.8	3.7	54.8	1	14.9	0.5	1.8	122	2.3	216
RRRC0229	60	62	413	85	12.8	17	4.8	12.4	158	16.2	3.2	48.5	0.9	13.6	0.5	1.7	117	2.1	187