

BRE Announces New Rare Earth Discovery - the Pelé Project

- Discovery of a new district-scale rare earth exploration project, named the 'Pelé Project', located circa 60km southwest of Monte Alto
- The Pelé Project is highly prospective for ultra-high grade REE-Nb-Sc mineralisation with a district-scale exploration target area that is +30 times larger than Monte Alto
- Pelé discovered using the exploration pathfinders that successfully delineated the world-class ultra-high grade Monte Alto Project, including intense geophysical anomalies, confirmed hard rock REE outcrops and high-grade monazite sands at surface
- Initial ground reconnaissance at Pelé Target 1 has discovered the largest continuous hard rock monazite outcrop found since exploration commenced at the province, and it currently extends over a strike of ~30m (open) within a larger 1km NNE potential outcrop trendline
- This large-scale monazite outcrop recorded gamma readings comparable to the ultra-high grade REE-Nb-Sc mineralisation at Monte Alto, which returned exceptional grades of up to 5.9% (59,100ppm) NdPr¹, 3,229ppm DyTb¹, 1.5% niobium and 352ppm scandium
- High-grade monazite sand intercepts of up to 11.5% TREO from the first batch of re-assays from Rio Tinto drill holes across the Pelé exploration target, with assays pending for 220 high-priority drill holes (2,700m) that cover Pelé's intense geophysical anomalies
- Comprehensive gamma line surveys will be expedited over the highly prospective 15km exploration corridors on Pelé Targets 1-4 in preparation for a maiden diamond drilling program

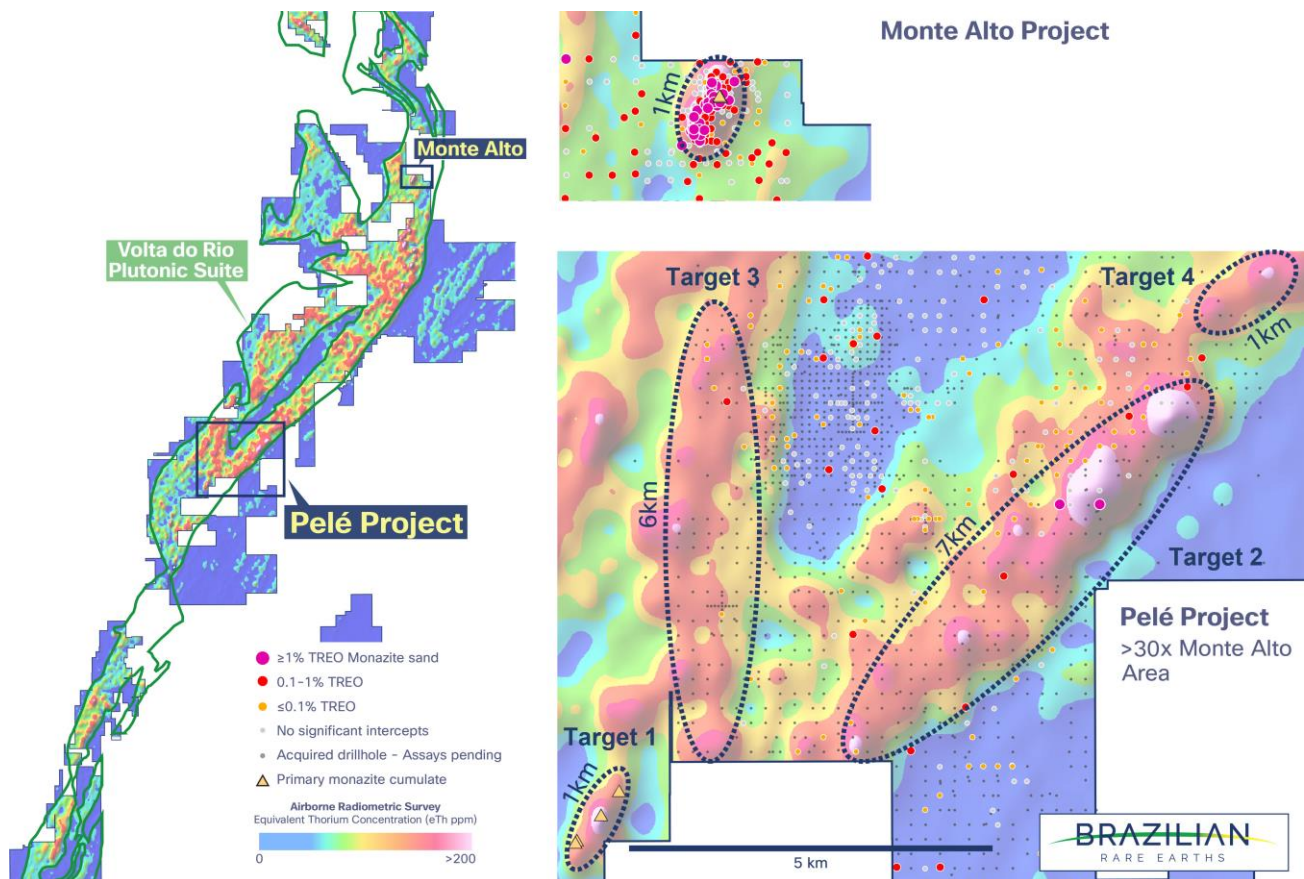


Figure 1: Scale of the Pelé Project relative to the Monte Alto Project

Note 1: TREO = Total Rare Earth Oxides; NdPr = Nd₂O₃ + Pr₆O₁₁; DyTb = Dy₂O₃ + Tb₄O₇

Brazilian Rare Earths Limited (ASX: BRE) (BRE) is pleased to report the first batch of re-assay results from the Rio Tinto exploration dataset and the receipt of new assays from BRE drilling across the Rocha da Rocha Rare Earth Province in Bahia, Brazil.

A new rare earth discovery, the Pelé Project, has been made ~60km southwest of Monte Alto. This greenfield discovery is highly prospective for ultra-high grade REE-Nb-Sc mineralisation, with multiple exploration pathfinders indicating the scale of a world-class rare earth mineralised system.

Pelé contains the most extensive area of intense geophysical anomalies within BRE's province-scale ~4,000km² landholdings. Pelé Target 1 is distinguished by the largest continuous hard rock monazite cumulate outcrop discovered since exploration commenced at the province, and it currently extends over a strike of ~30m (open) within a larger 1km NNE potential hard rock outcrop trendline.

The latest assay results from the wider regional exploration program and the initial results from the Rio Tinto re-assay program confirm the exceptional potential for new rare earth discoveries across BRE's landholdings. These exploration landholdings were strategically acquired to secure control of the Volta do Rio Plutonic Suite mineralised trendline that stretches over 160km down the spine of the Rocha da Rocha Rare Earth Province (Figure 2).

The Volta do Rio Plutonic Suite (VRPS) is hosted within the Archean age Jequié Complex and forms the prime exploration target zone for ultra-high grade REE-Nb-Sc mineralisation. The VRPS is distinguished by a bi-modal formation of granitoids and REE-Nb-Sc rich leucogranites. The high-grade REE-Nb-Sc leucogranites are layered within the province scale VRPS from the separation progression of the parent magma.

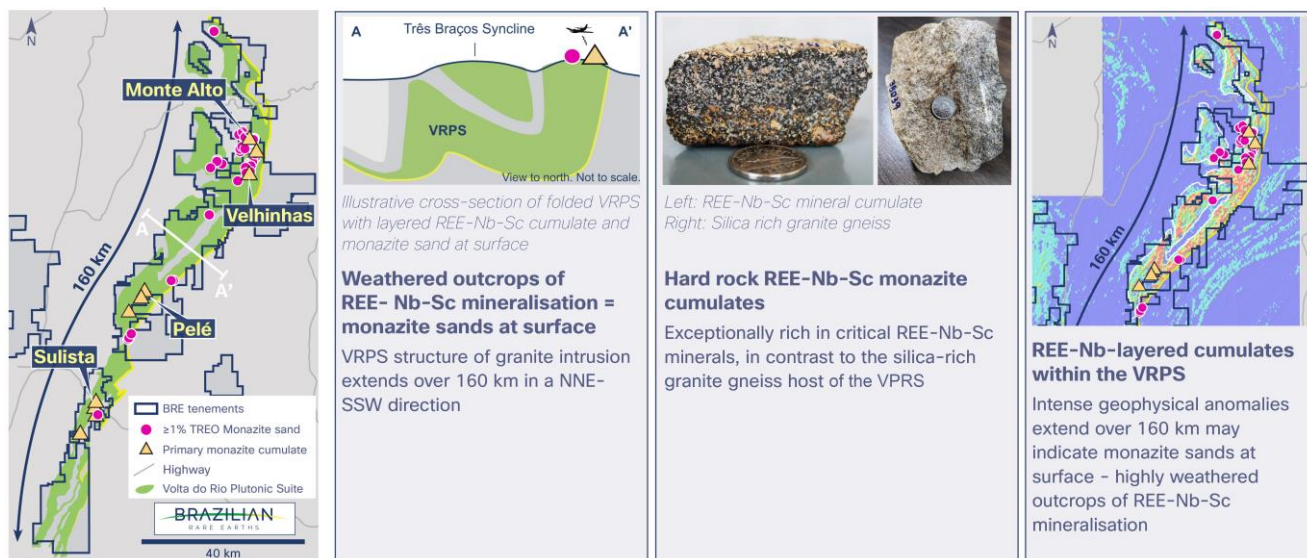


Figure 2: Volta do Rio Plutonic Suite (VRPS)

Brazilian Rare Earths' CEO and MD, Bernardo da Veiga, commented:

“Less than two years after the discovery of the Monte Alto project we are pleased to announce our fourth greenfield rare earth project at this world-class rare earth province.

The Pelé Project is district-scale rare earth project with an exploration target area that is over 30 times larger than the Monte Alto Project. The scale of the exploration opportunity is exceptional and the recent discovery of a massive monazite mineralised outcrop at Pelé Target 1 indicates the potential for a major rare earth endowment.

With the proven Monte Alto exploration pathfinders already at hand at Pelé, and the extensive assay results from the Rio Tinto dataset now imminent, we now intend to accelerate plans for a maiden diamond drilling program at Pelé.”

Monte Alto Project – Successful Exploration Pathfinders

The discovery of the world-class Monte Alto project was based on three key exploration pathfinders:

- Geophysical anomaly: BRE's proprietary airborne radiometric survey defined an intense geophysical anomaly over Monte Alto
- Monazite sands: Auger drilling at Monte Alto intersected high grade (+1% TREO) monazite sands near surface. These monazite sands represent a highly weathered 'outcrop' of REE-Nb-Sc mineralisation and a significant indicator for potential ultra-high grade REE-Nb-Sc mineralisation at depth
- Hard rock REE-Nb-Sc outcrops: The discovery of REE-Nb-Sc boulders and outcrops supported the exploration model for ultra-high grade REE-Nb-Sc mineralisation at depth

BRE completed a comprehensive gamma line survey at Monte Alto to map a high-grade monazite sand corridor which then underpinned the design of the maiden diamond drilling program. This maiden diamond drilling program successfully discovered ultra-high grade REE-Nb-Sc mineralisation at Monte Alto.

Pelé Project Discovery – Confirmed Exploration Pathfinders

The Pelé Project has been discovered using the same exploration pathfinders that were successfully proven at the ultra-high grade Monte Alto Project.

- Geophysical anomaly: Airborne radiometric survey data across the Pelé Project area defines a cumulative 15km chain of intense geophysical anomalies for targeted exploration
- Monazite sands: The first batch of re-assays from Rio Tinto auger drilling returned high grades of up to 11.5% TREO. As with Monte Alto, the exploration model is that these monazite sands represent highly weathered 'outcrops' of REE-Nb-Sc mineralisation
- Hard rock outcrops: Initial field reconnaissance at Pelé discovered extensive monazite cumulate outcrops with comparable gamma readings to the ultra-high grade mineralisation at Monte Alto

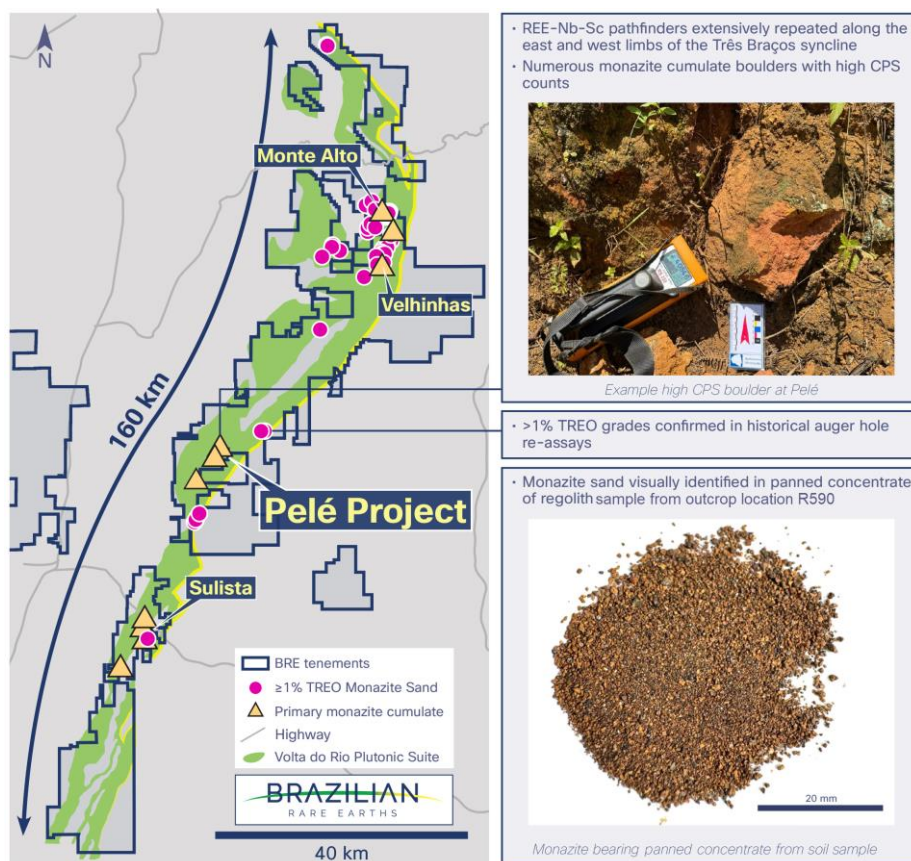


Figure 3: Pelé REE-Nb-Sc exploration pathfinders

Pelé Geophysical Anomaly

Analysis of the airborne radiometric data over the Pelé Project identified an extensive chain of intense anomalies recurring on the eastern and western limbs of the regional Tres Bracos syncline. These anomalies across Pelé Targets 1-4 have a cumulative strike of ~15km and define a highly prospective exploration target area that is over 30 times larger than the Monte Alto project (Figure 4).

Pelé Ground Reconnaissance - Large-scale Monazite Outcrop Discovery

The BRE exploration team recently conducted initial ground reconnaissance exploration over the southern zone of the Pelé Project area (Pelé Target 1). A gamma spectrometry survey quickly discovered the largest continuous hard rock monazite outcrop found since exploration commenced at the province, which currently extends over a strike of ~30m (open) within a larger 1km NNE potential outcrop trendline (Figure 4 and 5).

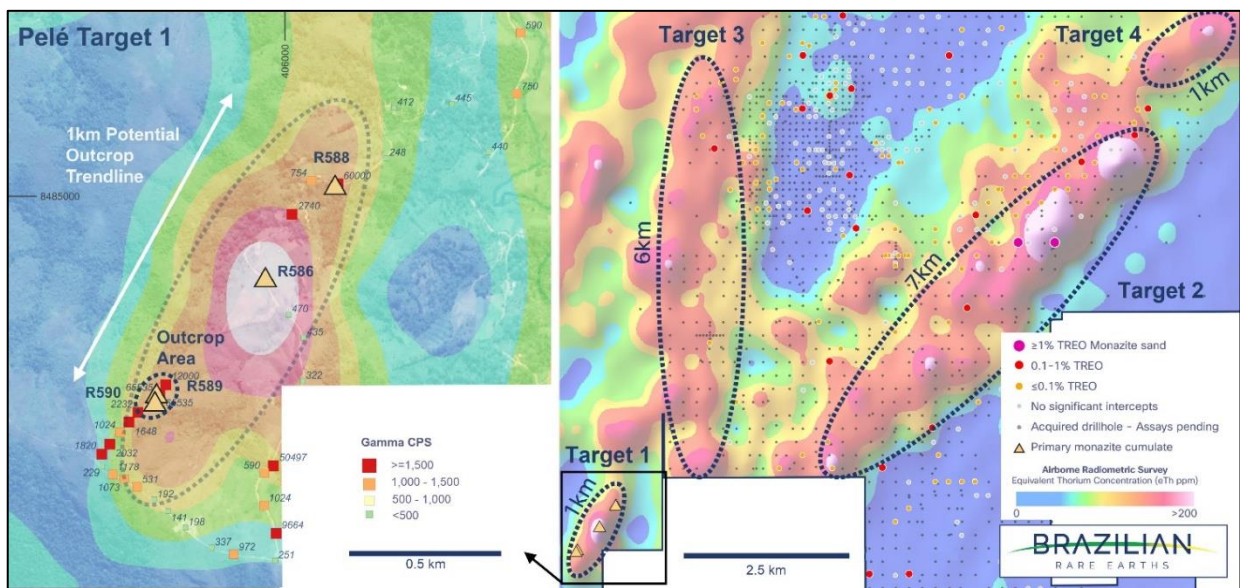


Figure 4: Pelé Target 1 outcrop locations and 1km trendline



Figure 5: Mineralised hard rock outcrop, Pelé Target 1

BRE geophysicists used a RS-230 Portable Gamma Spectrometer positioned over the outcrops to measure a Count of gamma particles Per Second (CPS). There is an established strong correlation between high CPS readings and the high grade REE-Nb-Sc mineralisation at the Monte Alto project.

Gamma spectrometry has thus proven to be an effective method to identify primary high-grade REE-Nb-Sc mineralisation throughout the entire province. This ground based geophysical survey method led to the discovery of REE-Nb-Sc mineralisation at the Monte Alto, Velhinhos and Sulista projects.

High CPS values were recorded at multiple outcrops along an extensive 1km trendline at Pelé Target 1, located at the south-western extent of the Pelé Project exploration area (Figure 4). Ground based surveys recorded CPS values ranging from 12,000 to the maximum detectable level of 65,500 at sites R589 and R590 (see Figure 6).

These gamma survey sites define a large-scale monazite cumulate outcrop that currently strikes ~30m and is open (Figure 7), within a larger 1km NNE potential hard rock outcrop trendline. The recorded CPS values are comparable to those measured for the ultra-high grade REE-Nb-Sc mineralisation at Monte Alto and represent an intensity of ~20 to 50 times the background CPS values for the region.



Figure 6: Pelé Target 1 outcrops - CPS values above the detection limit, indicative of Monte Alto style ultra-high grade REE-Nb-Sc mineralisation



Figure 7: Large-scale monazite mineralised outcrop at Pelé Target 1, extending ~30m of strike (open) within a 1km potential outcrop trendline

Rio Tinto Re-Assay Program

The highest priority Rio Tinto auger drill samples that cover the VRPS and key geophysical anomalies have now been dispatched for re-assay. Exploration assay results for over 11,000m of these high-priority drill holes are expected in the coming months.

The first batch of the rare earth re-assays that cover the Pelé target confirmed shallow mineralisation with grades of +1% TREO, and monazite sands have been visually confirmed in the drill hole samples.

Significant assays from the surface saprolite include:

- 19m at 4.2% TREO from 0.5m, with 20.8% of NdPr and 1.2% of DyTb (AMBX3124)
- 14m at 0.5% TREO from surface, with 19.4% of NdPr and 0.9% of DyTb (AMBX3141)
 - Including 3.5m at 10.7% TREO from 3.5m, with 19.2% of NdPr and 0.9% of DyTb, and
 - 1m at 10.4% TREO from 13m, with 20.8% of NdPr and 1.1% of DyTb (AMBX3141 - open at depth)
- 2m at 1.1% TREO from 9m, with 19.5% of NdPr and 0.6% of DyTb (AMBX1492)

The first batch of re-assays included results from 152 Rio Tinto drill holes at the Pelé target with an average depth of 14m. These holes targeted the upper laterite layer and, as such, the REE enriched saprolite horizons below this depth remain largely untested. The highest-grade rare earth assay value of 0.5m at 11.5% TREO was intersected at the end of hole MBX3141 at 13.5m, with the mineralisation open at depth. BRE will deploy auger and sonic drilling to extend the exploration into the REE enriched saprolite horizons.

As illustrated in Figure 8 below, the Pelé exploration target area is extensively covered by shallow Rio Tinto auger drilling and there are 220 pending re-assay results (~2,700m) that are expected to be received in the coming months.

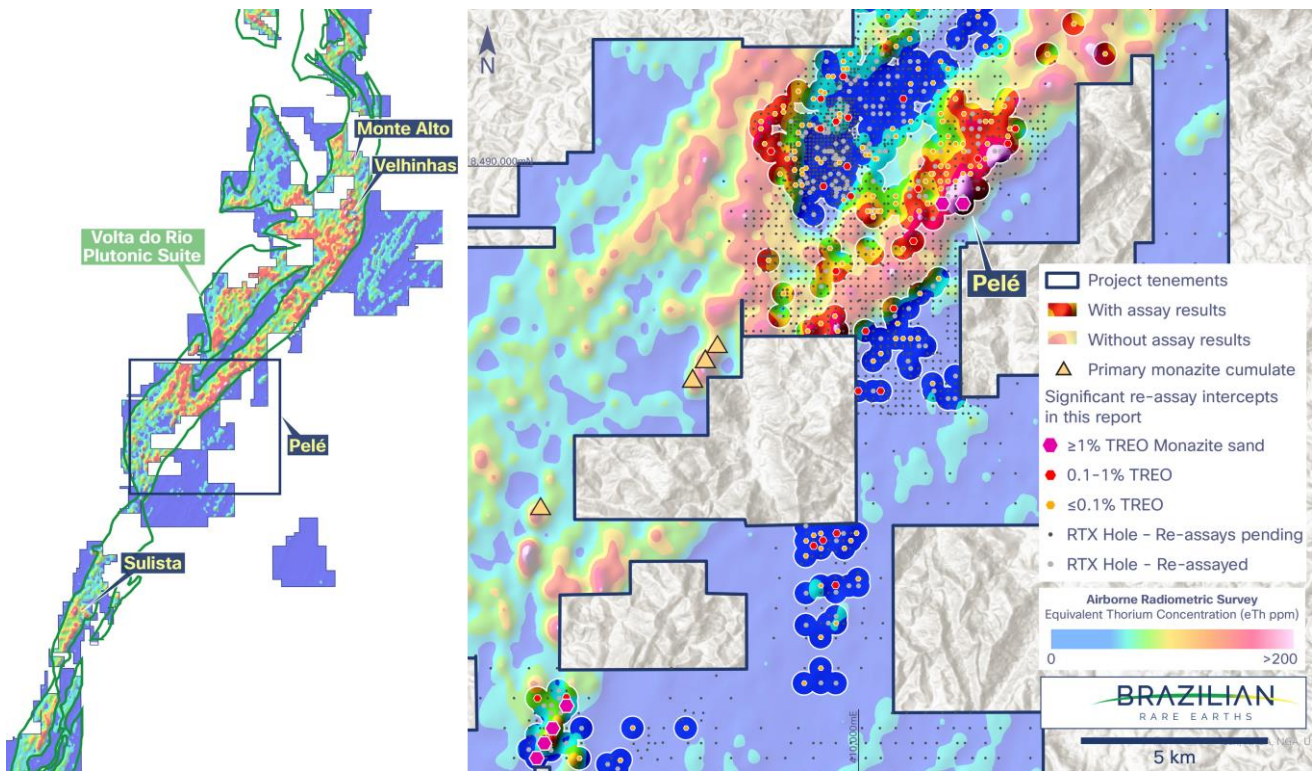


Figure 8: Initial re-assay and exploration results at the Pelé REE-Nb-Sc exploration project

Surface Drilling at Monte Alto and Velhinhas Projects

In addition to the Phase II diamond drilling campaign underway at the Monte Alto project, an auger drilling program has advanced across the project area to extend the monazite sand resource estimate of 25.2 Mt at 1.0% TREO.

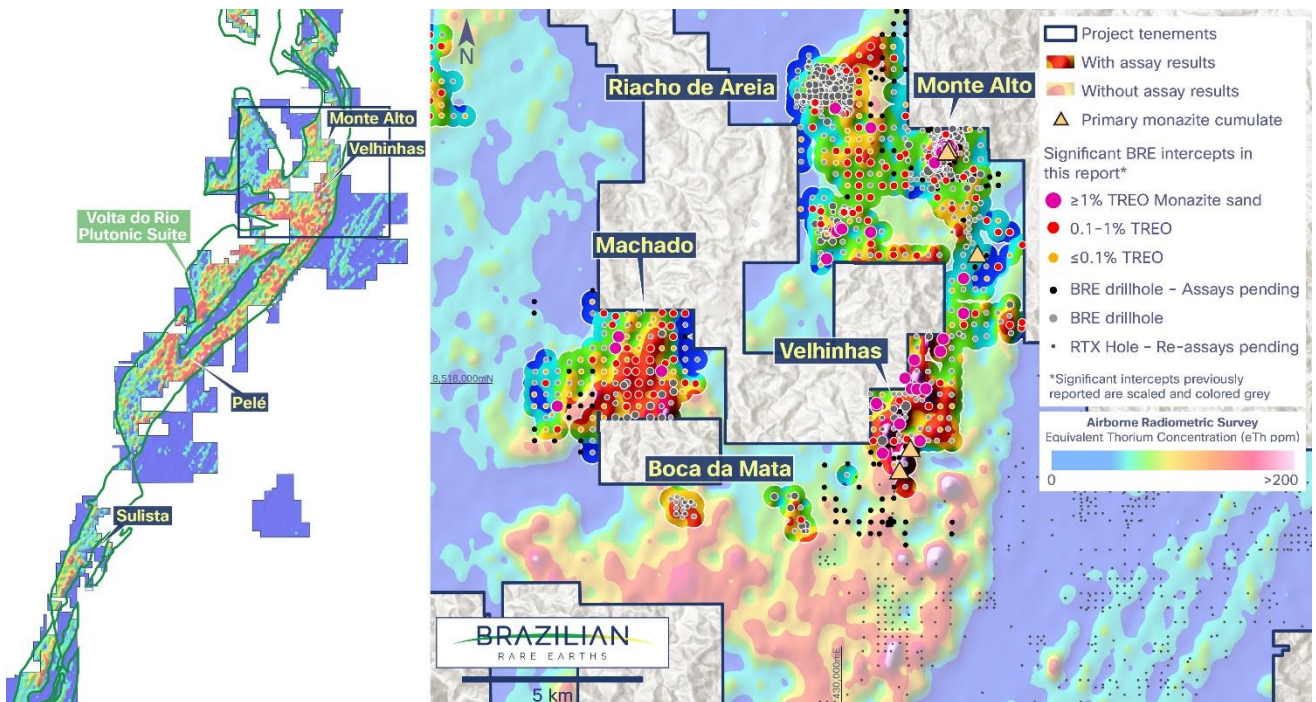


Figure 9: Exploration results at the Monte Alto and Velhinhas projects

Auger drilling across the Monte Alto exploration project area continues to discover shallow high-grade rare earth mineralisation. Significant new rare earth assays include:

- 21.9m at 1.9% TREO from surface, with 13.3% of NdPr and 0.7% of DyTb (STU0957)
 - Including 1.9m at 10.4% TREO from 20m, with 14.4% of NdPr and 0.8% of DyTb (STU0957 - open at depth)
- 19m at 4.8% TREO from surface with 14.9% of NdPr and 0.8% of DyTb (STU0969 – open at depth)
 - Including 7.5m at 10.5% TREO from 0.5m, with 14.5% of NdPr and 0.8% of DyTb (STU0969)
- 15m at 2.6% TREO from 9m, with 18.1% of NdPr and 0.9% of DyTb (STU0551)

Significant new assays from the shallow auger drilling exploration program at the Velhinhos project include:

- 13.5m at 0.9% TREO from surface, with 17.8% of NdPr and 0.9% of DyTb (STU0596 – open at depth)
 - Including 4m at 2.8% TREO from 4m, with 18.0% of NdPr and 0.9% of DyTb (SSU0097)
- 19m at 1.3% TREO from surface, with 17.1% of NdPr and 0.7% of DyTb (STU0867)
 - Including 5m at 4.6% TREO from 4m, with 17.3% of NdPr and 0.6% of DyTb (STU0867)

Next Steps

The highest priority Rio Tinto auger drill samples that cover the VRPS and key geophysical anomalies have now been dispatched for re-assay. Exploration assay results for over 11,000m from these high-priority drill holes are expected in the coming months.

At Pelé Target 1, detailed ground reconnaissance and gamma line surveys will be expedited over the potential 1km monazite cumulate outcrop trendline. Once the extensive outcrops and surface rock formations are systematically mapped, this highly prospective exploration trendline will be drill ready for step-back holes to explore the full extent of the mineralised system at depth.

Comprehensive gamma line surveys will be conducted over the highly prospective ~15km exploration corridors at Pelé Targets 2, 3 and 4 to assist with the design of targeted diamond drilling exploration programs.

The Phase II extension and infill diamond drilling campaign at the Monte Alto project remains on schedule and is expected to be completed by mid-year.

At the Sulista Project, the diamond drillhole to twin the historical high-grade REE-Nb-Sc intercept has been completed and dispatched with the historical core samples for laboratory assays. Mineralized intercepts +1% TREO from within the historical database of ~5,000m of auger drill holes have also been sent for laboratory re-assay with results expected early in the second quarter. Ground based reconnaissance and gamma line surveys are now underway across the Sulista exploration project area to map the full extent of surface rare earth mineralisation.

End Notes

The information contained in this announcement relating to BRE's historical exploration results is extracted from, or was set out in, the following ASX announcements (Original ASX Announcements) which are available to view at BRE's website at www.brazilianrareearths.com:

- The Prospectus dated 13 November 2023 (refer ASX announcement dated 19 December 2023)
- ASX Announcements dated 22 January 2024 and 1 February 2024

BRE confirms that it is not aware of any new information or data that materially affects the information included in the Original ASX Announcements.

Cautionary Statement Portable Gamma Spectrometer Results

Gamma spectrometer results included in this report are preliminary. The use of 'point location' gamma readings only provide an indication of the presence of gamma releasing minerals such as monazite. The mineralisation that is the subject of this report will be submitted for laboratory assay to determine full suite TREO grades.

This announcement has been authorized for release by the CEO and Managing Director.

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Forward-Looking Statements and Information

This Announcement may contain “forward-looking statements” and “forward-looking information”, including statements and forecasts which include (without limitation) expectations regarding industry growth and other trend projections, forward-looking statements about the BRE’s Projects, future strategies, results and outlook of BRE and the opportunities available to BRE. Often, but not always, forward-looking information can be identified by the use of words such as “plans”, “expects”, “is expected”, “is expecting”, “budget”, “outlook”, “scheduled”, “target”, “estimates”, “forecasts”, “intends”, “anticipates”, or “believes”, or variations (including negative variations) of such words and phrases, or state that certain actions, events or results “may”, “could”, “would”, “might”, or “will” be taken, occur or be achieved. Such information is based on assumptions and judgments of BRE regarding future events and results. Readers are cautioned that forward-looking information involves known and unknown risks, uncertainties and other factors which may cause the actual results, targets, performance or achievements of BRE to be materially different from any future results, targets, performance or achievements expressed or implied by the forward-looking information.

Forward-looking statements are not guarantees of future performance and involve known and unknown risks, uncertainties, assumptions and other important factors, many of which are beyond the control of the Company, the Directors and management of the Company. Key risk factors associated with an investment in the Company are detailed in Section 3 of the Prospectus dated 13 November 2023. These and other factors could cause actual results to differ materially from those expressed in any forward-looking statements.

Forward-looking information and statements are (further to the above) based on the reasonable assumptions, estimates, analysis and opinions of BRE made in light of its perception of trends, current conditions and expected developments, as well as other factors that BRE believes to be relevant and reasonable in the circumstances at the date such statements are made, but which may prove to be incorrect. Although BRE believes that the assumptions and expectations reflected in such forward-looking statements and information (including as described in this Announcement) are reasonable, readers are cautioned that this is not exhaustive of all factors which may impact on the forward-looking information.

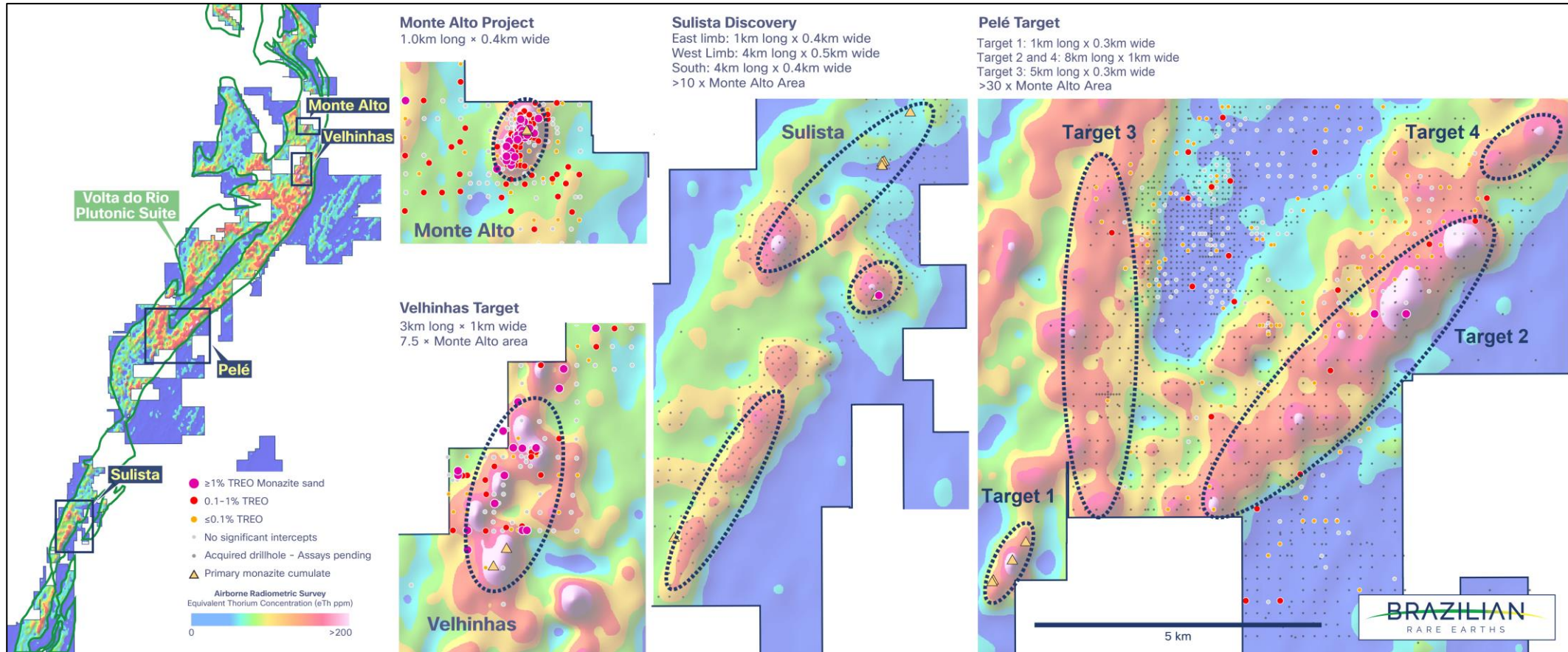
The Company cannot and does not give assurances that the results, performance or achievements expressed or implied in the forward-looking information or statements detailed in this Announcement will actually occur and prospective investors are cautioned not to place undue reliance on these forward-looking information or statements.

Forward looking statements in these materials speak only at the date of issue. Subject to any continuing obligations under applicable law or any relevant stock exchange listing rules, in providing this information the Company does not undertake any obligation to publicly update or revise any of the forward-looking statements or to advise of any change in events, conditions or circumstances on which any such statement is based.

Competent Persons Statement

The information in this announcement that relates to Exploration Results is based on, and fairly represents, information compiled or reviewed by Mr Adam Karst P.G, a Competent Person who is a registered member of the Society of Mining, Metallurgy and Exploration which is a Recognised Overseas Professional Organisation. Mr Karst has sufficient experience that is relevant to the style of mineralisation and types of deposit under consideration and to the activity being undertaken to qualify as a Competent Person as defined in the 2012 Edition of the Joint Ore Reserves Committee Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves. Mr. Karst consents to the inclusion in this report of the results of the matters based on his information in the form and context in which it appears.

APPENDIX A: Relative scale of current BRE rare earth exploration projects



APPENDIX B: BRE Auger and Sonic Drillhole Information and Significant Regolith Intercepts

A full list of drillholes with significant intercepts > 200ppm TREO-CeO₂ greater than 5m length downhole. All holes are drilled vertically.

Hole ID	Target	East	North	Elev. (m)	Depth (m)	Label	From (m)	To (m)	Interval (m)	TREO (ppm)	TREO-CeO ₂ (ppm)	NdPr (ppm)	DyTb (ppm)	NdPr: TREO (%)	HREO: TREO (%)	NdPr: TREO (%)
SSU0065	RDA	429,258	8,525,485	568.38	14.00		5.00	10.00	5.00	2,776	1,530	544	41	21.9	15.4	33.0
SSU0066	RDA	429,266	8,525,733	512.56	33.00		6.00	16.00	10.00	4,017	2,784	893	59	21.4	14.3	31.7
		429,266	8,525,733	512.56	33.00	and	28.00	30.00	2.00	2,140	1,347	420	42	19.6	17.3	32.2
SSU0067	RDA	429,523	8,524,806	656.19	5.65	No Sig. Ints.										
SSU0068	RDA	430,158	8,525,440	602.12	55.15		0.00	10.00	10.00	1,043	546	170	18	16.0	18.6	29.8
		430,158	8,525,440	602.12	55.15	and	12.00	44.00	32.00	1,392	839	234	30	17.0	23.8	35.4
SSU0069	RDA	430,115	8,525,432	591.98	49.95		4.00	39.95	35.95	1,296	815	233	28	17.5	22.2	34.5
SSU0070	RDA	430,012	8,525,429	575.19	40.10		0.00	22.00	22.00	1,075	632	187	18	17.0	18.7	31.3
		430,012	8,525,429	575.19	40.10	and	24.00	28.00	4.00	2,445	1,331	443	26	18.2	11.1	26.2
SSU0071	RDA	429,961	8,525,475	565.09	31.35		4.00	24.00	20.00	1,964	1,178	415	32	17.8	16.0	29.9
		429,961	8,525,475	565.09	31.35	including	16.00	24.00	8.00	3,421	2,166	798	60	20.6	16.7	33.3
SSU0072	RDA	429,905	8,525,495	556.42	21.20		0.00	20.00	20.00	1,113	588	172	20	15.5	18.7	29.8
SSU0073	RDA	429,906	8,525,498	556.15	21.65		2.00	21.65	19.65	1,223	684	206	22	16.5	18.9	30.9
SSU0074	RDA	429,821	8,525,575	535.35	36.00		6.35	20.00	13.65	3,851	2,458	869	48	16.4	13.9	26.5
		429,821	8,525,575	535.35	36.00	including	17.00	20.00	3.00	10,828	8,154	2,967	130	24.7	9.5	30.6
SSU0075	RDA	429,821	8,525,576	535.52	47.45		2.00	12.00	10.00	1,239	494	160	17	13.2	13.7	23.4
		429,821	8,525,576	535.52	47.45	and	14.00	24.00	10.00	4,282	3,091	1,045	69	22.3	15.5	33.5
		429,821	8,525,576	535.52	47.45	including	16.40	17.60	1.20	11,417	8,628	3,187	130	27.9	9.9	33.9
		429,821	8,525,576	535.52	47.45	and	26.00	32.00	6.00	849	563	137	24	15.9	29.4	39.0
		429,821	8,525,576	535.52	47.45	and	34.00	46.00	12.00	702	411	117	13	16.2	20.9	32.0
SSU0076	RDA	429,798	8,525,544	536.15	38.00		10.00	38.00	28.00	1,970	1,323	428	36	19.3	18.8	33.5
SSU0077	RDA	430,129	8,526,613	505.39	48.00		1.10	28.00	26.90	1,567	917	275	32	17.4	22.3	34.3
		430,129	8,526,613	505.39	48.00	and	36.00	48.00	12.00	1,490	913	248	32	16.3	26.2	36.5
		430,129	8,526,613	505.39	48.00	including	40.00	42.00	2.00	3,269	1,843	593	49	18.1	16.6	30.2
SSU0078	RDA	429,688	8,526,579	441.53	23.95		0.00	8.00	8.00	1,040	614	166	23	16.1	22.7	33.5
SSU0081	RDA	429,985	8,522,217	531.97	26.55		8.00	26.00	18.00	1,107	791	258	26	21.9	25.3	41.3
SSU0082	RDA	429,907	8,522,292	545.01	24.00		7.50	23.60	16.10	2,383	1,423	466	47	17.4	18.1	30.8
		429,907	8,522,292	545.01	24.00	including	14.00	19.00	5.00	4,999	2,921	1,052	99	20.2	14.6	30.1
SSU0083	RDA	429,903	8,522,157	550.71	38.60		10.35	36.60	26.25	1,663	776	272	16	17.0	11.0	24.8
		429,903	8,522,157	550.71	38.60	including	19.00	32.00	13.00	2,573	1,129	388	22	15.9	8.3	21.4
SSU0084	RDA	429,818	8,522,218	572.70	42.71		27.00	41.00	14.00	1,083	693	215	22	18.4	18.7	31.9
		429,818	8,522,218	572.70	42.71	including	34.00	36.00	2.00	2,538	1,849	606	56	23.9	20.1	38.6
SSU0085	RDA	429,742	8,522,215	582.71	28.75		10.00	28.00	18.00	2,251	1,085	378	24	15.5	8.6	21.5
SSU0086	RDA	429,742	8,522,137	575.66	26.35	No Sig. Ints.										
SSU0087	RDA	429,736	8,522,065	565.78	42.00		29.00	42.00	13.00	877	573	175	11	19.2	12.2	27.6

Hole ID	Target	East	North	Elev. (m)	Depth (m)	Label	From (m)	To (m)	Interval (m)	TREO (ppm)	TREO-CeO ₂ (ppm)	NdPr (ppm)	DyTb (ppm)	NdPr: TREO (%)	HREO: TREO (%)	NdPr: TREO (%)
SSU0088	RDA	429,580	8,522,111	576.37	28.90		17.00	24.00	7.00	638	290	97	4	14.6	5.4	17.7
SSU0089	RDA	429,426	8,522,378	553.28	42.00		32.75	42.00	9.25	1,238	704	261	20	20.9	20.2	35.0
SSU0090	RDA	429,911	8,522,229	542.86	24.40		14.00	24.00	10.00	13,213	10,560	3,571	387	20.1	26.5	39.5
SSU0091	RDA	430,063	8,522,706	583.87	30.00		5.00	29.35	24.35	1,266	547	174	10	14.6	8.0	19.9
		430,063	8,522,706	583.87	30.00	including	14.00	20.00	6.00	2,177	716	247	13	11.3	5.4	14.8
SSU0092	RDA	430,223	8,522,458	551.90	37.95		7.00	24.00	17.00	968	447	118	8	11.3	9.1	17.8
SSU0093	RDA	430,304	8,522,687	609.11	45.95		11.00	45.95	34.95	1,796	1,109	325	40	16.5	19.9	31.6
		430,304	8,522,687	609.11	45.95	including	27.00	39.00	12.00	3,872	2,383	714	91	17.9	25.8	37.9
SSU0094	RDA	430,034	8,521,883	524.87	16.00	No Sig. Ints.										
SSU0095	RDA	429,426	8,522,730	480.35	20.50		0.00	17.10	17.10	1,623	966	297	43	17.4	19.9	32.2
		429,426	8,522,730	480.35	20.50	including	9.75	17.10	7.35	2,875	1,789	545	87	18.6	26.3	38.6
SSU0096	RDA	429,409	8,522,858	522.94	28.00		6.00	26.00	20.00	977	629	212	29	21.9	25.9	41.1
SSU0097	RDA	429,866	8,522,180	559.84	39.80		22.00	39.80	17.80	7,200	4,844	1,639	115	13.7	19.8	28.5
		429,866	8,522,180	559.84	39.80	including	30.00	37.90	7.90	15,067	10,368	3,555	241	16.6	21.9	32.6
SSU0098	RDA	429,950	8,522,181	540.64	28.00		12.00	28.00	16.00	1,438	554	176	11	14.4	9.4	20.9
SSU0099	RDA	429,940	8,522,251	535.09	20.00		10.00	20.00	10.00	1,601	1,434	241	65	15.0	39.4	47.7
		429,940	8,522,251	535.09	20.00	including	14.00	16.60	2.60	4,514	4,291	692	202	15.8	58.5	66.0
SSU0100	RDA	429,968	8,522,277	529.10	20.00		12.00	17.00	5.00	6,262	5,881	1,515	242	22.9	37.4	52.0
		429,968	8,522,277	529.10	20.00	including	15.00	16.00	1.00	13,516	13,187	3,286	569	24.3	41.0	56.5
SSU0101	RDA	429,948	8,522,332	539.87	18.00		12.00	17.20	5.20	2,880	1,335	445	48	14.1	13.2	23.3
SSU0102	RDA	430,000	8,522,302	530.06	18.00		8.00	16.55	8.55	3,132	2,726	600	110	16.8	24.1	35.3
		430,000	8,522,302	530.06	18.00	including	12.00	16.00	4.00	5,626	5,171	1,139	219	21.4	37.4	50.6
SSU0103	RDA	429,845	8,522,255	569.07	36.00		19.00	34.80	15.80	2,649	1,731	589	49	18.6	12.2	26.6
SSU0104	RDA	430,005	8,522,245	531.67	24.00		12.00	20.00	8.00	3,501	970	141	85	11.1	34.4	38.7
		430,005	8,522,245	531.67	24.00	including	12.00	15.00	3.00	8,085	1,458	174	169	2.0	12.2	10.9
		430,005	8,522,245	531.67	24.00	including	14.00	15.00	1.00	17,362	3,362	388	403	2.2	15.4	13.6
SSU0105	RDA	429,419	8,521,260	584.73	38.00		26.00	38.00	12.00	625	307	93	5	15.7	10.7	22.7
SSU0106	RDA	429,584	8,521,424	599.51	29.25		15.00	29.00	14.00	3,336	2,188	746	67	17.2	14.4	27.3
		429,584	8,521,424	599.51	29.25	including	24.00	26.00	2.00	14,032	9,575	3,453	304	24.6	17.6	36.5
SSU0107	RDA	429,515	8,521,491	583.93	30.00	No Sig. Ints.										
SSU0108	BM	428,878	8,514,228	588.37	29.70		13.00	29.70	16.70	1,398	789	247	23	18.5	16.6	30.2
		428,878	8,514,228	588.37	29.70	including	24.00	26.00	2.00	4,750	2,602	755	62	16.4	14.6	27.4
SSU0109	MCD	424,085	8,517,672	695.05	26.65		13.00	26.65	13.65	975	489	158	11	12.7	9.3	19.2
		424,085	8,517,672	695.05	26.65	including	23.00	26.00	3.00	2,599	1,370	457	30	18.8	11.8	27.1
SSU0110	MCD	424,061	8,517,348	678.23	26.00		0.40	26.00	25.60	1,349	803	231	25	15.6	19.4	30.2
SSU0111	VLH	431,441	8,516,394	709.04	36.00		26.00	35.00	9.00	1,730	993	354	27	16.6	8.8	22.3
		431,441	8,516,394	709.04	36.00	including	30.00	32.00	2.00	4,933	2,709	1,172	91	23.6	13.6	32.7
SSU0112	VLH	431,125	8,517,358	700.10	34.80	No Sig. Ints.										
SSU0113	VLH	431,798	8,516,453	632.09	26.40		0.00	10.00	10.00	1,088	599	189	8	16.4	6.6	20.6
STU0492	3B	425,679	8,507,763	460.52	18.00		9.00	18.00	9.00	2,193	1,711	577	48	24.8	19.6	39.2
STU0493	MCD	423,446	8,517,361	707.27	12.00		0.50	6.00	5.50	646	236	74	7	12.2	12.5	21.6
STU0494	VLH	432,972	8,517,017	589.80	11.25	No Sig. Ints.										

Hole ID	Target	East	North	Elev. (m)	Depth (m)	Label	From (m)	To (m)	Interval (m)	TREO (ppm)	TREO-CeO ₂ (ppm)	NdPr (ppm)	DyTb (ppm)	NdPr: TREO (%)	HREO: TREO (%)	NdPr: TREO (%)
STU0495	MA	432,646	8,524,315	665.52	30.00		0.00	30.00	30.00	3,332	1,905	787	40	22.2	9.4	28.2
STU0496	3B	425,347	8,503,295	568.09	5.65	No Sig. Ints.										
STU0497	MCD	423,436	8,517,035	718.73	19.80		3.00	19.80	16.80	648	254	73	7	9.7	10.4	17.2
STU0498	VLH	432,088	8,518,963	695.80	8.00	No Sig. Ints.										
STU0499	VLH	432,724	8,517,038	638.24	7.30		0.00	5.00	5.00	728	377	109	6	15.1	8.6	21.0
STU0500	3B	425,983	8,503,257	479.82	9.00	No Sig. Ints.										
STU0501	PLM	422,958	8,551,847	801.79	22.60	No Sig. Ints.										
STU0502	MCD	425,040	8,519,600	647.43	14.60		0.00	14.60	14.60	1,390	765	251	21	16.4	14.7	27.1
		425,040	8,519,600	647.43	14.60	including	5.00	10.00	5.00	2,597	1,485	504	43	19.4	15.4	30.6
STU0503	MCD	424,317	8,518,319	634.33	12.85		0.00	12.85	12.85	1,024	464	142	12	13.6	12.3	22.7
STU0504	MA	432,472	8,524,321	647.37	10.90	No Sig. Ints.										
STU0505	3B	424,884	8,502,956	584.52	13.35		3.00	13.35	10.35	870	412	137	4	15.7	5.4	19.0
STU0506	PLM	422,959	8,551,766	791.42	8.65	No Sig. Ints.										
STU0507	VLH	433,035	8,517,993	616.41	12.65	No Sig. Ints.										
STU0508	MCD	423,848	8,519,279	638.12	23.25		2.00	23.25	21.25	1,848	1,130	356	34	12.4	31.7	36.4
		423,848	8,519,279	638.12	23.25	including	18.00	23.00	5.00	6,157	3,828	1,341	97	20.7	14.6	30.8
		423,848	8,519,279	638.12	23.25	including	18.00	20.00	2.00	10,571	6,487	2,356	158	21.6	12.2	29.6
STU0509	VLH	432,714	8,516,712	599.57	7.50		0.00	5.00	5.00	445	219	62	5	14.0	11.9	22.7
STU0510	3B	425,981	8,507,598	385.48	17.80		0.00	17.80	17.80	700	349	125	9	17.3	12.5	26.0
STU0511	3B	426,320	8,503,280	409.78	9.00		2.00	9.00	7.00	974	316	116	3	12.0	3.9	14.5
STU0512	3B	425,710	8,503,623	498.94	6.00		0.00	6.00	6.00	1,329	480	161	7	12.2	5.4	15.9
STU0513	MCD	424,079	8,518,322	680.10	14.00		0.00	8.00	8.00	1,271	731	157	22	11.2	29.3	32.8
		424,079	8,518,322	680.10	14.00	including	2.00	4.00	2.00	2,687	1,375	377	18	13.9	6.8	18.7
STU0514	3B	425,679	8,504,559	255.68	3.15	No Sig. Ints.										
STU0515	MCD	425,031	8,518,327	648.40	27.65		5.00	27.65	22.65	2,493	1,580	522	55	17.9	19.4	32.2
		425,031	8,518,327	648.40	27.65	including	16.00	26.00	10.00	4,404	3,020	1,010	106	23.1	23.3	40.3
		425,031	8,518,327	648.40	27.65	including	17.00	18.00	1.00	13,569	9,394	3,606	274	26.6	17.4	38.6
STU0516	3B	426,238	8,507,775	354.97	5.75		0.00	5.75	5.75	475	248	106	5	20.4	12.4	29.3
STU0517	PLM	423,041	8,551,681	784.11	20.00		7.00	20.00	13.00	2,791	1,459	501	24	11.5	7.5	16.7
		423,041	8,551,681	784.11	20.00	including	18.00	20.00	2.00	16,327	8,675	3,069	151	18.9	8.8	24.8
STU0518	3B	425,758	8,503,910	358.23	8.40		0.00	8.00	8.00	993	479	203	7	19.5	6.0	23.7
STU0519	3B	423,758	8,504,559	362.05	9.80	No Sig. Ints.										
STU0520	3B	426,323	8,502,302	402.17	14.80		0.00	14.80	14.80	1,245	602	204	10	16.2	9.1	22.7
		426,323	8,502,302	402.17	14.80	including	10.00	12.00	2.00	2,527	1,337	450	20	17.8	7.1	22.4
STU0521	3B	425,684	8,504,882	290.10	3.00	No Sig. Ints.										
STU0522	MCD	423,439	8,519,919	666.44	24.35		15.00	24.35	9.35	1,979	1,080	315	18	15.4	10.3	22.7
STU0523	VLH	433,037	8,518,317	650.37	23.65	No Sig. Ints.										
STU0524	MA	432,400	8,524,235	602.53	20.05		4.00	20.05	16.05	1,072	719	199	13	19.0	12.8	27.9
		432,400	8,524,235	602.53	20.05	including	10.00	12.00	2.00	2,776	1,825	539	32	19.4	10.3	26.3
STU0525	MCD	425,047	8,519,941	673.73	22.70		7.00	22.70	15.70	1,305	761	223	25	17.0	19.7	31.8
STU0526	3B	423,519	8,503,679	506.61	2.90	No Sig. Ints.										
STU0527	VLH	431,758	8,517,687	771.45	4.50	No Sig. Ints.										

Hole ID	Target	East	North	Elev. (m)	Depth (m)	Label	From (m)	To (m)	Interval (m)	TREO (ppm)	TREO-CeO ₂ (ppm)	NdPr (ppm)	DyTb (ppm)	NdPr: TREO (%)	HREO: TREO (%)	NdPr: TREO (%)
STU0528	3B	424,433	8,503,005	658.88	2.15	No Sig. Ints.										
STU0529	VLH	432,714	8,517,678	695.39	30.00	No Sig. Ints.										
STU0530	PLM	422,877	8,551,920	837.88	15.75	No Sig. Ints.										
STU0531	3L	418,639	8,525,778	646.56	5.90		0.00	5.90	5.90	1,105	622	217	15	19.6	13.2	28.9
STU0532	MCD	423,759	8,518,318	687.09	24.40		16.00	24.40	8.40	963	529	148	14	15.5	14.9	26.2
STU0533	VLH	433,039	8,517,661	616.76	8.90	No Sig. Ints.										
STU0534	PLM	422,831	8,551,905	857.53	16.60		0.00	8.00	8.00	892	445	122	3	12.2	7.5	16.9
STU0535	MA	432,487	8,524,244	617.10	10.85	No Sig. Ints.										
STU0536	MA	433,367	8,519,596	544.18	29.65		0.00	29.65	29.65	1,460	834	264	21	16.2	14.4	27.0
STU0537	VLH	432,720	8,517,999	628.33	13.35		0.00	13.35	13.35	2,908	1,496	507	17	17.4	6.2	21.4
		432,720	8,517,999	628.33	13.35	including	4.00	10.00	6.00	4,953	2,592	855	28	16.8	5.0	19.9
STU0538	VLH	432,402	8,517,366	667.47	29.40		0.00	29.40	29.40	5,210	2,648	850	22	16.2	7.5	21.3
		432,402	8,517,366	667.47	29.40	including	13.00	29.40	16.40	8,990	4,565	1,464	36	15.3	4.4	18.1
STU0539	MCD	425,360	8,518,318	715.04	30.00		0.00	30.00	30.00	930	426	120	12	13.5	11.9	21.9
STU0540	VLH	431,119	8,517,680	679.29	27.85		0.00	13.00	13.00	562	297	97	5	17.0	7.5	21.1
STU0541	MCD	424,074	8,519,900	627.51	24.00		19.00	24.00	5.00	760	372	143	10	18.7	9.9	25.6
STU0542	MCD	423,439	8,518,314	704.55	9.45		0.00	9.45	9.45	834	389	125	12	14.4	17.3	27.0
STU0543	VLH	432,004	8,518,635	717.20	9.00		0.50	9.00	8.50	5,498	2,674	828	15	15.4	5.1	18.5
		432,004	8,518,635	717.20	9.00	including	5.00	9.00	4.00	10,638	5,172	1,590	26	15.0	3.8	17.2
STU0544	3B	425,984	8,501,968	432.09	16.00		11.00	16.00	5.00	672	319	101	3	14.6	8.0	20.1
STU0545	3B	428,557	8,506,167	766.88	8.00		3.00	8.00	5.00	893	439	148	4	16.5	6.4	20.7
STU0546	MCD	423,764	8,519,840	616.28	27.90		0.00	27.90	27.90	2,342	1,186	420	33	15.4	11.6	23.6
STU0547	VLH	430,814	8,517,370	731.71	2.60	No Sig. Ints.										
STU0548	MA	432,559	8,524,314	662.31	16.15	No Sig. Ints.										
STU0549	3L	418,640	8,526,332	600.50	4.15	No Sig. Ints.										
STU0550	VLH	432,484	8,518,003	636.72	18.00	No Sig. Ints.										
STU0551	MA	433,360	8,519,919	602.04	30.00		9.00	24.00	15.00	26,377	13,508	4,786	242	18.1	8.5	23.9
STU0552	3B	423,761	8,503,682	546.57	26.70		0.00	26.70	26.70	1,284	760	257	15	19.6	11.0	27.3
STU0553	VLH	430,959	8,517,363	688.45	8.70		0.00	8.70	8.70	12,577	6,696	2,541	161	20.3	9.2	26.4
STU0554	3B	425,998	8,504,549	248.92	9.65	No Sig. Ints.										
STU0555	3B	426,320	8,504,550	290.02	15.00		5.00	15.00	10.00	776	313	104	4	13.3	5.5	17.0
STU0556	3L	418,642	8,526,014	646.26	9.50		3.00	9.50	6.50	985	530	185	13	19.1	12.2	28.1
STU0557	MCD	423,677	8,519,606	613.05	19.45		0.00	19.45	19.45	2,918	1,567	558	19	18.3	6.1	21.9
STU0558	VLH	432,719	8,517,360	649.63	18.90		0.50	18.90	18.40	860	377	126	7	14.4	8.1	20.1
STU0559	MCD	423,435	8,518,641	688.54	30.00		25.00	30.00	5.00	777	370	137	8	18.3	10.5	25.4
STU0560	MCD	425,683	8,518,004	662.85	30.00		15.00	30.00	15.00	1,389	734	246	18	17.4	13.9	27.6
STU0561	MA	432,720	8,524,310	659.90	25.65	No Sig. Ints.										
STU0562	3B	426,320	8,504,250	258.81	10.00	No Sig. Ints.										
STU0563	MCD	424,720	8,519,600	671.79	30.00		0.00	30.00	30.00	840	456	105	14	12.6	21.0	28.6
STU0564	VLH	431,120	8,517,360	700.10	30.00		0.50	10.00	9.50	739	437	161	16	21.6	15.5	32.1
		431,120	8,517,360	700.10	30.00	and	25.00	30.00	5.00	1,423	820	279	33	19.6	17.2	31.9
STU0565	MA	433,685	8,519,914	550.65	23.00		10.00	23.00	13.00	3,527	1,860	563	35	15.3	8.7	21.3

Hole ID	Target	East	North	Elev. (m)	Depth (m)	Label	From (m)	To (m)	Interval (m)	TREO (ppm)	TREO-CeO ₂ (ppm)	NdPr (ppm)	DyTb (ppm)	NdPr: TREO (%)	HREO: TREO (%)	NdPr: TREO (%)
STU0566	3B	426,482	8,504,710	350.34	5.10		0.00	5.10	5.10	857	338	116	5	13.5	5.5	17.1
STU0567	3B	426,409	8,504,391	285.15	11.00		0.00	11.00	11.00	768	337	123	5	15.9	6.5	20.4
STU0568	MCD	425,969	8,517,983	676.62	11.00		2.00	11.00	9.00	1,279	988	443	26	25.6	13.5	34.2
		425,969	8,517,983	676.62	11.00	including	7.00	11.00	4.00	2,151	1,940	884	52	39.1	20.3	51.6
STU0569	VLH	432,800	8,519,211	604.25	30.00		15.00	30.00	15.00	2,352	1,283	403	21	14.6	6.4	19.1
		432,800	8,519,211	604.25	30.00	including	28.00	29.00	1.00	12,366	6,205	2,640	148	21.4	8.5	26.7
STU0570	VLH	433,041	8,517,360	600.57	27.70		0.00	11.00	11.00	761	418	115	5	16.6	9.0	22.8
STU0571	MCD	423,450	8,519,597	687.16	21.80	No Sig. Ints.										
STU0572	MA	433,996	8,519,921	536.97	15.50	No Sig. Ints.										
STU0573	3L	418,630	8,525,358	586.45	8.55		0.00	8.55	8.55	2,696	1,475	525	53	19.4	16.6	31.7
STU0574	MCD	425,680	8,518,640	686.21	8.80	No Sig. Ints.										
STU0575	3B	418,982	8,506,182	605.91	30.00		8.00	19.00	11.00	542	267	92	3	17.4	6.8	21.9
STU0576	MA	432,716	8,524,235	648.45	30.00		0.00	28.00	28.00	1,062	364	120	6	11.6	6.4	16.2
		432,716	8,524,235	648.45	30.00	including	4.00	6.00	2.00	3,361	1,146	378	19	11.2	5.4	15.0
STU0577	VLH	432,390	8,518,300	681.10	18.15	No Sig. Ints.										
STU0578	MA	434,315	8,519,922	516.44	11.30	No Sig. Ints.										
STU0579	VLH	431,918	8,516,544	608.56	17.00	No Sig. Ints.										
STU0580	3B	419,289	8,506,161	602.37	19.20		7.00	19.20	12.20	844	400	150	9	17.3	9.7	24.2
STU0581	MCD	425,363	8,518,649	646.11	9.50		0.00	9.50	9.50	1,227	695	258	21	19.7	16.0	31.3
STU0582	3B	426,635	8,504,242	267.90	11.50		0.00	11.50	11.50	1,060	474	155	6	14.5	6.0	18.4
STU0583	3L	418,965	8,525,373	636.29	5.00		0.00	5.00	5.00	881	521	174	15	19.7	15.0	30.5
STU0584	VLH	430,797	8,517,031	710.13	30.00		0.00	15.00	15.00	788	425	139	5	14.8	6.0	18.8
STU0585	MCD	423,775	8,518,536	637.78	28.00		10.00	28.00	18.00	1,017	436	131	14	12.0	16.8	24.3
STU0586	VLH	432,723	8,518,871	587.69	16.00		0.00	16.00	16.00	2,470	1,297	456	23	16.6	9.4	22.9
		432,723	8,518,871	587.69	16.00	including	8.00	9.00	1.00	17,930	9,248	3,222	123	18.0	5.6	21.5
STU0587	VLH	431,887	8,516,416	613.80	12.45		4.00	12.00	8.00	413	252	85	5	19.8	15.2	31.1
STU0588	MA	434,637	8,519,837	520.91	9.20	No Sig. Ints.										
STU0589	3L	419,284	8,525,355	622.65	1.70	No Sig. Ints.										
STU0590	MCD	425,595	8,517,768	642.41	30.00		0.00	30.00	30.00	743	349	103	10	12.8	14.6	23.6
STU0591	3B	426,629	8,504,556	338.85	17.80		0.00	17.80	17.80	925	346	121	5	14.1	6.0	18.2
STU0592	VLH	430,791	8,517,681	702.88	13.00	No Sig. Ints.										
STU0593	MCD	424,392	8,519,600	668.77	24.00		8.00	19.00	11.00	493	242	66	8	10.8	28.3	33.0
STU0594	VLH	433,049	8,518,638	587.36	17.00	No Sig. Ints.										
STU0595	MCC	431,439	8,523,439	662.30	30.00		9.00	25.00	16.00	1,335	674	223	12	15.8	7.2	20.7
		431,439	8,523,439	662.30	30.00	including	16.00	22.00	6.00	2,105	1,046	359	19	16.8	7.7	21.9
STU0596	VLH	431,745	8,518,131	771.32	13.45		0.00	13.45	13.45	8,710	4,008	1,550	76	13.8	8.2	19.4
		431,745	8,518,131	771.32	13.45	including	0.00	4.00	4.00	28,084	12,951	5,046	247	14.9	6.4	19.2
STU0597	3B	426,970	8,504,853	504.42	2.85	No Sig. Ints.										
STU0598	3B	426,962	8,504,565	412.45	12.85		0.00	12.85	12.85	1,955	902	305	11	15.4	5.6	18.9
STU0599	MCD	425,281	8,517,447	688.56	23.00	No Sig. Ints.										
STU0600	3L	419,612	8,525,359	682.74	7.25		2.00	7.25	5.25	811	456	134	16	17.2	20.2	33.0
STU0601	RDA	428,891	8,524,084	492.10	10.00	No Sig. Ints.										

Hole ID	Target	East	North	Elev. (m)	Depth (m)	Label	From (m)	To (m)	Interval (m)	TREO (ppm)	TREO-CeO ₂ (ppm)	NdPr (ppm)	DyTb (ppm)	NdPr: TREO (%)	HREO: TREO (%)	NdPr: TREO (%)
STU0602	MA	432,796	8,524,229	629.10	30.00		20.00	30.00	10.00	1,407	223	54	17	4.3	7.6	9.6
STU0603	3B	419,600	8,506,160	622.38	25.75	No Sig. Ints.										
STU0604	MA	434,961	8,519,597	577.90	30.00		0.00	30.00	30.00	8,755	4,816	1,859	147	20.8	11.6	28.4
STU0605	MCD	424,077	8,518,641	706.16	30.00		0.00	30.00	30.00	713	285	81	9	11.2	14.6	21.9
STU0606	MCC	430,803	8,521,838	624.35	8.30		2.00	8.30	6.30	1,732	935	242	11	13.5	5.5	17.2
STU0607	3B	419,919	8,506,160	572.14	10.70	No Sig. Ints.										
STU0608	3B	426,999	8,505,197	648.66	8.00	No Sig. Ints.										
STU0609	MA	433,703	8,523,100	460.50	6.60		0.00	6.60	6.60	8,305	4,635	1,272	137	15.0	25.2	35.1
STU0610	RDA	428,892	8,524,399	512.76	14.35	No Sig. Ints.										
STU0611	MA	433,655	8,521,591	460.80	4.30	No Sig. Ints.										
STU0612	MCD	424,717	8,518,638	640.58	23.75		3.00	23.75	20.75	1,192	482	162	15	12.6	13.0	22.2
STU0613	MA	432,945	8,524,310	586.45	8.15	No Sig. Ints.										
STU0614	3L	418,956	8,525,662	660.97	8.00		0.50	8.00	7.50	803	426	146	11	18.0	12.2	26.8
STU0615	MCC	430,800	8,521,512	686.31	9.60	No Sig. Ints.										
STU0616	MCD	424,409	8,519,252	718.69	30.00		0.00	23.00	23.00	893	416	101	12	8.7	23.7	27.2
STU0617	VLH	431,595	8,516,392	672.26	30.00	No Sig. Ints.										
STU0618	3B	427,281	8,504,867	655.43	6.85		0.00	6.85	6.85	1,550	612	225	11	14.6	6.2	18.7
STU0619	RDA	428,883	8,524,720	516.78	14.00		5.00	14.00	9.00	606	276	99	9	14.9	13.6	24.3
STU0620	VLH	431,585	8,516,554	629.10	10.80	No Sig. Ints.										
STU0621	MCD	425,275	8,517,046	730.02	30.00	No Sig. Ints.										
STU0622	MA	432,960	8,524,399	571.77	19.75		10.00	19.75	9.75	1,610	509	189	8	12.8	4.8	15.8
STU0623	3L	418,960	8,525,999	658.29	11.15		0.50	11.15	10.65	1,221	683	231	18	18.4	12.3	27.2
STU0624	MCD	423,437	8,518,962	688.19	7.45	No Sig. Ints.										
STU0625	MA	434,637	8,519,599	570.41	26.85		19.00	26.85	7.85	1,938	949	339	27	17.2	11.7	25.3
STU0626	MCD	425,133	8,518,537	618.78	16.75		0.00	16.75	16.75	1,109	581	184	18	14.0	15.2	24.8
		425,133	8,518,537	618.78	16.75	including	10.00	14.00	4.00	2,380	1,497	511	42	21.5	17.3	33.7
STU0627	MCC	431,031	8,521,516	622.61	20.00		10.00	20.00	10.00	1,087	605	176	17	15.7	15.0	26.7
STU0628	3B	426,964	8,505,519	644.06	4.00	No Sig. Ints.										
STU0629	VLH	431,597	8,517,677	791.47	9.45	No Sig. Ints.										
STU0630	RDA	428,870	8,525,042	509.25	6.25	No Sig. Ints.										
STU0631	VLH	431,593	8,517,516	731.36	8.75		0.00	8.75	8.75	1,882	893	275	7	14.3	5.2	17.6
		431,593	8,517,516	731.36	8.75	including	5.00	8.75	3.75	3,370	1,568	481	10	13.6	3.3	15.5
STU0632	3L	418,321	8,525,359	546.67	7.65		0.00	7.65	7.65	656	340	115	8	17.6	11.8	25.6
STU0633	MA	432,960	8,524,480	571.71	7.00	No Sig. Ints.										
STU0634	MCC	430,479	8,521,919	551.08	8.40	No Sig. Ints.										
STU0635	RDA	429,756	8,525,041	560.15	9.70	No Sig. Ints.										
STU0636	3L	418,385	8,525,696	543.22	4.80	No Sig. Ints.										
STU0637	MCD	423,757	8,518,961	624.21	13.00		0.00	13.00	13.00	3,398	2,441	825	127	18.5	27.6	40.2
		423,757	8,518,961	624.21	13.00	including	3.00	10.00	7.00	5,688	4,191	1,428	226	19.9	33.3	46.2
		423,757	8,518,961	624.21	13.00	including	5.00	7.00	2.00	12,061	10,533	3,815	586	31.6	41.6	63.0
STU0638	MCC	430,405	8,522,238	535.49	8.80	No Sig. Ints.										
STU0639	PSE	423,120	8,518,959	654.06	30.00	No Sig. Ints.										

Hole ID	Target	East	North	Elev. (m)	Depth (m)	Label	From (m)	To (m)	Interval (m)	TREO (ppm)	TREO-CeO ₂ (ppm)	NdPr (ppm)	DyTb (ppm)	NdPr: TREO (%)	HREO: TREO (%)	NdPr: TREO (%)
STU0640	RDA	429,756	8,524,709	598.28	5.90	No Sig. Ints.										
STU0641	VLH	431,597	8,516,722	672.01	8.70	No Sig. Ints.										
STU0642	3L	418,400	8,526,003	555.37	11.60		0.00	11.60	11.60	1,155	690	215	25	18.2	19.4	33.1
STU0643	MCC	430,480	8,522,480	569.98	12.75	No Sig. Ints.										
STU0644	3B	420,240	8,506,159	596.24	30.00		16.00	30.00	14.00	1,362	596	217	7	14.8	5.6	18.3
STU0645	3B	426,638	8,505,194	551.47	10.25	No Sig. Ints.										
STU0646	MA	433,030	8,524,636	609.59	23.50		7.00	23.50	16.50	1,774	368	126	7	7.5	4.0	10.2
STU0647	MA	434,395	8,519,680	530.58	28.00	No Sig. Ints.										
STU0648	3B	420,560	8,506,161	597.12	4.45	No Sig. Ints.										
STU0649	MCD	424,079	8,518,960	644.50	27.85		0.50	27.85	27.35	1,353	652	183	20	12.4	18.6	26.4
		424,079	8,518,960	644.50	27.85	including	15.00	22.00	7.00	2,093	951	324	27	15.8	13.0	25.2
STU0650	MCD	425,040	8,518,960	643.64	30.00		3.00	30.00	27.00	844	432	136	12	15.5	15.2	26.5
STU0651	3L	418,320	8,526,319	518.47	2.00	No Sig. Ints.										
STU0652	MCD	424,079	8,519,277	692.62	30.00		0.50	21.00	20.50	382	222	38	10	7.9	38.6	37.0
STU0653	MCC	430,476	8,522,803	631.15	16.65		10.00	16.65	6.65	1,003	555	176	14	19.7	14.5	30.1
STU0654	3L	418,309	8,526,639	523.90	2.60	No Sig. Ints.										
STU0655	VLH	431,598	8,516,871	700.33	25.15		9.00	16.00	7.00	4,701	2,646	1,034	57	21.0	9.5	26.6
		431,598	8,516,871	700.33	25.15	including	13.00	14.00	1.00	12,157	7,314	3,194	189	26.3	11.3	33.2
STU0656	RDA	429,849	8,524,399	625.01	9.10		0.50	9.10	8.60	2,942	1,233	383	22	11.6	6.5	16.0
STU0657	MA	433,995	8,519,595	506.26	15.70	No Sig. Ints.										
STU0658	MA	433,046	8,522,800	501.81	20.50		0.00	20.50	20.50	1,901	1,081	345	37	17.9	13.3	27.5
STU0659	MCD	424,403	8,518,960	702.23	12.50		0.00	11.00	11.00	754	415	92	12	9.2	30.3	32.7
STU0660	MCC	431,758	8,523,457	641.63	27.45		21.00	27.45	6.45	1,066	628	227	19	21.9	15.9	32.9
STU0661	MA	433,359	8,522,803	519.40	7.35	No Sig. Ints.										
STU0662	MA	434,005	8,519,278	557.71	7.60	No Sig. Ints.										
STU0663	3B	426,042	8,504,854	314.87	2.00	No Sig. Ints.										
STU0664	MCC	430,475	8,524,401	689.66	30.00		7.00	30.00	23.00	1,392	675	210	21	14.6	15.5	26.2
		430,475	8,524,401	689.66	30.00	including	28.00	30.00	2.00	3,259	1,781	599	46	17.8	13.2	27.3
STU0665	3B	426,288	8,504,839	384.49	4.00	No Sig. Ints.										
STU0666	MA	432,958	8,524,639	606.66	21.00		4.00	21.00	17.00	1,164	414	139	4	12.2	3.9	14.7
STU0667	3B	422,799	8,506,152	356.94	7.50	No Sig. Ints.										
STU0668	PSE	423,125	8,518,635	676.06	28.80		15.00	28.80	13.80	2,753	1,364	404	34	13.1	10.0	20.0
STU0669	MCC	430,481	8,523,119	603.71	13.30		5.00	13.30	8.30	1,522	863	263	12	16.2	7.8	21.1
STU0670	3L	418,953	8,527,285	643.67	20.20		7.00	20.20	13.20	2,291	1,419	490	57	20.8	22.6	37.8
		418,953	8,527,285	643.67	20.20	including	12.00	17.00	5.00	4,219	2,627	916	104	21.8	23.4	39.4
STU0671	3B	422,772	8,505,834	328.27	18.00		11.00	18.00	7.00	956	802	247	33	25.2	30.3	47.8
STU0672	VLH	431,600	8,517,035	688.26	18.50	No Sig. Ints.										
STU0673	MA	433,661	8,519,604	513.63	9.90	No Sig. Ints.										
STU0674	MCD	424,402	8,518,003	652.44	14.30		0.00	14.30	14.30	1,171	527	181	12	15.2	10.1	22.3
STU0675	MA	433,326	8,522,476	569.10	5.40	No Sig. Ints.										
STU0676	3L	418,974	8,527,596	673.82	7.30	No Sig. Ints.										
STU0677	RDA	429,842	8,524,071	694.36	12.60		1.00	7.00	6.00	862	407	116	4	13.5	5.7	17.2

Hole ID	Target	East	North	Elev. (m)	Depth (m)	Label	From (m)	To (m)	Interval (m)	TREO (ppm)	TREO-CeO ₂ (ppm)	NdPr (ppm)	DyTb (ppm)	NdPr: TREO (%)	HREO: TREO (%)	NdPr: TREO (%)
STU0678	MCD	424,726	8,518,954	674.21	29.25		0.00	29.25	29.25	1,291	738	223	24	16.6	17.7	29.7
STU0679	MCC	430,791	8,523,119	652.63	17.00		1.00	17.00	16.00	1,466	788	231	13	16.3	10.6	23.6
		430,791	8,523,119	652.63	17.00	including	12.00	17.00	5.00	4,090	2,189	629	35	15.2	6.9	19.6
STU0680	MA	433,043	8,524,470	562.29	17.40		5.00	17.50	12.50	8,820	6,962	2,502	81	25.0	8.3	30.4
		433,043	8,524,470	562.29	17.40	including	7.00	16.00	9.00	11,186	8,934	3,248	100	27.0	7.7	31.8
STU0681	MCD	424,083	8,519,594	686.78	30.00	No Sig. Ints.										
STU0682	VLH	431,924	8,517,683	726.59	10.65		0.00	10.65	10.65	700	404	149	10	19.8	15.7	30.8
STU0683	MCC	430,792	8,524,389	656.84	22.60		0.00	22.60	22.60	765	399	102	17	13.3	24.8	30.9
STU0684	MCC	431,121	8,523,440	723.51	30.00		13.00	24.00	11.00	1,659	853	344	16	19.5	7.5	24.0
STU0685	3B	422,480	8,505,839	356.44	19.00		9.00	19.00	10.00	1,277	947	256	53	19.5	34.1	45.8
STU0686	RDA	430,156	8,524,073	688.07	22.00		1.00	22.00	21.00	1,194	448	134	14	11.6	12.4	20.9
STU0687	3B	423,119	8,505,835	356.10	10.45	No Sig. Ints.										
STU0688	3B	423,443	8,505,511	330.70	24.40		12.00	24.40	12.40	1,267	380	132	5	11.8	4.5	14.7
STU0689	3L	418,640	8,527,600	619.29	14.80		3.00	14.80	11.80	1,139	682	248	25	20.0	16.6	31.8
STU0690	MA	433,362	8,519,275	577.55	19.70	No Sig. Ints.										
STU0691	PSE	422,798	8,518,640	639.74	30.00		16.00	27.00	11.00	630	314	73	5	10.5	8.6	16.4
STU0692	MCD	424,398	8,517,681	663.46	30.00		12.00	30.00	18.00	1,002	539	160	13	15.5	12.9	24.8
STU0693	MCD	423,441	8,519,360	620.06	12.60	No Sig. Ints.										
STU0694	MA	433,693	8,519,206	552.27	10.30	No Sig. Ints.										
STU0695	MCC	430,485	8,521,511	690.63	3.30	No Sig. Ints.										
STU0696	MA	432,960	8,524,555	585.81	14.00		0.00	14.00	14.00	11,210	6,618	2,130	139	18.9	11.8	27.5
STU0697	3L	418,644	8,527,267	605.55	17.00		3.00	17.00	14.00	1,405	866	323	31	21.7	17.5	34.2
		418,644	8,527,267	605.55	17.00	including	8.00	11.00	3.00	2,653	1,592	640	53	24.3	15.7	35.1
STU0698	VLH	432,061	8,517,519	642.25	11.85	No Sig. Ints.										
STU0699	3B	423,433	8,505,832	439.44	7.00	No Sig. Ints.										
STU0700	MA	433,118	8,524,335	545.25	10.70		0.00	10.70	10.70	2,202	1,329	465	51	21.0	20.9	36.3
STU0701	MA	433,043	8,519,277	555.22	12.00	No Sig. Ints.										
STU0702	MCD	425,363	8,518,956	603.23	8.25		0.00	8.25	8.25	580	306	98	8	16.6	13.8	26.4
STU0703	MA	433,683	8,522,798	526.30	13.60	No Sig. Ints.										
STU0704	MCC	430,479	8,524,720	693.47	30.00		4.00	30.00	26.00	761	303	97	9	13.6	11.4	21.9
STU0705	MCC	430,802	8,523,436	679.38	27.40	No Sig. Ints.										
STU0706	MCC	430,795	8,522,157	601.86	23.00		0.00	23.00	23.00	2,573	1,226	460	19	7.3	4.3	9.7
		430,795	8,522,157	601.86	23.00	including	18.00	23.00	5.00	8,484	5,085	1,987	81	18.0	6.4	21.8
		430,795	8,522,157	601.86	23.00	including	21.00	23.00	2.00	13,660	11,113	4,370	178	31.3	10.0	37.1
STU0707	3B	422,160	8,505,840	469.86	21.50		6.00	21.50	15.50	766	401	125	10	15.3	10.3	22.0
STU0708	MCD	424,719	8,519,278	691.41	25.00	No Sig. Ints.										
STU0709	3L	418,629	8,526,970	550.29	17.70		0.50	17.70	17.20	593	330	106	7	17.0	11.0	24.0
STU0710	RDA	430,161	8,523,757	618.87	23.00		0.00	23.00	23.00	1,207	662	198	22	14.9	19.6	29.8
		430,161	8,523,757	618.87	23.00	including	21.00	23.00	2.00	3,969	2,608	884	69	22.2	14.7	32.2
STU0711	MCD	425,670	8,518,957	628.32	14.00	No Sig. Ints.										
STU0712	MCD	424,395	8,517,362	633.53	29.35		4.00	29.35	25.35	968	467	147	12	10.5	14.7	21.2
STU0713	MA	433,277	8,524,321	568.19	15.00	No Sig. Ints.										

Hole ID	Target	East	North	Elev. (m)	Depth (m)	Label	From (m)	To (m)	Interval (m)	TREO (ppm)	TREO-CeO ₂ (ppm)	NdPr (ppm)	DyTb (ppm)	NdPr: TREO (%)	HREO: TREO (%)	NdPr: TREO (%)
STU0714	PSE	422,820	8,518,319	641.21	30.00		0.50	29.00	28.50	723	361	101	12	13.3	21.1	29.4
STU0715	3L	418,640	8,526,643	535.88	6.40		0.50	6.40	5.90	1,470	905	275	39	18.1	26.0	38.5
		418,640	8,526,643	535.88	6.40	including	2.00	4.00	2.00	2,925	1,800	550	80	18.7	25.4	38.3
STU0716	RDA	429,840	8,523,751	631.79	6.50	No Sig. Ints.										
STU0717	MA	433,043	8,519,599	560.97	28.00		12.00	28.00	16.00	964	450	140	10	13.9	9.9	20.9
STU0718	MCD	425,354	8,519,278	600.13	23.50		5.00	18.00	13.00	1,382	388	114	12	8.8	9.4	15.7
STU0719	3L	418,310	8,526,944	534.66	5.85	No Sig. Ints.										
STU0720	VLH	431,602	8,517,204	702.70	30.00	Assays Pending										
STU0721	3B	423,895	8,505,777	304.14	30.00		24.00	30.00	6.00	1,163	844	273	42	20.7	24.9	38.7
STU0722	MA	433,683	8,522,479	490.23	16.25	No Sig. Ints.										
STU0723	MCC	430,475	8,523,444	632.74	27.30		14.00	20.00	6.00	2,946	156	39	7	2.2	4.1	5.0
		430,475	8,523,444	632.74	27.30	and	19.00	27.30	8.30	1,663	394	124	13	15.6	17.6	27.7
STU0724	MCC	430,800	8,524,719	633.72	24.65		0.00	24.65	24.65	903	431	129	13	14.4	13.9	24.7
STU0725	MCC	431,120	8,524,721	669.67	11.70	No Sig. Ints.										
STU0726	MCD	425,286	8,519,567	586.12	21.10		0.00	21.10	21.10	1,636	866	268	24	15.9	14.5	26.3
		425,286	8,519,567	586.12	21.10	including	11.00	17.00	6.00	3,273	1,729	570	43	17.7	12.1	26.1
STU0727	MCD	426,010	8,518,642	745.27	3.45	No Sig. Ints.										
STU0728	PSE	422,797	8,517,997	627.18	16.95	No Sig. Ints.										
STU0729	3B	421,838	8,505,836	573.41	17.00	Assays Pending										
STU0730	3L	418,000	8,526,321	594.45	7.00	Assays Pending										
STU0731	VLH	431,761	8,517,197	746.78	10.25	No Sig. Ints.										
7STU0732	BT	418,001	8,516,706	654.15	15.00		8.00	15.00	7.00	1,780	1,325	442	58	24.3	29.4	46.2
STU0733	MA	433,614	8,521,841	461.49	13.70	No Sig. Ints.										
STU0734	RDA	430,163	8,523,447	571.59	8.65		0.00	7.00	7.00	819	417	117	14	14.5	19.0	28.6
STU0735	MA	433,264	8,524,481	599.37	24.45	Assays Pending										
STU0736	MA	433,694	8,520,574	527.57	18.00	No Sig. Ints.										
STU0737	MCC	431,109	8,522,163	723.14	30.00	No Sig. Ints.										
STU0738	PSE	422,480	8,517,998	695.49	10.95	No Sig. Ints.										
STU0739	MA	433,679	8,521,522	464.68	9.75	No Sig. Ints.										
STU0740	MCC	432,638	8,523,116	489.11	11.00		2.00	11.00	9.00	2,567	1,502	451	57	16.1	27.5	37.3
STU0741	VLH	431,682	8,516,881	696.80	12.10	No Sig. Ints.										
STU0742	3L	418,004	8,526,002	588.38	18.00		8.00	18.00	10.00	865	484	168	19	19.6	19.1	33.5
STU0743	MA	433,685	8,520,875	488.16	8.80	No Sig. Ints.										
STU0744	3B	425,040	8,504,882	366.19	20.00		0.00	20.00	20.00	849	320	110	3	13.2	4.4	15.8
STU0745	MA	433,039	8,524,257	542.07	5.65	No Sig. Ints.										
STU0746	MA	433,683	8,521,201	473.35	6.30	Assays Pending										
STU0747	MCC	431,120	8,524,402	678.88	24.50	Assays Pending										
STU0748	MCD	425,359	8,519,922	622.36	28.00		11.00	28.00	17.00	1,664	1,078	367	41	22.4	21.5	37.9
STU0749	MCC	430,721	8,522,477	547.69	16.00		3.00	16.00	13.00	1,432	846	290	28	19.6	17.7	31.9
STU0750	3B	425,031	8,505,201	266.09	7.00	No Sig. Ints.										
STU0751	3B	424,721	8,505,200	306.58	20.65	Assays Pending										
STU0752	MCD	425,680	8,519,280	615.52	30.00	Assays Pending										

Hole ID	Target	East	North	Elev. (m)	Depth (m)	Label	From (m)	To (m)	Interval (m)	TREO (ppm)	TREO-CeO ₂ (ppm)	NdPr (ppm)	DyTb (ppm)	NdPr: TREO (%)	HREO: TREO (%)	NdPr: TREO (%)
STU0753	BT	417,990	8,517,044	716.23	24.40	Assays Pending										
STU0754	3L	417,992	8,526,631	541.12	9.25	Assays Pending										
STU0755	RDA	430,157	8,523,128	600.73	23.00	Assays Pending										
STU0756	PSE	422,479	8,518,320	708.26	30.00	Assays Pending										
STU0757	3B	424,720	8,505,520	282.66	16.00	Assays Pending										
STU0758	3L	418,319	8,527,270	555.85	5.10	Assays Pending										
STU0759	VLH	430,871	8,516,403	652.71	28.00		11.00	28.00	17.00	3,553	1,887	650	43	17.6	8.3	23.0
STU0760	RDA	430,161	8,524,395	683.87	9.50		0.00	9.50	9.50	1,091	520	152	16	14.0	16.7	26.3
STU0761	MA	433,118	8,524,079	525.38	4.90	No Sig. Ints.										
STU0762	MA	433,361	8,521,520	523.70	24.00	No Sig. Ints.										
STU0763	MCC	430,796	8,524,081	672.04	15.00		0.00	15.00	15.00	1,029	508	156	14	14.7	14.0	25.0
STU0764	MCC	432,797	8,522,800	582.23	15.30	No Sig. Ints.										
STU0765	MA	432,558	8,524,887	589.45	8.00	No Sig. Ints.										
STU0766	MCD	425,681	8,519,920	650.74	27.95		14.00	22.00	8.00	1,395	1,214	229	69	18.9	41.9	51.7
STU0767	RDA	430,162	8,524,721	678.65	12.00		0.00	10.00	10.00	995	535	147	17	14.9	18.8	29.1
STU0768	3B	424,732	8,504,880	368.73	21.40		3.00	21.40	18.40	1,027	664	231	13	21.6	12.7	30.4
STU0769	3L	418,960	8,526,320	608.93	8.25		0.00	8.25	8.25	709	445	153	15	21.2	17.9	34.1
STU0770	MCD	425,675	8,518,321	761.03	19.70		2.00	19.00	17.00	445	256	99	8	21.8	13.1	30.2
STU0771	MA	433,363	8,520,883	539.92	27.30		6.00	27.30	21.30	5,372	2,947	859	73	14.2	17.0	27.1
		433,363	8,520,883	539.92	27.30	including	6.00	13.00	7.00	11,761	6,043	1,875	109	15.9	8.5	22.0
STU0772	MA	432,724	8,524,863	585.40	7.80	No Sig. Ints.										
STU0773	3L	419,268	8,526,312	549.20	1.55	No Sig. Ints.										
STU0774	PSE	422,480	8,518,560	642.91	22.75	No Sig. Ints.										
STU0775	RDA	429,524	8,524,398	707.11	9.50	No Sig. Ints.										
STU0776	3B	425,358	8,504,879	263.42	11.75		1.00	11.75	10.75	771	402	133	5	16.7	7.2	21.3
STU0777	3B	424,960	8,505,520	292.92	30.00		19.00	30.00	11.00	1,294	298	100	5	8.1	4.4	11.0
STU0778	BT	418,001	8,516,399	689.68	30.00		4.00	10.00	6.00	1,194	586	203	5	16.4	4.6	19.1
		418,001	8,516,399	689.68	30.00	and	28.00	30.00	2.00	3,017	1,843	776	22	26.3	7.8	30.5
STU0779	RDA	429,523	8,524,077	703.83	7.80	No Sig. Ints.										
STU0780	MA	433,362	8,521,197	586.72	10.80	No Sig. Ints.										
STU0781	3B	424,400	8,505,840	323.01	27.65	No Sig. Ints.										
STU0782	MCC	431,116	8,524,081	752.55	14.35	No Sig. Ints.										
STU0783	VLH	430,880	8,516,721	686.10	18.65		5.00	13.00	8.00	456	264	59	2	12.7	5.0	15.9
STU0784	PTB	429,400	8,537,482	504.07	13.20	No Sig. Ints.										
STU0785	MA	434,638	8,521,521	477.82	22.50		11.00	22.50	11.50	451	342	78	16	17.5	38.4	48.3
STU0786	VLH	431,840	8,518,163	733.07	15.65	No Sig. Ints.										
STU0787	MA	432,871	8,524,855	585.51	7.40		0.00	7.40	7.40	5,345	2,877	998	56	16.0	8.3	21.7
STU0788	MCC	430,799	8,523,760	669.50	26.20	No Sig. Ints.										
STU0789	PSE	422,159	8,517,681	728.50	9.85	No Sig. Ints.										
STU0790	PTB	429,391	8,537,815	585.46	1.20	No Sig. Ints.										
STU0791	MA	433,536	8,524,985	577.58	7.00		0.00	7.00	7.00	681	407	143	9	20.2	10.9	27.6
STU0792	MCD	425,679	8,519,597	623.13	29.75	No Sig. Ints.										

Hole ID	Target	East	North	Elev. (m)	Depth (m)	Label	From (m)	To (m)	Interval (m)	TREO (ppm)	TREO-CeO ₂ (ppm)	NdPr (ppm)	DyTb (ppm)	NdPr: TREO (%)	HREO: TREO (%)	NdPr: TREO (%)
STU0793	BT	418,000	8,516,081	665.75	8.70		0.50	8.70	8.20	895	374	137	4	15.5	4.5	18.0
STU0794	3B	424,079	8,505,520	343.85	12.40	Assays Pending										
STU0795	3B	424,396	8,505,605	268.88	15.00	Assays Pending										
STU0796	VLH	431,869	8,518,088	718.71	6.25	Assays Pending										
STU0797	3B	427,279	8,503,360	244.79	3.40	Assays Pending										
STU0798	3B	426,966	8,502,625	373.80	6.25	Assays Pending										
STU0799	MCC	431,440	8,524,399	684.24	30.00	Assays Pending										
STU0800	3B	426,959	8,503,280	256.41	15.00	Assays Pending										
STU0801	PSE	423,128	8,520,543	654.03	27.75	Assays Pending										
STU0802	MA	433,921	8,520,560	470.97	24.95	No Sig. Ints.										
STU0803	PTB	429,396	8,538,118	576.43	15.00		3.00	15.00	12.00	1,241	585	196	10	14.6	7.0	19.4
STU0804	MCC	430,478	8,524,172	642.33	20.15		6.00	20.15	14.15	1,537	728	246	19	15.2	11.3	23.2
STU0805	MCD	424,805	8,519,764	664.75	14.60		0.00	14.60	14.60	867	498	124	18	14.0	24.0	32.2
STU0806	PSE	421,518	8,517,683	645.62	9.40		3.00	9.40	6.40	580	324	100	10	17.3	15.4	28.2
STU0807	PSE	421,839	8,517,683	683.97	12.00	No Sig. Ints.										
STU0808	RDA	429,197	8,522,803	486.71	30.00		8.00	30.00	22.00	2,510	2,068	383	119	14.1	48.4	53.7
STU0809	3B	426,640	8,503,280	330.23	10.25	No Sig. Ints.										
STU0810	MCC	431,356	8,524,720	632.49	13.60	No Sig. Ints.										
STU0811	3B	426,622	8,502,310	385.89	17.75		0.00	17.75	17.75	1,283	708	250	17	18.2	12.3	26.7
		426,622	8,502,310	385.89	17.75	including	3.00	5.00	2.00	3,277	1,916	745	32	22.6	7.6	26.8
STU0812	MA	434,635	8,522,160	491.21	22.50		7.00	22.50	15.50	1,631	897	314	24	17.8	21.1	32.8
		434,635	8,522,160	491.21	22.50	including	9.00	11.00	2.00	6,928	3,601	1,383	63	19.4	9.5	26.1
STU0813	PSE	421,518	8,517,359	712.08	6.80		1.00	6.80	5.80	987	537	183	15	18.7	14.5	28.8
STU0814	MCD	424,807	8,517,680	617.14	13.80		0.00	13.80	13.80	1,938	587	197	14	11.7	11.3	19.7
		424,807	8,517,680	617.14	13.80	including	7.00	13.80	6.80	3,174	836	306	19	10.8	7.6	16.1
STU0815	MCC	432,071	8,521,513	702.47	23.15		0.00	17.00	17.00	1,439	740	261	14	16.8	9.0	22.7
		432,071	8,521,513	702.47	23.15	including	9.00	14.00	5.00	3,083	1,538	595	32	18.6	7.3	22.9
STU0816	MA	434,005	8,520,876	492.57	26.50		16.00	26.50	10.50	661	366	47	18	9.1	44.1	41.8
STU0817	PTB	429,074	8,538,122	491.73	19.20		0.00	19.20	19.20	1,544	875	296	24	18.6	16.0	30.4
STU0818	RDA	428,871	8,522,797	477.49	13.00		4.00	13.00	9.00	683	443	144	18	21.0	22.4	37.5
STU0819	VLH	431,922	8,517,840	731.79	26.85		0.00	7.00	7.00	5,792	3,185	1,058	70	17.5	10.1	24.7
		431,922	8,517,840	731.79	26.85	including	3.00	6.00	3.00	10,278	5,700	1,926	130	18.8	11.2	26.9
		431,922	8,517,840	731.79	26.85	and	24.00	26.00	2.00	2,413	180	51	3	2.2	1.8	3.5
STU0820	MCC	430,493	8,523,750	623.14	12.75		6.00	12.75	6.75	2,118	869	246	31	11.8	14.6	22.7
STU0821	MCC	432,400	8,521,515	728.57	1.35	No Sig. Ints.										
STU0822	BT	417,680	8,516,080	641.46	28.00	No Sig. Ints.										
STU0823	RDA	429,203	8,523,100	509.34	5.05	No Sig. Ints.										
STU0824	PSE	423,118	8,520,240	704.98	30.00		23.00	30.00	7.00	511	283	101	10	20.3	20.2	35.1
STU0825	PTB	429,079	8,537,484	426.64	9.15	No Sig. Ints.										
STU0826	PTB	429,067	8,537,820	455.08	5.10	No Sig. Ints.										
STU0827	3B	427,199	8,502,961	301.18	7.30		0.00	7.30	7.30	595	347	113	9	18.9	12.9	27.7
STU0828	3B	427,915	8,503,365	282.51	11.35	No Sig. Ints.										

Hole ID	Target	East	North	Elev. (m)	Depth (m)	Label	From (m)	To (m)	Interval (m)	TREO (ppm)	TREO-CeO ₂ (ppm)	NdPr (ppm)	DyTb (ppm)	NdPr: TREO (%)	HREO: TREO (%)	NdPr: TREO (%)
STU0829	3B	427,063	8,502,964	290.41	21.25		13.00	21.00	8.00	502	218	70	5	14.3	9.6	21.0
STU0830	MA	433,997	8,521,201	507.53	16.00	No Sig. Ints.										
STU0831	MCC	432,700	8,521,515	660.20	10.70	No Sig. Ints.										
STU0832	3B	427,264	8,502,655	421.70	8.50	No Sig. Ints.										
STU0833	MCC	424,320	8,518,634	650.00	21.65		0.00	21.65	21.65	1,582	952	274	33	14.9	21.0	30.7
		424,320	8,518,634	650.00	21.65	including	15.00	18.00	3.00	4,840	3,154	1,001	114	20.4	23.4	37.8
STU0834	VLH	432,080	8,517,831	691.10	18.00		0.00	18.00	18.00	2,767	1,520	519	31	19.3	10.2	26.0
		432,080	8,517,831	691.10	18.00	including	4.00	10.00	6.00	5,961	3,248	1,092	63	18.2	10.0	25.1
		432,080	8,517,831	691.10	18.00	including	5.00	7.00	2.00	12,974	7,041	2,377	128	18.1	8.3	23.7
STU0835	PTB	428,762	8,538,436	476.04	7.10	No Sig. Ints.										
STU0836	MCC	431,119	8,525,038	634.36	30.00		0.50	30.00	29.50	1,309	692	198	24	14.0	19.0	28.6
		431,119	8,525,038	634.36	30.00	including	20.00	27.00	7.00	2,978	1,690	505	55	17.6	18.2	31.5
STU0837	PSE	421,836	8,517,362	752.05	25.20		19.00	25.00	6.00	828	470	134	9	15.2	12.4	24.1
STU0838	MCC	430,478	8,525,040	667.05	10.75		5.00	10.75	5.75	1,063	526	155	17	15.8	17.5	29.0
STU0839	3B	426,638	8,502,965	365.31	12.00		0.00	12.00	12.00	1,456	632	205	9	13.3	6.1	17.1
		426,638	8,502,965	365.31	12.00	including	9.00	11.00	2.00	3,477	1,624	538	17	15.1	4.7	17.9
STU0840	MCD	424,400	8,519,921	644.88	11.25	No Sig. Ints.										
STU0841	MA	432,560	8,524,717	628.42	30.00	No Sig. Ints.										
STU0842	MA	434,318	8,522,161	598.11	30.00		8.00	30.00	22.00	1,045	489	138	14	12.9	14.2	23.0
STU0843	MCC	430,482	8,525,360	679.72	17.45		8.00	17.45	9.45	572	257	72	8	9.3	11.3	17.4
STU0844	MCC	431,430	8,521,528	658.12	19.25		0.00	19.25	19.25	1,834	1,119	349	41	15.9	16.2	27.9
		431,430	8,521,528	658.12	19.25	including	13.00	19.25	6.25	4,079	2,667	821	115	18.1	33.2	43.9
STU0845	MCC	431,760	8,525,043	687.73	9.60	No Sig. Ints.										
STU0846	3B	427,279	8,502,320	594.87	13.00	No Sig. Ints.										
STU0847	3B	427,998	8,503,598	322.95	12.00		0.00	12.00	12.00	1,674	1,002	287	31	18.4	17.0	30.8
		427,998	8,503,598	322.95	12.00	including	6.00	11.00	5.00	2,867	1,736	464	58	16.4	22.5	33.3
STU0848	MCC	431,446	8,525,029	636.75	8.20	No Sig. Ints.										
STU0849	PTB	429,079	8,538,444	550.42	24.60		6.00	24.60	18.60	838	471	172	16	15.7	10.7	22.9
STU0850	PSE	423,124	8,519,914	731.10	30.00	No Sig. Ints.										
STU0851	RDA	429,520	8,523,083	570.31	18.00	No Sig. Ints.										
STU0852	VLH	432,238	8,517,842	670.88	22.55	No Sig. Ints.										
STU0853	PTB	428,768	8,538,113	441.31	7.10		2.00	7.10	5.10	1,067	517	175	14	13.6	9.9	20.4
STU0854	MCC	430,479	8,525,681	621.16	7.20		2.00	7.20	5.20	731	392	114	12	15.5	18.1	29.1
STU0855	MCC	431,765	8,521,524	726.76	9.25	No Sig. Ints.										
STU0856	MA	434,318	8,521,206	593.90	27.00		21.00	27.00	6.00	1,645	1,468	300	62	15.6	48.5	51.2
STU0857	VLH	432,401	8,516,718	642.62	24.30	No Sig. Ints.										
STU0858	3B	427,264	8,502,013	669.44	9.50	No Sig. Ints.										
STU0859	RF	422,160	8,516,721	698.77	30.00		2.00	30.00	28.00	1,631	953	295	28	15.1	15.8	26.5
		422,160	8,516,721	698.77	30.00	including	21.00	27.00	6.00	4,732	3,016	957	86	19.5	16.4	31.4
STU0860	MCC	431,762	8,525,363	695.53	20.00		6.00	12.00	6.00	1,120	529	118	6	10.0	5.9	14.0
STU0861	MA	432,568	8,524,560	657.82	22.25	No Sig. Ints.										
STU0862	RDA	429,198	8,525,045	625.19	16.30		1.00	16.30	15.30	3,513	2,352	733	121	19.4	26.0	39.4

Hole ID	Target	East	North	Elev. (m)	Depth (m)	Label	From (m)	To (m)	Interval (m)	TREO (ppm)	TREO-CeO ₂ (ppm)	NdPr (ppm)	DyTb (ppm)	NdPr: TREO (%)	HREO: TREO (%)	NdPr: TREO (%)
STU0863	3B	426,956	8,502,321	443.60	9.10	No Sig. Ints.										
STU0864	3B	426,960	8,502,013	583.99	3.00	No Sig. Ints.										
STU0865	MA	434,319	8,522,479	549.74	26.50		14.00	26.50	12.50	733	409	102	13	14.1	22.2	30.9
STU0866	MA	432,077	8,523,599	597.54	7.75	No Sig. Ints.										
STU0867	VLH	432,319	8,517,838	651.99	30.00		0.00	19.00	19.00	12,852	6,259	2,201	83	15.0	5.9	18.9
		432,319	8,517,838	651.99	30.00	including	4.00	9.00	5.00	46,115	22,437	7,958	299	16.9	5.9	20.8
		432,319	8,517,838	651.99	30.00	including	7.00	8.00	1.00	108,794	53,094	18,250	683	16.8	5.6	20.5
STU0868	3B	426,635	8,502,010	462.49	5.50	No Sig. Ints.										
STU0869	MA	433,997	8,521,533	608.60	8.00	No Sig. Ints.										
STU0870	MCC	430,480	8,526,000	580.61	23.00		0.00	23.00	23.00	1,285	776	245	22	17.9	14.6	28.3
		430,480	8,526,000	580.61	23.00	including	17.00	23.00	6.00	2,678	1,840	562	56	20.8	18.8	34.3
STU0871	RDA	430,155	8,524,959	654.14	20.80		0.50	20.80	20.30	796	387	94	14	12.8	20.8	28.4
STU0872	PSE	421,519	8,518,000	646.14	26.35	No Sig. Ints.										
STU0873	3B	426,330	8,507,752	366.83	3.05	No Sig. Ints.										
STU0874	PTB	428,758	8,539,080	598.37	30.00		0.00	30.00	30.00	1,123	666	219	23	19.2	19.0	33.1
STU0875	3B	421,835	8,506,402	376.19	4.60	No Sig. Ints.										
STU0876	VLH	432,402	8,517,038	675.87	30.00	No Sig. Ints.										
STU0877	MA	434,001	8,522,480	503.75	12.85		1.00	12.85	11.85	1,081	604	184	20	16.7	17.8	30.0
STU0878	RF	421,839	8,516,719	734.23	30.00		0.50	30.00	29.50	749	389	116	8	15.1	11.6	23.4
STU0879	MCC	430,478	8,526,321	547.75	13.35		0.00	13.35	13.35	1,050	462	131	15	12.9	15.4	24.1
STU0880	MCC	431,433	8,525,357	631.66	30.00		0.00	11.00	11.00	269	205	18	11	6.7	58.5	53.5
STU0881	3B	421,520	8,506,800	351.52	8.00	No Sig. Ints.										
STU0882	3B	426,643	8,507,759	436.84	30.00		12.00	30.00	18.00	624	300	112	5	18.4	9.9	25.1
STU0883	3B	421,819	8,506,491	353.95	0.50	No Sig. Ints.										
STU0884	PSE	421,538	8,518,311	626.65	8.00	No Sig. Ints.										
STU0885	VLH	432,403	8,517,834	640.89	24.00	No Sig. Ints.										
STU0886	MCC	430,402	8,526,630	504.94	5.40		0.00	5.40	5.40	1,221	517	168	13	14.1	12.3	22.8
STU0887	RF	421,838	8,517,037	786.87	13.70	No Sig. Ints.										
STU0888	PTB	428,438	8,538,763	591.16	15.60		10.00	15.60	5.60	748	422	138	10	18.7	13.0	27.8
STU0889	MA	434,979	8,521,808	465.47	11.75		3.00	11.75	8.75	1,635	955	299	29	16.7	16.3	28.8
STU0890	VLH	432,172	8,516,728	619.52	6.75	No Sig. Ints.										
STU0891	MA	434,959	8,519,522	606.83	30.00		0.00	30.00	30.00	1,572	825	328	15	18.9	8.2	24.0
STU0892	VLH	432,075	8,516,478	606.03	11.45		0.00	11.45	11.45	1,010	504	151	6	14.8	5.9	18.7
STU0893	3B	421,200	8,506,800	421.87	7.40	No Sig. Ints.										
STU0894	3B	421,199	8,506,481	564.48	8.55	No Sig. Ints.										
STU0895	PSE	421,835	8,518,313	651.76	16.00		8.00	16.00	8.00	996	777	243	21	24.8	19.5	38.3
STU0896	MCC	431,759	8,524,722	647.76	30.00	No Sig. Ints.										
STU0897	MA	431,919	8,523,919	686.81	30.00	Assays Pending										
STU0898	VLH	432,398	8,517,762	632.82	15.00	No Sig. Ints.										
STU0899	MCC	431,763	8,525,670	613.77	30.00		20.00	30.00	10.00	532	276	96	5	19.7	10.5	26.1
STU0900	MA	434,975	8,519,668	554.45	12.70		0.00	9.00	9.00	1,064	564	221	11	22.3	9.8	28.5
STU0901	VLH	432,158	8,516,404	620.15	19.80		0.00	19.00	19.00	4,008	2,033	673	51	16.7	10.9	24.3

Hole ID	Target	East	North	Elev. (m)	Depth (m)	Label	From (m)	To (m)	Interval (m)	TREO (ppm)	TREO-CeO ₂ (ppm)	NdPr (ppm)	DyTb (ppm)	NdPr: TREO (%)	HREO: TREO (%)	NdPr: TREO (%)
		432,158	8,516,404	620.15	19.80	including	10.00	12.00	2.00	10,482	5,320	1,824	111	17.4	8.6	23.0
STU0902	MCC	430,479	8,527,039	557.42	30.00		0.00	30.00	30.00	820	461	141	11	17.2	13.9	27.4
STU0903	MCC	431,755	8,524,320	660.87	30.00		10.00	30.00	20.00	1,336	737	242	18	18.0	14.3	28.4
STU0904	PSE	421,833	8,517,996	651.01	9.00		3.00	9.00	6.00	1,364	399	138	12	10.5	9.0	16.5
STU0905	VLH	432,318	8,517,762	642.23	24.75		0.00	23.00	23.00	2,804	1,494	493	46	17.8	13.2	27.3
STU0906	MA	431,928	8,523,596	621.98	12.65	No Sig. Ints.										
STU0907	RF	422,006	8,517,122	711.81	26.25		17.00	26.25	9.25	667	266	82	6	13.1	9.6	20.0
STU0908	3B	421,197	8,507,097	363.92	9.45		0.00	9.45	9.45	1,263	922	328	25	24.9	18.5	38.4
STU0909	3B	421,204	8,506,158	625.25	20.85		0.00	5.00	5.00	1,201	551	206	6	17.4	5.5	20.6
STU0910	3B	426,959	8,507,760	536.61	26.45	Assays Pending										
STU0911	MA	432,220	8,523,599	584.96	2.50	No Sig. Ints.										
STU0912	PTB	428,129	8,538,431	604.24	30.00	No Sig. Ints.										
STU0913	VLH	432,007	8,516,403	626.66	25.20		0.00	11.00	11.00	810	434	110	5	12.5	8.5	18.4
STU0914	MA	433,038	8,519,992	615.03	30.00	No Sig. Ints.										
STU0915	3B	421,520	8,505,840	623.58	12.50		0.00	12.50	12.50	709	399	158	12	21.7	13.0	29.9
STU0916	3B	421,202	8,507,446	411.10	18.00		5.00	18.00	13.00	770	503	148	22	14.9	19.8	28.9
STU0917	PTB	428,441	8,538,122	455.22	14.90		6.00	14.90	8.90	616	283	94	8	15.0	10.7	22.4
STU0918	VLH	431,039	8,517,354	692.01	21.70		7.00	14.00	7.00	1,049	610	224	14	21.1	9.7	27.1
STU0919	RF	423,116	8,516,078	706.86	28.00	No Sig. Ints.										
STU0920	MA	433,046	8,520,799	589.99	14.00	No Sig. Ints.										
STU0921	PSE	421,840	8,518,643	650.33	23.75	No Sig. Ints.										
STU0922	3B	421,439	8,506,160	544.82	4.20	No Sig. Ints.										
STU0923	VLH	432,241	8,517,758	664.48	30.00		17.00	30.00	13.00	3,802	1,987	647	43	17.0	9.1	23.0
STU0924	MCC	430,800	8,527,280	569.66	26.80		0.00	26.80	26.80	1,941	1,111	354	30	17.1	15.9	28.8
STU0925	PTB	428,440	8,538,437	574.64	24.75		0.00	24.00	24.00	585	357	112	13	19.1	19.5	33.4
STU0926	MCC	431,603	8,524,232	711.07	30.00		0.00	16.00	16.00	2,596	1,507	710	38	24.3	11.4	30.4
STU0927	PSE	422,160	8,518,325	643.61	12.00	No Sig. Ints.										
STU0928	VLH	430,960	8,517,281	667.51	13.00	No Sig. Ints.										
STU0929	MA	433,366	8,520,566	552.75	24.90	No Sig. Ints.										
STU0930	MA	432,555	8,523,585	608.28	30.00		0.00	30.00	30.00	1,111	603	175	6	15.9	5.8	19.5
STU0931	RF	423,116	8,516,403	724.87	18.20	No Sig. Ints.										
STU0932	VLH	430,879	8,517,280	692.75	7.75	No Sig. Ints.										
STU0933	VLH	432,234	8,517,683	653.67	23.00		12.00	23.00	11.00	1,930	1,122	332	21	17.1	8.6	22.8
STU0934	PTB	428,743	8,538,756	497.37	16.10	Assays Pending										
STU0935	MCC	430,799	8,526,960	592.18	30.00	No Sig. Ints.										
STU0936	3B	421,517	8,507,440	532.66	30.00		19.00	30.00	11.00	1,601	735	236	18	15.9	11.0	23.3
		421,517	8,507,440	532.66	30.00	including	26.00	29.00	3.00	3,858	1,522	521	33	13.7	6.3	17.4
STU0937	3B	421,520	8,506,480	429.08	30.00		16.00	30.00	14.00	879	605	206	16	23.3	18.1	35.5
STU0938	PSE	422,159	8,518,000	684.77	12.60	No Sig. Ints.										
STU0939	VLH	432,161	8,517,676	678.60	21.50	No Sig. Ints.										
STU0940	VLH	431,042	8,517,436	714.68	30.00	No Sig. Ints.										
STU0941	MA	423,118	8,505,517	304.47	4.00	No Sig. Ints.										

Hole ID	Target	East	North	Elev. (m)	Depth (m)	Label	From (m)	To (m)	Interval (m)	TREO (ppm)	TREO-CeO ₂ (ppm)	NdPr (ppm)	DyTb (ppm)	NdPr: TREO (%)	HREO: TREO (%)	NdPr: TREO (%)
STU0942	MA	433,040	8,520,551	580.07	30.00		23.00	29.75	6.75	679	546	71	36	10.2	57.2	55.3
STU0943	MCC	430,803	8,525,037	632.75	25.50		0.00	25.50	25.50	1,901	1,140	377	33	15.6	20.2	30.8
		430,803	8,525,037	632.75	25.50	including	21.00	25.50	4.50	6,317	4,047	1,479	99	21.4	15.0	32.0
		430,803	8,525,037	632.75	25.50	including	21.00	23.00	2.00	11,261	7,319	2,777	168	25.0	12.5	33.3
STU0944	MA	432,723	8,523,600	588.57	30.00	No Sig. Ints.										
STU0945	MCC	431,121	8,526,960	606.93	16.35	Assays Pending										
STU0946	PTB	429,400	8,539,079	499.98	30.00		24.00	30.00	6.00	2,031	990	335	27	18.1	13.4	27.9
STU0947	3B	424,160	8,505,840	318.12	18.00	No Sig. Ints.										
STU0948	RF	423,117	8,516,715	694.99	22.00	No Sig. Ints.										
STU0949	MCC	431,120	8,527,280	607.63	14.65		0.00	14.65	14.65	959	545	141	19	14.7	19.6	29.5
STU0950	VLH	430,959	8,517,439	710.08	23.00		0.00	23.00	23.00	6,079	3,946	1,494	55	20.2	7.1	24.7
		430,959	8,517,439	710.08	23.00	including	18.00	22.00	4.00	19,093	13,974	5,680	168	26.2	5.8	29.4
STU0951	3B	423,760	8,505,521	331.86	18.55	No Sig. Ints.										
STU0952	VLH	432,160	8,517,601	661.20	22.40	No Sig. Ints.										
STU0953	MCC	431,040	8,523,761	725.05	24.40		12.00	24.40	12.40	536	305	77	4	12.6	8.4	18.3
STU0954	MCC	431,758	8,525,919	601.67	30.00		24.00	30.00	6.00	345	217	53	5	15.4	15.8	27.0
STU0955	3B	422,801	8,505,521	365.80	21.00		14.00	21.00	7.00	1,455	943	263	43	16.5	24.5	35.1
STU0956	MCC	431,421	8,527,274	552.53	12.00		0.00	12.00	12.00	799	464	128	15	15.8	20.6	31.4
STU0957	MA	432,760	8,524,440	640.10	21.85		0.00	21.85	21.85	18,541	7,655	2,458	134	10.4	5.0	13.9
		432,760	8,524,440	640.10	21.85	including	20.00	21.85	1.85	103,921	44,854	14,984	832	14.6	7.4	19.9
STU0958	MA	432,757	8,524,524	622.84	21.65		9.00	21.65	12.65	1,419	659	219	18	20.2	17.5	33.1
		432,757	8,524,524	622.84	21.65	including	9.00	11.00	2.00	3,789	604	233	8	7.2	2.3	8.7
STU0959	3B	423,434	8,505,221	292.16	2.45	No Sig. Ints.										
STU0960	3B	423,741	8,506,781	279.18	1.00	Assays Pending										
STU0961	SRR	432,080	8,516,082	699.64	26.35	Assays Pending										
STU0962	MA	432,838	8,524,518	598.83	16.40		9.00	16.40	7.40	5,995	4,490	1,451	77	23.4	11.8	31.8
		432,838	8,524,518	598.83	16.40	including	14.00	15.00	1.00	13,809	10,271	3,386	165	24.5	11.2	32.5
STU0963	MA	432,881	8,523,584	521.75	19.60		13.00	19.60	6.60	1,017	631	190	19	18.6	16.2	30.1
STU0964	PSE	422,482	8,517,679	697.29	30.00		5.00	30.00	25.00	494	270	62	9	10.8	31.5	35.7
STU0965	3B	422,472	8,505,519	396.29	13.25	No Sig. Ints.										
STU0966	MA	433,039	8,523,604	504.08	4.85	No Sig. Ints.										
STU0967	VLH	432,232	8,517,525	657.36	15.85	No Sig. Ints.										
STU0968	PTB	429,079	8,539,078	589.51	30.00		14.00	30.00	16.00	562	304	107	6	19.3	10.8	26.6
STU0969	MA	432,839	8,524,440	611.41	19.00		0.00	19.00	19.00	47,569	20,084	7,089	382	12.8	4.9	16.0
		432,839	8,524,440	611.41	19.00	including	0.50	8.00	7.50	104,844	43,233	15,168	885	9.6	5.0	13.2
STU0970	RF	423,127	8,517,039	731.69	26.80		0.00	5.00	5.00	514	242	74	7	14.4	15.4	25.6
		423,127	8,517,039	731.69	26.80	and	20.00	26.80	6.80	889	473	155	9	16.8	12.3	25.8
STU0971	MA	433,200	8,523,608	505.77	8.40	No Sig. Ints.										
STU0972	MCC	431,440	8,526,957	570.20	20.80		4.00	20.80	16.80	1,431	1,010	317	30	21.2	20.8	36.6
STU0973	3B	423,760	8,506,480	319.23	9.40	No Sig. Ints.										
STU0974	PSE	422,155	8,517,360	723.50	21.00		3.00	21.00	18.00	1,324	943	304	26	13.7	25.7	33.8
		422,155	8,517,360	723.50	21.00	including	19.00	21.00	2.00	6,604	5,616	2,108	128	27.1	14.2	36.3

Hole ID	Target	East	North	Elev. (m)	Depth (m)	Label	From (m)	To (m)	Interval (m)	TREO (ppm)	TREO-CeO ₂ (ppm)	NdPr (ppm)	DyTb (ppm)	NdPr: TREO (%)	HREO: TREO (%)	NdPr: TREO (%)
		422,155	8,517,360	723.50	21.00	including	20.00	21.00	1.00	10,151	9,667	3,659	217	36.0	16.9	46.6
STU0975	SRR	431,755	8,515,752	630.88	5.70	No Sig. Ints.										
STU0976	MA	432,753	8,524,359	654.78	30.00		0.00	7.00	7.00	4,798	975	285	17	4.8	2.7	6.7
		432,753	8,524,359	654.78	30.00	and	19.00	30.00	11.00	8,673	2,120	752	42	3.6	3.2	5.8
		432,753	8,524,359	654.78	30.00	including	22.00	30.00	8.00	10,810	2,837	1,017	51	4.2	3.1	6.3
STU0977	3B	422,237	8,505,516	445.80	18.65		2.00	18.65	16.65	1,527	1,157	381	44	24.0	24.9	42.8
		422,237	8,505,516	445.80	18.65	including	3.00	5.00	2.00	2,890	2,185	786	70	27.4	22.4	43.7
STU0978	MCC	431,747	8,523,756	655.78	24.00		13.00	24.00	11.00	2,479	1,380	388	35	14.4	13.9	24.6
STU0979	SRR	431,441	8,515,751	631.19	19.25		0.00	17.00	17.00	763	405	124	5	16.7	7.0	21.2
STU0980	PTB	429,398	8,538,760	565.57	30.00		16.00	30.00	14.00	1,035	330	121	8	11.9	7.2	16.8
STU0981	3B	423,441	8,506,481	396.49	29.00		24.00	29.00	5.00	1,085	619	194	25	17.9	21.6	34.0
STU0982	MCC	431,445	8,526,005	606.86	28.70	No Sig. Ints.										
STU0983	SRR	430,158	8,515,455	692.27	18.85	No Sig. Ints.										
STU0984	MCC	431,440	8,526,640	642.84	17.45	No Sig. Ints.										
STU0985	MA	433,362	8,523,594	538.16	22.00		4.00	22.00	18.00	709	512	159	16	22.4	21.1	37.7
STU0986	MA	432,838	8,524,363	624.51	30.00		15.00	27.00	12.00	1,654	310	89	7	5.9	4.1	8.7
STU0987	RF	422,804	8,516,717	747.35	30.00		0.00	30.00	30.00	827	407	118	13	13.5	16.9	26.0
STU0988	SRR	431,763	8,515,122	598.69	9.15	No Sig. Ints.										
STU0989	3B	421,837	8,505,519	556.37	7.60		0.00	7.60	7.60	4,398	2,742	1,032	44	20.8	10.3	27.5
		421,837	8,505,519	556.37	7.60	including	5.00	7.60	2.60	11,606	7,324	2,778	115	24.4	8.4	29.7
STU0990	SRR	431,125	8,516,064	630.99	20.00		0.00	20.00	20.00	2,606	1,429	489	37	18.4	13.1	27.5
		431,125	8,516,064	630.99	20.00	including	2.00	11.00	9.00	4,421	2,426	820	61	17.8	12.9	27.0
		431,125	8,516,064	630.99	20.00	including	4.00	6.00	2.00	10,548	5,819	1,942	147	18.5	13.6	28.2
STU0995	MA	432,923	8,524,440	580.89	24.80		0.00	3.00	3.00	2,699	199	49	4	1.8	1.3	2.8
		432,923	8,524,440	580.89	24.80	and	13.00	24.80	11.80	3,943	1,874	659	27	8.2	3.5	10.6
		432,923	8,524,440	580.89	24.80	including	19.00	24.80	5.80	6,880	3,643	1,293	50	12.6	4.2	15.3
		432,923	8,524,440	580.89	24.80	including	22.00	24.80	2.80	10,655	7,302	2,592	98	22.9	7.0	27.4

APPENDIX C: Rio Tinto Re-assay Information and Significant Regolith Intercepts

A full list of drillholes with significant intercepts > 200ppm TREO-CeO₂ greater than 5m length downhole. All holes are drilled vertically.

Hole ID	East	North	Elev. (m)	Depth (m)	Label	From (m)	To (m)	Interval (m)	TREO (ppm)	TREO-CeO ₂ (ppm)	NdPr (ppm)	DyTb (ppm)	NdPr: TREO (%)	HREO: TREO (%)	NdPr: TREO (%)
AMBX0013	408,641	8,489,551	804.69	16.50	No Sig. Ints.										
AMBX0078	409,339	8,490,210	753.55	16.50	No Sig. Ints.										
AMBX0181	409,200	8,490,399	747.31	13.00	No Sig. Ints.										
AMBX0200	409,099	8,490,400	754.15	15.00	No Sig. Ints.										
AMBX0202	408,992	8,490,999	769.13	17.50		4.50	17.50	13.00	1,236	664	272	15	20.6	8.4	25.5
AMBX0211	409,400	8,490,199	753.02	12.00	No Sig. Ints.										
AMBX0217	409,450	8,490,999	723.53	22.50	No Sig. Ints.										
AMBX0219	409,400	8,490,600	751.72	17.00	No Sig. Ints.										
AMBX0226	410,200	8,490,400	737.26	27.00	No Sig. Ints.										
AMBX0273	409,300	8,490,398	744.72	10.00	No Sig. Ints.										
AMBX0284	409,249	8,490,399	745.01	19.00	No Sig. Ints.										
AMBX0293	409,102	8,490,200	705.61	7.00	No Sig. Ints.										
AMBX0302	409,405	8,491,195	732.73	12.00		4.50	11.50	7.00	1,099	541	182	6	17.0	9.0	22.9
AMBX0307	408,400	8,490,598	760.21	13.50		1.00	13.50	12.50	761	329	126	5	16.5	6.8	21.0
AMBX0309	409,400	8,490,049	727.83	18.50	No Sig. Ints.										
AMBX0312	408,200	8,491,199	718.56	10.00	No Sig. Ints.										
AMBX0318	407,401	8,491,194	694.42	12.00		5.50	10.50	5.00	615	267	92	3	15.0	5.2	18.2
AMBX0325	411,404	8,491,198	724.41	20.50		1.00	20.50	19.50	663	344	128	6	19.0	7.8	23.8
AMBX0336	407,667	8,490,399	719.53	17.00		6.50	17.00	10.50	1,013	545	120	3	12.9	5.6	16.4
AMBX0337	410,725	8,490,399	670.13	14.00	No Sig. Ints.										
AMBX0339	409,200	8,490,999	727.47	8.00	No Sig. Ints.										
AMBX0341	408,600	8,490,899	770.78	14.00	No Sig. Ints.										
AMBX0343	409,601	8,490,671	714.93	15.00	No Sig. Ints.										
AMBX0346	407,899	8,490,599	779.44	12.00	No Sig. Ints.										
AMBX0351	410,300	8,490,594	673.38	12.50	No Sig. Ints.										
AMBX0356	408,100	8,490,199	736.97	10.50		0.00	7.50	7.50	630	295	111	3	17.3	6.2	21.2
AMBX0365	410,498	8,490,200	703.59	14.50		9.50	14.50	5.00	637	350	133	6	20.6	9.0	26.5
AMBX0381	409,400	8,489,600	709.43	9.00	No Sig. Ints.										
AMBX0384	409,500	8,489,400	751.57	10.00	No Sig. Ints.										
AMBX0386	410,400	8,489,599	766.38	7.00	No Sig. Ints.										
AMBX0390	409,800	8,489,200	789.71	10.50		0.00	10.50	10.50	1,195	597	225	6	18.8	5.3	22.0
AMBX0393	407,910	8,489,791	810.34	25.50		5.00	25.50	20.50	727	336	128	4	17.6	6.4	21.8
AMBX0396	409,400	8,489,200	732.66	10.50	No Sig. Ints.										
AMBX0402	410,000	8,489,200	751.23	7.00	No Sig. Ints.										
AMBX0408	408,505	8,489,797	747.47	17.50		2.00	17.50	15.50	465	241	78	2	16.4	5.6	19.7

Hole ID	East	North	Elev. (m)	Depth (m)	Label	From (m)	To (m)	Interval (m)	TREO (ppm)	TREO-CeO ₂ (ppm)	NdPr (ppm)	DyTb (ppm)	NdPr: TREO (%)	HREO: TREO (%)	NdPr: TREO (%)
AMBX0410	408,798	8,489,600	790.89	20.50	No Sig. Ints.										
AMBX0411	410,399	8,489,199	727.77	9.50		1.00	9.50	8.50	686	321	117	4	17.1	6.3	21.1
AMBX0615	409,397	8,490,297	763.78	21.95	No Sig. Ints.										
AMBX0635	409,601	8,489,202	784.90	35.00	No Sig. Ints.										
AMBX0687	403,654	8,474,154	779.21	2.75	No Sig. Ints.										
AMBX0688	403,642	8,474,138	775.15	5.75		0.00	5.75	5.75	465	270	100	5	21.2	9.7	27.1
AMBX0689	403,572	8,473,911	752.02	4.50	No Sig. Ints.										
AMBX0690	409,914	8,492,297	786.89	29.70	No Sig. Ints.										
AMBX0692	409,703	8,492,602	818.74	31.70		2.50	31.70	29.20	671	345	131	2	19.7	4.7	22.3
AMBX0700	403,303	8,474,033	684.90	4.20	No Sig. Ints.										
AMBX0706	416,361	8,495,638	745.56	25.20	No Sig. Ints.										
AMBX0707	416,925	8,495,544	703.86	18.15		0.00	18.15	18.15	688	333	119	5	17.2	7.4	22.2
AMBX0708	417,284	8,495,510	736.90	6.10		0.00	6.10	6.10	726	340	128	4	17.4	6.0	21.1
AMBX0709	417,288	8,495,507	737.04	7.10		0.00	7.10	7.10	833	390	145	4	17.0	6.0	20.8
AMBX0710	409,706	8,491,596	824.39	24.10	No Sig. Ints.										
AMBX0711	409,699	8,491,499	820.05	30.75	No Sig. Ints.										
AMBX0722	409,501	8,491,300	740.73	29.40		13.65	29.40	15.75	796	416	168	6	21.0	9.1	27.0
AMBX0728	409,391	8,491,099	722.52	19.50	No Sig. Ints.										
AMBX0730	409,069	8,489,464	725.63	20.85		1.00	14.50	13.50	1,209	700	287	30	23.3	15.6	33.1
AMBX0733	408,809	8,488,708	800.94	46.00	No Sig. Ints.										
AMBX0734	409,246	8,487,809	755.34	21.20		0.50	21.20	20.70	633	292	102	3	15.6	5.5	19.0
AMBX0737	408,550	8,488,899	800.40	13.95	No Sig. Ints.										
AMBX0743	409,650	8,491,399	787.58	30.00	No Sig. Ints.										
AMBX0745	409,730	8,491,299	778.87	20.50		11.00	17.50	6.50	1,198	606	226	4	18.9	4.4	21.3
AMBX0755	409,401	8,491,398	757.57	48.90	No Sig. Ints.										
AMBX0761	409,698	8,490,499	732.16	23.55	No Sig. Ints.										
AMBX0764	409,497	8,490,099	709.20	18.10		10.50	18.10	7.60	652	478	121	29	18.1	37.9	46.7
AMBX0766	410,300	8,490,399	739.55	24.90	No Sig. Ints.										
AMBX0768	410,200	8,490,299	758.65	27.75		6.50	27.75	21.25	609	346	131	8	17.4	21.1	31.2
AMBX0769	410,300	8,490,299	761.86	25.15		8.50	25.15	16.65	811	405	148	7	19.5	8.7	24.6
AMBX0771	409,475	8,490,198	731.34	19.90	No Sig. Ints.										
AMBX0776	409,102	8,489,699	743.18	30.35	No Sig. Ints.										
AMBX0777	409,258	8,489,791	699.53	15.80	No Sig. Ints.										
AMBX0778	409,701	8,489,499	732.03	22.10	No Sig. Ints.										
AMBX0779	409,799	8,489,393	751.53	22.10	No Sig. Ints.										
AMBX0780	410,200	8,490,499	710.84	25.80	No Sig. Ints.										
AMBX0781	410,110	8,490,399	722.54	24.35	No Sig. Ints.										
AMBX0782	410,109	8,490,499	702.31	25.85		10.00	17.50	7.50	804	424	154	8	18.0	9.5	23.7
AMBX0790	409,702	8,489,599	713.82	27.95	No Sig. Ints.										
AMBX0940	408,999	8,485,800	695.29	6.00		0.00	6.00	6.00	785	381	133	5	16.8	6.8	21.3
AMBX1014	411,999	8,486,799	545.43	7.00	No Sig. Ints.										
AMBX1063	411,399	8,485,400	714.23	7.50		0.00	7.50	7.50	881	512	203	19	23.0	15.1	33.2

Hole ID	East	North	Elev. (m)	Depth (m)	Label	From (m)	To (m)	Interval (m)	TREO (ppm)	TREO-CeO ₂ (ppm)	NdPr (ppm)	DyTb (ppm)	NdPr: TREO (%)	HREO: TREO (%)	NdPr: TREO (%)
AMBX1115	410,399	8,484,799	641.03	15.00		0.00	15.00	15.00	635	373	148	12	23.3	13.8	32.2
AMBX1119	411,400	8,484,600	706.06	5.50	No Sig. Ints.										
AMBX1123	410,400	8,483,999	635.03	3.00	No Sig. Ints.										
AMBX1126	410,001	8,483,999	662.36	12.00		0.00	12.00	12.00	3,645	2,199	911	101	24.9	18.7	37.7
AMBX1135	411,624	8,485,200	689.40	8.00	No Sig. Ints.										
AMBX1137	410,599	8,483,999	626.73	15.50		0.00	15.50	15.50	1,023	564	232	14	22.6	11.6	29.7
	410,599	8,483,999	626.73	15.50	including	11.50	14.50	3.00	2,844	1,550	658	34	23.1	9.4	28.3
AMBX1167	411,799	8,485,200	736.37	4.00	No Sig. Ints.										
AMBX1178	410,800	8,492,400	642.14	11.50	No Sig. Ints.										
AMBX1205	408,800	8,491,799	780.49	15.00		4.50	10.50	6.00	689	411	169	10	24.1	13.4	32.6
AMBX1218	412,599	8,491,799	587.19	14.20		2.50	14.20	11.70	592	237	86	3	15.0	6.2	18.9
AMBX1219	408,999	8,491,800	826.56	28.00		2.50	18.50	16.00	879	450	164	10	17.8	9.8	24.1
	408,999	8,491,800	826.56	28.00	including	2.50	4.50	2.00	2,326	1,130	436	21	18.8	6.7	22.5
AMBX1221	409,600	8,492,400	833.81	18.00		0.00	16.00	16.00	1,338	763	242	10	16.8	7.5	21.4
AMBX1245	412,585	8,483,798	575.20	10.90	No Sig. Ints.										
AMBX1246	412,399	8,483,799	586.46	13.70	No Sig. Ints.										
AMBX1264	412,599	8,484,400	499.39	9.00	No Sig. Ints.										
AMBX1275	412,399	8,492,600	609.02	19.50		11.50	18.00	6.50	440	278	115	10	25.1	21.1	38.8
AMBX1282	412,024	8,484,000	626.77	11.50	No Sig. Ints.										
AMBX1287	413,049	8,491,399	604.25	13.50	No Sig. Ints.										
AMBX1289	408,399	8,492,000	734.18	18.50		5.00	18.50	13.50	807	392	143	4	17.8	5.9	21.5
AMBX1314	411,200	8,491,600	648.51	20.00	No Sig. Ints.										
AMBX1350	412,824	8,491,399	570.04	19.50		4.00	19.50	15.50	603	261	93	4	15.4	7.3	20.4
AMBX1353	407,400	8,491,000	713.67	19.50		1.50	19.50	18.00	692	320	114	4	16.5	6.4	20.6
AMBX1354	407,497	8,490,600	739.73	14.50		0.50	14.50	14.00	646	287	102	4	15.8	6.3	20.0
AMBX1363	410,449	8,488,800	728.92	17.00		1.00	17.00	16.00	650	319	113	3	17.3	6.1	21.1
AMBX1365	410,546	8,488,800	699.96	17.50		9.50	17.50	8.00	526	239	94	4	17.8	8.0	23.2
AMBX1366	410,348	8,488,801	728.17	16.70	No Sig. Ints.										
AMBX1367	410,299	8,488,801	728.23	18.00		0.50	18.00	17.50	525	261	91	3	17.5	7.2	22.1
AMBX1368	410,249	8,488,800	713.44	14.00		0.00	14.00	14.00	630	314	107	4	17.2	6.3	21.2
AMBX1374	411,599	8,492,799	595.05	16.50	No Sig. Ints.										
AMBX1376	410,300	8,491,000	746.94	16.50	No Sig. Ints.										
AMBX1380	410,600	8,492,199	731.24	16.00	No Sig. Ints.										
AMBX1381	410,800	8,492,199	722.89	15.00	No Sig. Ints.										
AMBX1383	411,400	8,492,199	631.12	23.50		7.00	19.00	12.00	356	202	69	3	19.4	9.4	25.2
AMBX1385	411,799	8,492,200	630.07	17.00	No Sig. Ints.										
AMBX1389	411,602	8,492,599	686.38	6.00		0.00	6.00	6.00	688	368	142	8	20.4	8.8	25.9
AMBX1392	411,386	8,492,799	681.21	3.50	No Sig. Ints.										
AMBX1394	407,999	8,491,599	769.64	15.00		1.00	13.50	12.50	626	276	92	3	14.7	5.1	17.9
AMBX1396	407,600	8,487,490	712.94	15.50		9.00	14.00	5.00	824	384	149	6	17.9	7.0	22.4
AMBX1400	410,399	8,488,847	742.59	13.00	No Sig. Ints.										
AMBX1402	413,399	8,493,200	566.74	16.50		1.00	16.50	15.50	467	238	86	4	18.8	10.6	26.2

Hole ID	East	North	Elev. (m)	Depth (m)	Label	From (m)	To (m)	Interval (m)	TREO (ppm)	TREO-CeO ₂ (ppm)	NdPr (ppm)	DyTb (ppm)	NdPr: TREO (%)	HREO: TREO (%)	NdPr: TREO (%)
AMBX1410	409,000	8,492,000	837.31	20.00		7.50	19.50	12.00	403	228	87	7	21.2	14.9	30.8
AMBX1413	411,395	8,491,999	599.21	8.00	No Sig. Ints.										
AMBX1415	410,200	8,491,599	723.64	3.00	No Sig. Ints.										
AMBX1424	413,796	8,493,200	560.53	14.00		7.50	14.00	6.50	692	361	114	12	16.7	16.8	29.2
AMBX1439	410,202	8,492,200	782.87	16.00	No Sig. Ints.										
AMBX1453	410,400	8,488,699	700.60	22.00	No Sig. Ints.										
AMBX1454	410,400	8,488,650	693.54	17.00		7.50	17.00	9.50	592	282	100	4	16.9	6.9	21.4
AMBX1461	412,200	8,492,800	622.18	18.00		8.50	18.00	9.50	897	444	145	10	16.6	10.0	23.2
AMBX1468	411,984	8,491,399	731.18	10.00	No Sig. Ints.										
AMBX1469	412,200	8,491,399	618.62	18.00		4.50	18.00	13.50	516	248	86	3	16.6	7.6	21.8
AMBX1471	410,399	8,491,400	720.40	13.00	No Sig. Ints.										
AMBX1479	410,801	8,491,399	656.73	22.00	No Sig. Ints.										
AMBX1480	410,595	8,491,402	702.18	12.50	No Sig. Ints.										
AMBX1483	411,200	8,491,399	676.53	17.00	No Sig. Ints.										
AMBX1492	412,800	8,489,000	630.16	22.00		0.50	22.00	21.50	2,688	1,349	472	16	16.4	5.6	19.8
	412,800	8,489,000	630.16	22.00	including	9.00	11.00	2.00	11,206	6,019	2,181	68	19.4	5.3	22.5
AMBX1493	412,800	8,489,199	578.19	4.50	No Sig. Ints.										
AMBX1495	412,800	8,489,799	556.24	13.00		0.50	13.00	12.50	949	437	147	6	15.3	5.8	19.1
AMBX1496	412,349	8,489,799	594.13	10.50		1.50	10.50	9.00	608	292	100	3	16.1	5.5	19.5
AMBX1497	412,796	8,490,599	516.33	12.00		3.50	12.00	8.50	490	228	78	3	14.1	6.0	17.8
AMBX1498	412,398	8,489,000	710.02	8.00	No Sig. Ints.										
AMBX1499	412,250	8,489,000	659.21	12.50		0.00	12.50	12.50	2,473	1,209	418	18	16.6	7.0	21.4
	412,250	8,489,000	659.21	12.50	including	11.00	12.50	1.50	10,365	5,177	1,796	75	17.3	6.4	21.6
AMBX1502	412,000	8,488,601	677.98	4.50	No Sig. Ints.										
AMBX1504	412,799	8,491,000	513.30	11.00	No Sig. Ints.										
AMBX1514	412,600	8,489,599	583.06	21.00		0.00	21.00	21.00	625	258	93	4	14.9	7.0	19.6
AMBX1516	412,399	8,490,800	656.23	13.00		3.00	13.00	10.00	482	239	89	3	18.4	6.5	22.5
AMBX1521	413,025	8,490,999	585.94	19.00	No Sig. Ints.										
AMBX1522	413,247	8,491,199	598.35	16.00	No Sig. Ints.										
AMBX1526	412,249	8,491,200	645.23	21.50		0.00	21.50	21.50	761	380	137	5	18.0	6.7	22.4
AMBX1535	413,400	8,490,199	525.75	14.00		0.00	5.50	5.50	568	276	92	3	14.1	6.2	18.1
AMBX1536	412,600	8,490,599	606.74	20.50		6.50	19.00	12.50	419	203	72	3	16.6	7.7	21.8
AMBX1538	412,399	8,489,599	583.06	13.20		1.00	7.00	6.00	791	363	137	4	16.2	5.7	19.8
AMBX1540	412,999	8,489,999	574.36	15.00		0.50	15.00	14.50	643	291	103	3	16.2	5.2	19.5
AMBX1545	412,392	8,489,198	689.85	2.50	No Sig. Ints.										
AMBX1548	413,800	8,490,400	548.80	8.50	No Sig. Ints.										
AMBX1549	411,625	8,488,800	658.39	18.50		9.50	18.50	9.00	708	290	98	6	14.0	7.7	19.5
AMBX1552	413,197	8,490,199	526.44	10.00		0.00	10.00	10.00	1,107	512	183	7	15.8	5.8	19.4
AMBX1553	413,199	8,489,400	579.56	13.50	No Sig. Ints.										
AMBX1556	412,822	8,490,399	540.24	12.00		0.50	8.00	7.50	504	227	79	2	15.8	5.8	19.6
AMBX1557	411,798	8,489,199	620.93	13.00	No Sig. Ints.										
AMBX1558	411,626	8,489,199	655.97	17.00	No Sig. Ints.										

Hole ID	East	North	Elev. (m)	Depth (m)	Label	From (m)	To (m)	Interval (m)	TREO (ppm)	TREO-CeO ₂ (ppm)	NdPr (ppm)	DyTb (ppm)	NdPr: TREO (%)	HREO: TREO (%)	NdPr: TREO (%)
AMBX1559	407,775	8,491,400	699.48	14.50		1.50	14.50	13.00	666	312	111	3	16.6	5.7	20.2
AMBX1563	411,851	8,489,000	632.46	23.00		0.00	21.50	21.50	536	253	87	4	16.0	7.4	21.0
AMBX1564	411,750	8,491,999	588.61	12.50	No Sig. Ints.										
AMBX1566	410,998	8,489,002	700.40	27.00		3.50	27.00	23.50	468	229	83	4	17.7	8.3	23.1
AMBX1568	413,450	8,490,600	551.56	13.50		2.00	9.00	7.00	619	237	83	3	13.0	4.9	16.3
AMBX1570	412,650	8,493,399	525.12	9.50	No Sig. Ints.										
AMBX1575	412,149	8,491,999	595.97	15.00	No Sig. Ints.										
AMBX1576	412,399	8,489,399	653.52	7.20	No Sig. Ints.										
AMBX1577	412,190	8,489,600	644.58	17.25		0.50	17.25	16.75	607	293	102	3	16.8	5.8	20.4
AMBX1581	413,249	8,491,000	591.07	6.75	No Sig. Ints.										
AMBX1583	413,551	8,491,199	663.42	15.00		4.50	11.50	7.00	502	245	88	4	17.7	8.4	23.5
AMBX1587	412,996	8,489,799	615.65	16.00		11.00	16.00	5.00	639	251	72	3	12.2	6.0	16.5
AMBX1588	411,800	8,489,599	605.20	12.00		3.50	9.50	6.00	595	270	104	4	17.4	6.4	21.5
AMBX1589	411,599	8,489,599	649.91	19.00	No Sig. Ints.										
AMBX1592	411,375	8,493,399	579.75	10.50		3.00	9.00	6.00	814	670	205	17	24.1	16.0	34.7
AMBX1596	411,001	8,489,200	736.84	13.00		0.00	13.00	13.00	792	376	134	4	17.0	5.9	20.6
AMBX1599	413,401	8,491,199	653.34	22.50		2.00	18.50	16.50	622	292	105	3	16.8	5.7	20.3
AMBX1602	412,949	8,493,800	514.69	12.50	No Sig. Ints.										
AMBX1607	413,200	8,490,799	612.24	20.50	No Sig. Ints.										
AMBX1608	409,149	8,492,800	717.55	2.00	No Sig. Ints.										
AMBX1610	409,757	8,491,999	755.03	13.00	No Sig. Ints.										
AMBX1611	413,200	8,490,600	580.34	18.50	No Sig. Ints.										
AMBX1614	412,000	8,489,799	611.77	23.00		2.50	22.00	19.50	553	292	98	4	17.5	7.2	22.2
AMBX1623	412,394	8,489,998	571.29	8.00		0.50	7.50	7.00	460	228	82	2	17.7	6.7	22.0
AMBX1632	413,650	8,490,400	547.97	12.00	No Sig. Ints.										
AMBX1634	411,372	8,489,199	739.39	4.00	No Sig. Ints.										
AMBX1636	411,377	8,489,398	712.41	9.00	No Sig. Ints.										
AMBX1645	412,200	8,490,000	571.74	14.00		0.50	6.00	5.50	458	231	68	3	14.9	6.7	19.4
AMBX1647	412,949	8,490,399	501.98	4.50	No Sig. Ints.										
AMBX1652	413,199	8,493,999	562.12	19.00		2.50	14.00	11.50	439	226	79	4	18.0	8.4	23.6
AMBX1658	413,200	8,494,200	578.03	17.50		3.50	17.00	13.50	427	226	85	4	20.1	8.7	25.6
AMBX1661	412,202	8,490,397	621.12	8.00	No Sig. Ints.										
AMBX1664	409,449	8,485,600	651.40	10.50		0.00	5.00	5.00	621	333	104	7	16.9	12.3	25.8
AMBX1668	412,201	8,490,599	648.61	16.50		0.00	13.00	13.00	673	313	113	4	16.7	5.9	20.4
AMBX1670	413,250	8,489,999	539.71	11.00		3.50	11.00	7.50	643	287	102	2	15.7	5.1	18.5
AMBX1672	412,055	8,489,999	586.96	14.00	No Sig. Ints.										
AMBX1674	411,399	8,488,600	612.07	11.00		4.00	11.00	7.00	771	302	108	5	14.0	6.5	18.4
AMBX1675	411,600	8,494,199	605.07	18.00		5.50	12.50	7.00	647	339	117	4	17.8	6.5	21.9
AMBX1677	410,778	8,493,999	613.46	11.00		1.00	6.00	5.00	414	232	65	5	15.5	11.2	23.1
AMBX1680	412,000	8,490,401	634.12	15.00		2.50	15.00	12.50	545	262	97	3	18.2	6.6	22.4
AMBX1681	413,401	8,494,399	627.59	14.50	No Sig. Ints.										
AMBX1683	410,799	8,494,599	678.45	24.00		14.00	22.00	8.00	882	438	163	5	18.7	7.2	22.7

Hole ID	East	North	Elev. (m)	Depth (m)	Label	From (m)	To (m)	Interval (m)	TREO (ppm)	TREO-CeO ₂ (ppm)	NdPr (ppm)	DyTb (ppm)	NdPr: TREO (%)	HREO: TREO (%)	NdPr: TREO (%)
AMBX1685	411,400	8,494,600	622.80	13.00		0.50	9.00	8.50	827	374	132	3	16.5	4.4	19.0
AMBX1691	407,903	8,486,000	687.01	16.50	No Sig. Ints.										
AMBX1703	409,575	8,487,400	692.25	9.00		3.50	9.00	5.50	526	227	75	2	14.4	5.3	17.8
AMBX1704	410,625	8,494,600	625.65	11.00	No Sig. Ints.										
AMBX1711	411,049	8,485,800	678.22	15.50		0.00	13.00	13.00	451	261	105	7	23.3	13.2	31.6
AMBX1712	409,149	8,487,199	711.33	8.00	No Sig. Ints.										
AMBX1716	410,250	8,487,799	684.31	13.50	No Sig. Ints.										
AMBX1718	411,381	8,494,403	587.31	9.00		2.00	9.00	7.00	1,160	415	156	5	17.2	6.4	21.1
AMBX1722	411,474	8,488,001	598.63	7.50		0.00	7.50	7.50	1,277	601	214	8	16.7	6.0	20.5
AMBX1724	410,399	8,487,650	657.40	9.50		1.00	9.50	8.50	788	376	117	5	14.8	6.3	18.9
AMBX1726	410,999	8,494,200	681.26	15.00	No Sig. Ints.										
AMBX1728	411,605	8,489,400	615.64	10.00		0.00	10.00	10.00	1,285	772	235	9	15.4	5.4	18.7
AMBX1732	410,249	8,494,400	651.90	23.00		7.00	17.50	10.50	1,367	814	301	18	21.2	10.5	27.5
AMBX1734	413,997	8,491,799	534.75	10.50	No Sig. Ints.										
AMBX1736	408,650	8,485,600	704.07	11.00		0.00	10.50	10.50	783	382	126	5	16.2	6.4	20.4
AMBX1746	408,602	8,489,949	733.81	17.00		1.00	14.50	13.50	679	367	129	6	18.7	7.5	23.4
AMBX1748	413,400	8,493,799	665.13	9.00	No Sig. Ints.										
AMBX1750	410,600	8,494,402	671.90	26.50		4.00	26.50	22.50	733	406	129	14	17.0	11.9	24.9
AMBX1753	408,450	8,489,600	768.63	17.50	No Sig. Ints.										
AMBX1756	412,211	8,489,402	661.00	22.50		4.00	22.00	18.00	766	332	129	5	14.9	6.5	19.1
AMBX1758	410,049	8,494,399	634.24	16.00	No Sig. Ints.										
AMBX1759	410,949	8,486,199	630.80	10.00		0.00	10.00	10.00	2,012	1,073	410	32	20.0	11.0	27.0
	410,949	8,486,199	630.80	10.00	including	6.00	10.00	4.00	3,387	1,817	697	57	17.7	9.9	24.0
AMBX1763	410,000	8,494,599	670.45	12.00	No Sig. Ints.										
AMBX1767	411,349	8,486,199	651.13	13.00	No Sig. Ints.										
AMBX1771	411,650	8,486,599	562.34	8.00		0.00	8.00	8.00	766	432	169	10	21.9	11.2	28.9
AMBX1774	413,900	8,491,599	569.60	15.00		4.50	13.00	8.50	464	223	78	3	16.8	6.6	21.0
AMBX1779	412,000	8,492,224	587.42	7.00		2.00	7.00	5.00	543	289	97	13	18.2	20.1	31.9
AMBX1787	411,950	8,489,799	601.80	22.50		7.50	21.00	13.50	475	243	89	3	18.6	7.5	23.5
AMBX1797	414,049	8,491,000	704.09	16.00		0.00	16.00	16.00	798	409	131	4	15.9	5.8	19.5
AMBX1798	414,199	8,491,000	702.40	9.50		0.00	7.00	7.00	1,489	738	240	7	15.2	4.4	17.8
	414,199	8,491,000	702.40	9.50	including	3.00	5.50	2.50	2,332	1,282	409	12	17.1	5.0	20.0
AMBX1801	413,999	8,490,799	598.50	22.50		0.00	20.50	20.50	997	370	120	5	11.8	5.1	15.1
AMBX1812	413,999	8,490,602	610.37	10.00		0.00	10.00	10.00	2,184	1,210	439	36	19.6	12.1	27.9
AMBX1818	408,000	8,491,450	734.95	9.50		2.50	9.50	7.00	572	264	95	3	16.4	5.7	20.1
AMBX1820	412,149	8,487,000	540.76	15.00		0.00	15.00	15.00	447	258	101	8	22.8	13.9	31.8
AMBX1831	416,598	8,493,000	547.63	11.50		0.50	11.50	11.00	880	428	154	6	17.4	6.6	21.7
AMBX1849	404,200	8,472,999	728.00	16.00		5.00	11.50	6.50	1,265	733	309	20	22.6	11.0	29.2
AMBX1869	415,799	8,494,594	622.13	19.00		0.00	19.00	19.00	731	359	133	6	18.3	7.8	23.6
AMBX1878	413,390	8,499,399	828.06	11.00		5.00	11.00	6.00	442	215	73	3	16.2	7.9	21.2
AMBX1904	419,820	8,499,400	600.43	13.50	No Sig. Ints.										
AMBX1911	415,054	8,492,994	576.45	15.00		4.00	11.50	7.50	580	254	86	2	15.1	4.6	17.8

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AMBX1954	410,598	8,488,800	679.56	11.00		2.00	11.00	9.00	517	243	88	3	16.9	6.9	21.5
AMBX1956	411,988	8,484,199	665.85	7.00		0.50	7.00	6.50	488	267	95	7	19.5	11.3	26.9
AMBX1957	411,006	8,490,798	750.60	12.00		0.50	12.00	11.50	762	393	139	6	17.9	7.5	22.8
AMBX1993	409,504	8,491,199	738.13	16.50	No Sig. Ints.										
AMBX2000	408,799	8,491,099	745.67	17.00	No Sig. Ints.										
AMBX2004	409,099	8,491,099	725.21	10.00	No Sig. Ints.										
AMBX2010	408,499	8,491,098	716.70	10.00		2.00	10.00	8.00	633	320	125	5	19.8	8.5	25.5
AMBX2011	415,759	8,493,800	630.76	18.00		0.00	18.00	18.00	805	410	141	4	17.4	5.7	20.9
AMBX2017	408,698	8,491,098	741.12	20.00		1.00	9.50	8.50	364	233	53	3	14.2	8.6	20.1
AMBX2025	414,999	8,495,399	680.58	15.00	No Sig. Ints.										
AMBX2028	408,399	8,490,898	736.16	20.00		3.00	20.00	17.00	714	353	133	5	18.6	7.7	23.7
AMBX2034	409,099	8,490,899	753.25	22.00	No Sig. Ints.										
AMBX2035	409,199	8,490,899	737.33	14.00	No Sig. Ints.										
AMBX2436	415,450	8,494,999	700.33	19.00		1.00	15.50	14.50	524	311	104	8	19.5	12.3	27.9
AMBX2439	415,076	8,494,999	623.32	19.00	No Sig. Ints.										
AMBX2440	415,599	8,495,799	698.02	13.00	No Sig. Ints.										
AMBX2447	416,299	8,495,400	807.21	17.00		6.50	13.50	7.00	1,962	1,130	453	29	21.7	9.1	27.2
AMBX2449	415,707	8,495,000	663.84	17.50		0.50	17.50	17.00	982	481	187	10	19.1	9.1	25.3
AMBX2452	415,799	8,495,800	763.98	12.00	No Sig. Ints.										
AMBX2453	415,405	8,495,399	681.61	11.00		0.00	5.00	5.00	987	593	225	20	22.3	13.2	30.8
AMBX2454	416,899	8,495,399	679.18	15.00		1.00	15.00	14.00	664	328	110	4	16.4	5.8	20.2
AMBX2455	416,650	8,495,800	739.44	23.00		0.00	17.50	17.50	712	368	143	11	19.5	11.4	26.7
AMBX2456	416,989	8,496,199	674.21	8.00	No Sig. Ints.										
AMBX2486	417,253	8,496,600	683.31	17.50	No Sig. Ints.										
AMBX2705	409,503	8,491,599	800.53	15.00	No Sig. Ints.										
AMBX2730	409,287	8,491,499	769.21	9.50	No Sig. Ints.										
AMBX2741	409,502	8,491,398	759.44	12.00		5.00	12.00	7.00	508	263	104	4	20.6	8.5	26.1
AMBX2744	409,326	8,492,396	810.64	25.00		10.00	25.00	15.00	609	327	123	8	18.5	14.1	28.1
AMBX2746	409,505	8,492,099	868.41	27.50	No Sig. Ints.										
AMBX2748	409,200	8,491,299	733.28	6.00	No Sig. Ints.										
AMBX2752	409,700	8,492,298	842.84	20.00	No Sig. Ints.										
AMBX2788	409,503	8,491,798	833.38	15.50	No Sig. Ints.										
AMBX3032	413,199	8,499,999	805.21	32.50	No Sig. Ints.										
AMBX3044	409,423	8,480,200	536.60	19.00		0.00	17.00	17.00	1,136	610	240	16	20.8	11.3	28.0
AMBX3052	405,400	8,475,000	721.19	12.50		0.50	12.50	12.00	694	364	128	8	18.4	9.5	24.6
AMBX3055	411,596	8,485,419	739.44	8.00	No Sig. Ints.										
AMBX3057	413,206	8,472,400	444.20	14.50	No Sig. Ints.										
AMBX3058	403,974	8,475,003	797.20	8.00		1.50	8.00	6.50	928	490	186	12	20.1	10.6	27.0
AMBX3059	413,001	8,472,006	513.66	18.50	No Sig. Ints.										
AMBX3062	408,808	8,479,864	509.63	13.00		0.00	13.00	13.00	1,191	761	262	25	20.8	18.6	34.2
AMBX3063	408,600	8,479,599	502.70	12.00		0.50	12.00	11.50	680	317	91	7	13.3	8.4	19.1
AMBX3065	409,003	8,479,796	607.65	16.30		0.00	16.30	16.30	596	330	124	7	20.8	10.3	27.2

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AMBX3067	408,607	8,479,997	488.93	16.00		0.50	8.00	7.50	559	361	143	7	25.5	10.8	32.1
AMBX3069	409,629	8,479,799	641.06	11.50		0.00	11.50	11.50	685	368	139	6	20.0	7.4	24.6
AMBX3072	409,802	8,480,005	594.41	8.50		0.50	8.50	8.00	553	288	104	6	19.0	9.5	25.3
AMBX3073	421,407	8,503,804	578.80	7.50	No Sig. Ints.										
AMBX3074	421,599	8,503,801	630.62	12.00	No Sig. Ints.										
AMBX3075	416,154	8,500,302	715.10	21.00	No Sig. Ints.										
AMBX3078	421,601	8,504,002	671.96	7.50	No Sig. Ints.										
AMBX3079	421,602	8,504,403	725.00	15.00	No Sig. Ints.										
AMBX3080	421,781	8,504,399	700.55	21.00	No Sig. Ints.										
AMBX3081	420,599	8,500,398	650.16	15.00	No Sig. Ints.										
AMBX3085	420,208	8,500,998	473.86	3.80	No Sig. Ints.										
AMBX3086	420,204	8,500,198	527.80	12.00	No Sig. Ints.										
AMBX3087	420,205	8,500,402	596.10	13.00	No Sig. Ints.										
AMBX3090	419,199	8,500,595	707.07	26.00	No Sig. Ints.										
AMBX3091	420,602	8,500,590	562.85	12.00		1.50	11.00	9.50	862	273	97	5	12.1	6.0	16.1
AMBX3092	421,405	8,504,203	620.76	6.00	No Sig. Ints.										
AMBX3093	419,200	8,500,946	659.75	16.00	No Sig. Ints.										
AMBX3094	419,792	8,500,994	567.60	12.00	No Sig. Ints.										
AMBX3095	419,830	8,501,423	696.87	6.50	No Sig. Ints.										
AMBX3096	419,655	8,501,552	756.45	8.50	No Sig. Ints.										
AMBX3101	421,608	8,500,000	593.82	19.50		0.50	19.50	19.00	770	393	142	5	18.3	7.0	22.9
AMBX3102	422,010	8,499,993	598.80	11.00		3.00	8.50	5.50	593	284	99	4	16.8	7.2	21.6
AMBX3104	422,203	8,500,400	733.92	6.00		0.00	6.00	6.00	978	421	155	4	16.0	5.0	19.1
AMBX3108	402,606	8,474,996	702.34	4.00	No Sig. Ints.										
AMBX3110	401,427	8,475,794	631.43	10.00		0.50	10.00	9.50	2,040	720	227	21	12.5	11.8	21.3
AMBX3111	401,801	8,475,400	689.98	19.50	No Sig. Ints.										
AMBX3112	402,203	8,474,597	750.89	16.00	No Sig. Ints.										
AMBX3115	402,200	8,475,824	698.68	14.50		0.00	5.50	5.50	1,156	585	227	13	19.4	11.0	27.0
AMBX3116	401,831	8,474,995	663.37	12.00		2.00	6.00	4.00	4,265	291	65	14	2.8	6.4	7.7
	401,831	8,474,995	663.37	12.00	including	3.50	4.00	0.50	10,193	108	31	5	0.3	0.4	0.6
	401,831	8,474,995	663.37	12.00	and	4.00	12.00	8.00	1,293	493	138	20	12.3	16.6	24.8
AMBX3117	402,551	8,474,194	623.94	5.50		0.00	5.50	5.50	782	413	141	11	18.0	12.0	26.2
AMBX3118	401,763	8,474,511	686.88	5.00	No Sig. Ints.										
AMBX3119	401,407	8,474,197	621.82	19.50		0.50	19.50	19.00	1,310	880	349	24	21.2	19.0	34.4
	401,407	8,474,197	621.82	19.50	including	11.00	16.50	5.50	3,367	2,309	950	69	27.1	21.0	41.7
	401,407	8,474,197	621.82	19.50	including	11.50	12.00	0.50	14,309	9,445	3,988	256	27.9	16.7	39.1
AMBX3120	401,423	8,474,813	689.30	7.80	No Sig. Ints.										
AMBX3123	402,000	8,476,000	683.75	12.00	No Sig. Ints.										
AMBX3124	401,608	8,474,591	740.56	19.50		0.50	19.50	19.00	41,896	23,783	8,713	523	20.3	10.3	27.6
	401,608	8,474,591	740.56	19.50	including	19.00	19.50	0.50	115,063	62,365	23,511	1,397	20.4	10.5	27.9
AMBX3126	401,195	8,474,426	569.32	1.50	No Sig. Ints.										
AMBX3127	401,792	8,474,407	646.42	4.00	No Sig. Ints.										

Hole ID	East	North	Elev. (m)	Depth (m)	Label	From (m)	To (m)	Interval (m)	TREO (ppm)	TREO-CeO ₂ (ppm)	NdPr (ppm)	DyTb (ppm)	NdPr: TREO (%)	HREO: TREO (%)	NdPr: TREO (%)
AMBX3128	408,605	8,477,749	308.97	2.50	No Sig. Ints.										
AMBX3129	409,405	8,476,199	273.23	10.00	No Sig. Ints.										
AMBX3130	409,002	8,476,207	363.30	8.00	No Sig. Ints.										
AMBX3131	409,000	8,477,424	332.64	8.50		0.50	8.50	8.00	621	289	106	8	18.5	10.8	25.5
AMBX3132	409,408	8,477,797	571.59	19.50		4.50	18.00	13.50	635	361	125	11	19.4	15.2	30.2
AMBX3133	409,405	8,478,628	541.05	8.50	No Sig. Ints.										
AMBX3134	409,000	8,476,599	366.64	14.10		0.00	13.50	13.50	717	399	140	13	19.5	14.6	29.8
AMBX3135	408,556	8,476,198	482.47	12.50		4.50	12.00	7.50	675	352	133	8	20.0	10.1	26.4
AMBX3138	408,607	8,478,602	422.33	4.50	No Sig. Ints.										
AMBX3141	402,206	8,475,594	792.46	14.00		0.00	14.00	14.00	4,869	2,462	945	44	18.8	9.0	24.8
	402,206	8,475,594	792.46	14.00	including	3.50	7.00	3.50	10,693	5,313	2,051	93	19.0	8.5	24.7
	402,206	8,475,594	792.46	14.00	and	13.00	14.00	1.00	10,445	5,747	2,176	110	20.8	9.6	27.2
AMBX3143	402,008	8,475,799	697.14	11.30	No Sig. Ints.										
AMBX3144	402,049	8,475,401	714.55	13.50	No Sig. Ints.										
AMBX3147	409,392	8,478,815	584.44	11.00		0.00	11.00	11.00	1,051	584	233	13	21.8	10.3	28.3
AMBX3149	409,202	8,477,801	531.21	11.50	No Sig. Ints.										
AMBX3150	409,407	8,477,986	571.70	14.50	No Sig. Ints.										
AMBX3154	409,004	8,478,803	586.11	7.50		0.00	7.50	7.50	911	480	182	10	20.1	8.9	25.6
AMBX3158	409,604	8,480,197	596.00	19.50	No Sig. Ints.										
AMBX3159	409,416	8,480,002	552.11	6.80	No Sig. Ints.										
AMBX3162	408,005	8,470,002	670.99	19.50	No Sig. Ints.										
AMBX3163	408,877	8,470,400	540.33	8.50	No Sig. Ints.										
AMBX3164	408,197	8,469,997	671.43	14.50		3.50	9.00	5.50	465	247	96	3	20.6	7.4	24.5
AMBX3166	408,403	8,470,000	648.45	19.50	No Sig. Ints.										
AMBX3171	408,202	8,469,812	649.63	8.50	No Sig. Ints.										
AMBX3172	408,976	8,469,796	565.93	8.50	No Sig. Ints.										
AMBX3174	408,770	8,469,981	634.33	13.00		0.00	7.50	7.50	501	259	91	2	18.4	5.4	21.4
AMBX3177	408,197	8,470,401	620.50	13.50	No Sig. Ints.										
AMBX3178	408,729	8,470,202	600.76	19.50	No Sig. Ints.										
AMBX3179	408,402	8,470,477	613.40	19.50	No Sig. Ints.										
AMBX4340	408,504	8,490,800	770.71	20.00	No Sig. Ints.										
AMBX4484	408,898	8,490,499	804.72	17.00	No Sig. Ints.										
AMBX4538	408,299	8,490,395	755.92	16.50		0.00	16.50	16.50	858	429	144	5	16.2	6.1	20.1
AMBX4573	408,200	8,490,299	763.52	15.50	No Sig. Ints.										
AMBX4628	408,297	8,490,198	747.66	15.50		0.50	15.50	15.00	848	382	134	5	15.9	5.8	19.7
AMBX4631	408,910	8,490,202	733.50	22.00		3.00	22.00	19.00	492	271	96	6	17.4	12.3	25.3
AMBX4669	409,000	8,490,099	719.90	24.00		6.50	12.50	6.00	487	261	84	2	17.5	5.3	20.5
AMBX4748	408,300	8,489,899	755.55	7.50		0.50	7.50	7.00	799	386	148	6	18.5	7.1	23.1
AMBX4750	408,499	8,489,899	731.82	11.50		6.00	11.50	5.50	879	518	166	4	18.2	4.8	21.0
AMBX4837	408,599	8,489,699	789.39	19.50	No Sig. Ints.										
AMBX4846	409,599	8,489,698	707.86	9.00	No Sig. Ints.										
AMBX4923	408,324	8,489,499	779.53	18.00		1.50	18.00	16.50	621	273	100	3	16.1	5.6	19.5

Hole ID	East	North	Elev. (m)	Depth (m)	Label	From (m)	To (m)	Interval (m)	TREO (ppm)	TREO-CeO ₂ (ppm)	NdPr (ppm)	DyTb (ppm)	NdPr: TREO (%)	HREO: TREO (%)	NdPr: TREO (%)
AMBX4932	409,298	8,489,500	711.07	9.00	No Sig. Ints.										
AMBX7040	408,797	8,489,399	753.93	24.35	No Sig. Ints.										
AMBX7045	409,615	8,489,098	782.67	32.00		12.50	28.50	16.00	495	270	108	6	21.7	12.2	30.2
AMBX7048	409,599	8,490,199	690.71	14.45	No Sig. Ints.										
AMBX7050	409,801	8,492,201	826.08	31.50	No Sig. Ints.										
AMBX7053	408,702	8,489,300	752.96	39.50	No Sig. Ints.										
AMBX7058	408,476	8,489,299	764.04	22.00	No Sig. Ints.										
AMBX7059	408,498	8,489,499	790.05	23.25		17.50	23.25	5.75	662	344	122	6	18.4	8.2	23.8
AMBX7062	409,475	8,489,799	691.59	15.40	No Sig. Ints.										
AMBX7065	409,397	8,489,400	736.44	17.00	No Sig. Ints.										
AMBX7066	410,198	8,490,399	737.20	30.00	No Sig. Ints.										
AMBX7070	410,448	8,490,199	729.52	21.90		0.50	21.90	21.40	436	213	81	2	18.6	6.2	22.4
AMBX7072	409,649	8,489,400	752.34	19.25	No Sig. Ints.										
AMBX7075	409,420	8,489,299	747.36	20.70	No Sig. Ints.										
AMBX7077	410,001	8,492,398	747.98	25.35	No Sig. Ints.										
AMBX7079	411,047	8,492,399	611.23	10.05	No Sig. Ints.										
AMBX7080	410,398	8,492,599	718.27	37.00	No Sig. Ints.										
AMBX7083	409,703	8,489,998	691.55	18.60		5.50	18.60	13.10	1,209	658	229	13	18.5	11.0	25.9
AMBX7084	410,573	8,490,399	687.63	23.75	No Sig. Ints.										
AMBX7085	408,901	8,490,999	772.13	17.00		0.50	6.00	5.50	527	268	93	7	17.7	11.1	25.2
AMBX7086	409,597	8,492,599	812.44	22.00		0.50	6.00	5.50	661	368	132	14	19.3	17.3	31.0
AMBX7088	409,601	8,492,799	814.11	34.45		8.50	13.50	5.00	549	275	98	4	17.1	8.2	22.2
	409,601	8,492,799	814.11	34.45	and	27.00	32.50	5.50	637	344	124	9	19.5	12.5	27.8
AMBX7089	409,797	8,492,999	778.75	29.15		2.00	9.00	7.00	691	409	169	16	23.7	22.2	38.6
	409,797	8,492,999	778.75	29.15	and	19.50	29.15	9.65	982	559	194	14	19.3	13.5	28.7
AMBX7092	410,491	8,492,801	666.06	17.20	No Sig. Ints.										
AMBX7094	411,010	8,493,201	684.94	24.85		0.00	24.85	24.85	622	296	113	3	18.1	5.6	21.3
AMBX7099	409,197	8,492,399	755.36	21.05		0.00	21.05	21.05	464	276	87	10	18.5	16.5	29.8
AMBX7101	409,100	8,491,959	846.82	30.45		19.00	28.50	9.50	570	276	98	6	17.6	10.9	25.1
AMBX7102	408,997	8,491,999	837.32	35.90		5.00	16.00	11.00	516	292	121	9	22.9	13.6	31.1
AMBX7103	410,916	8,491,003	678.70	17.50		12.00	17.50	5.50	844	571	162	27	18.3	31.8	42.6
AMBX7104	410,800	8,490,800	680.50	19.00	No Sig. Ints.										
AMBX7105	409,604	8,490,400	721.91	5.15	No Sig. Ints.										
AMBX7107	409,012	8,486,784	661.22	7.40	No Sig. Ints.										
AMBX7108	408,001	8,486,599	749.10	25.30		16.00	25.30	9.30	495	208	70	3	14.9	7.3	19.4
AMBX7109	409,375	8,485,999	688.19	20.05		0.00	10.00	10.00	667	358	116	4	16.7	6.7	20.9
AMBX7110	410,602	8,485,399	680.71	9.20	No Sig. Ints.										
AMBX7111	410,047	8,491,799	718.67	28.20	No Sig. Ints.										
AMBX7112	411,202	8,491,799	615.93	28.30		21.50	28.30	6.80	1,092	884	283	40	24.5	31.8	48.0
AMBX7113	410,397	8,491,599	653.81	21.40	No Sig. Ints.										
AMBX7114	410,594	8,491,598	619.45	14.05	No Sig. Ints.										
AMBX7115	410,650	8,491,799	649.92	26.90	No Sig. Ints.										

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AMBX7116	411,219	8,491,199	677.90	12.00	No Sig. Ints.										
AMBX7118	411,202	8,487,799	656.79	9.70		1.00	9.70	8.70	501	250	86	4	17.2	7.8	22.5
AMBX7119	411,598	8,485,399	740.22	10.90		0.50	10.90	10.40	502	283	106	8	21.2	13.6	30.3
AMBX7120	410,639	8,492,999	727.73	24.85	No Sig. Ints.										
AMBX7121	411,330	8,484,799	716.53	3.45	No Sig. Ints.										
AMBX7122	410,978	8,486,000	661.60	13.00	No Sig. Ints.										
AMBX7123	410,602	8,485,000	628.95	12.40		0.00	7.00	7.00	491	264	104	5	21.3	9.5	27.0
AMBX7124	411,198	8,485,400	747.38	8.05		0.00	8.05	8.05	557	299	113	8	20.2	10.6	26.9
AMBX7125	411,001	8,485,399	755.70	14.70		0.00	14.70	14.70	910	537	234	16	25.5	13.6	33.9
AMBX7126	410,196	8,485,600	627.92	21.30		0.00	21.30	21.30	2,543	1,289	492	26	19.1	11.5	26.8
AMBX7127	403,200	8,471,199	563.84	17.50	No Sig. Ints.										
AMBX7128	402,799	8,471,999	659.98	18.65		0.00	18.65	18.65	639	358	142	9	22.0	11.2	29.0
AMBX7130	403,250	8,472,399	655.99	16.10		0.00	16.10	16.10	504	285	110	8	21.9	12.1	29.5
AMBX7133	403,605	8,472,800	735.83	11.25		1.50	11.25	9.75	443	253	101	7	22.7	12.2	30.2
AMBX7134	403,410	8,472,799	705.62	11.20		1.00	10.50	9.50	484	258	100	5	20.6	9.3	26.2
AMBX7137	413,850	8,498,799	853.88	7.05	No Sig. Ints.										
AMBX7138	414,001	8,498,800	853.73	13.20		8.00	13.20	5.20	810	416	158	6	19.4	8.2	24.8
AMBX7139	413,800	8,498,999	853.91	12.05		1.50	9.00	7.50	570	311	99	6	17.4	8.9	23.2
AMBX7140	413,201	8,499,599	824.30	11.55		2.00	7.50	5.50	403	252	73	6	17.8	16.0	28.8
AMBX7141	413,399	8,499,749	778.92	6.00	No Sig. Ints.										
AMBX7143	413,000	8,499,599	796.50	12.55		0.00	12.55	12.55	644	314	111	4	17.2	7.1	21.9
AMBX7144	413,199	8,499,999	805.13	26.05	No Sig. Ints.										
AMBX7147	413,600	8,499,399	822.31	13.25		3.00	8.50	5.50	498	257	92	3	18.5	7.0	22.9
AMBX7148	413,626	8,499,599	776.44	9.85	No Sig. Ints.										
AMBX7151	413,751	8,499,799	729.94	28.45	No Sig. Ints.										
AMBX7153	412,825	8,498,598	794.83	11.00		1.00	11.00	10.00	484	257	82	7	17.1	13.7	27.3
AMBX7154	412,850	8,498,799	774.62	27.80	No Sig. Ints.										
AMBX7155	412,963	8,498,634	796.45	24.85		0.50	7.00	6.50	475	243	77	4	16.2	8.8	22.2
AMBX7156	414,199	8,498,794	848.83	14.75	No Sig. Ints.										
AMBX7157	413,391	8,499,400	827.99	18.25		11.00	18.22	7.22	788	402	154	4	19.6	7.0	24.0
AMBX7158	413,001	8,499,399	776.91	16.00	No Sig. Ints.										
AMBX7160	412,600	8,499,751	706.40	24.40		7.50	19.50	12.00	694	320	120	4	17.3	6.7	21.6
AMBX7162	412,799	8,499,600	734.81	35.90		29.00	35.00	6.00	732	420	144	14	21.7	21.1	36.7
AMBX7163	412,600	8,499,623	712.25	18.35		3.00	17.50	14.50	749	338	129	5	17.1	6.8	21.6
AMBX7164	412,400	8,499,655	688.06	18.80		4.00	18.80	14.80	899	438	152	5	16.9	5.8	20.5
AMBX7167	404,801	8,472,399	608.09	15.95	No Sig. Ints.										
AMBX7168	405,000	8,472,517	642.99	15.85		1.50	15.85	14.35	663	377	142	8	20.6	10.2	27.1
AMBX7169	405,001	8,472,599	650.68	15.55	No Sig. Ints.										
AMBX7170	404,999	8,472,800	640.81	19.80		9.00	19.50	10.50	688	400	140	6	19.0	9.4	25.2
AMBX7171	405,150	8,472,800	658.45	29.10		1.00	26.50	25.50	799	463	174	11	21.0	15.2	31.4
AMBX7172	404,949	8,472,402	622.84	7.75	No Sig. Ints.										
AMBX7173	404,841	8,472,600	611.72	20.00		3.00	14.50	11.50	441	259	99	4	22.3	10.0	28.4

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AMBX7174	405,002	8,472,947	613.85	15.00	No Sig. Ints.										
AMBX7175	405,000	8,473,200	625.61	21.30	No Sig. Ints.										
AMBX7176	404,748	8,473,199	697.52	19.55		0.50	19.55	19.05	709	336	114	8	17.8	9.7	24.1
AMBX7177	403,802	8,473,400	741.18	7.20		0.00	7.05	7.05	681	399	147	10	21.6	12.1	29.3
AMBX7178	403,999	8,473,254	729.26	26.80		0.00	26.80	26.80	514	302	103	7	17.4	12.9	26.0
AMBX7180	404,414	8,472,814	697.21	28.05		20.00	27.00	7.00	827	480	196	11	22.1	11.6	29.5
AMBX7181	404,600	8,472,673	659.27	29.00		0.00	29.00	29.00	713	386	141	8	19.7	10.5	26.6
AMBX7182	404,549	8,472,799	661.91	22.60		0.00	22.60	22.60	959	564	218	23	21.9	14.5	31.6
AMBX7184	404,000	8,473,399	716.99	20.95		0.00	18.50	18.50	449	248	88	5	18.3	12.0	26.0
AMBX7185	404,175	8,473,399	690.23	23.05	No Sig. Ints.										
AMBX7186	403,799	8,472,839	693.19	17.35		0.00	17.35	17.35	813	441	161	12	19.7	11.1	27.0
AMBX7187	403,800	8,472,939	674.44	17.85		0.00	17.85	17.85	534	302	113	7	21.0	11.8	28.5
AMBX7190	402,603	8,473,148	739.43	21.10		0.00	16.50	16.50	625	380	162	12	25.9	14.6	35.1
AMBX7191	402,750	8,472,599	712.59	5.75	No Sig. Ints.										
AMBX7193	403,001	8,472,600	696.00	7.75		0.00	7.70	7.70	716	399	145	10	20.1	11.7	27.7
AMBX7194	403,000	8,472,449	658.36	9.65		0.00	9.60	9.60	496	273	99	6	19.9	10.9	26.8
AMBX7195	404,055	8,472,800	646.42	23.10		0.00	19.50	19.50	424	250	84	6	19.0	11.7	26.9
AMBX7196	404,400	8,473,374	680.90	14.40		0.00	14.40	14.40	575	344	130	12	23.5	15.7	34.1
AMBX7199	409,401	8,487,199	709.45	16.20		0.00	16.15	16.15	1,568	770	276	10	17.7	6.1	21.2
AMBX7200	410,007	8,478,796	477.92	15.35	No Sig. Ints.										
AMBX7202	410,000	8,478,984	534.40	16.00		3.50	13.00	9.50	368	240	72	7	19.2	16.4	31.1
AMBX7203	409,750	8,478,799	525.72	16.25	No Sig. Ints.										
AMBX7204	409,955	8,480,203	501.76	25.30		0.50	25.30	24.80	956	600	209	28	21.7	22.4	37.5
AMBX7205	408,599	8,480,397	500.45	18.40	No Sig. Ints.										
AMBX7206	408,809	8,480,148	523.09	19.50		0.00	19.00	19.00	642	338	127	8	19.2	9.7	25.3
AMBX7207	408,999	8,480,197	485.13	17.60		0.00	17.60	17.60	694	362	130	10	18.2	10.9	25.4
AMBX7208	409,057	8,480,012	562.43	22.40		10.50	22.40	11.90	1,210	718	279	20	20.6	16.8	32.3
AMBX7209	401,601	8,475,598	701.79	28.60	No Sig. Ints.										
AMBX7210	401,800	8,475,600	739.61	18.80	No Sig. Ints.										
AMBX9042	404,209	8,472,975	727.60	6.00	No Sig. Ints.										

APPENDIX E: Pelé Outcrop Locations

Location	Sample ID	Type	Tenement	East	North	Elev. (m)	CPS
R586	ALP400650	Rock	871144/2021	405934.4	8484719	658	60000
R588	ALP400652	Rock	870697/2021	406167.2	8485027.1	580	40546
R589	ALP400653	Rock	871144/2021	405570.8	8484331.6	794	65535
R590	ALP400654	Rock	871144/2021	405565.4	8484304.7	797	65535
R602	ALP400667	Rock	870698/2021	401540.1	8480937.3	814	Pending
R604	ALP400669	Rock	870698/2021	401451.8	8480799.2	766	Pending

APPENDIX F: JORC Table

Section 1: Sampling Techniques and Data

(Criteria in this section apply to all succeeding sections)

Criteria	JORC Code explanation	Commentary
<p><i>Sampling techniques</i></p>	<ul style="list-style-type: none"> <i>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.</i> <i>Include reference to measures taken to ensure sample representivity and the appropriate calibration of any measurement tools or systems used.</i> <i>Aspects of the determination of mineralisation that are Material to the Public Report.</i> <i>In cases where ‘industry standard’ work has been done this would be relatively simple (eg. ‘reverse circulation drilling was used to obtain 1m samples from which 3kg was pulverised to produce a 30g 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.</i> 	<p>The reported results are obtained from auger and sonic drilling.</p> <p>Sonic core holes were drilled using 2m run lengths. Drill core was collected directly from a core barrel and placed in pre-labelled core trays. Run interval depths were measured and recorded. Drill core was transported to the BRE’s exploration facility where it was measured for recovery, geologically logged, photographed, and marked up for sampling.</p> <p>Sonic drill core was cut with a knife, into two quarter core samples with one summited for assay and the other retained for archive. The remaining half core remained in the core tray for further testing. Cuts were made along a line drawn to ensure samples were not influenced by the distribution of mineralization within the drill core (i.e. the cut line bisected mineralized zones). The split for assay was placed in pre-numbered sample bags for shipment to the laboratory for ICPMS analysis.</p> <p>Auger samples were recovered directly from the auger bucket and placed onto a polypropene tarp, photographed, and geologically logged in the field. The samples were transported to the BRE’s exploration facility where they were sieved through a 10 mm by 10 mm screen. The oversized material was mechanically pulverized prior to being re-combined with the undersized material on a plastic tarp. The sample was homogenised by working the material back and forth on tarp and was then split into two portions: one for assay and another for archive. The split for assay was placed in pre-numbered sample bags for shipment to the laboratory for ICPMS analysis. The other portion was bagged and stored onsite in a secure warehouse as archive material. The collected sample interval lengths are 1 m with some variation depending on sample recovery and geological unit boundaries.</p> <p>Grab samples were collected from REE-Nb-Sc boulders/corestones, subcrop and outcrop using a rock hammer to obtain representative rock fragments with an average weight of 0.6kg. Rock fragments were placed in pre-numbered sample bags in the field and then transported to the Company’s exploration facility for shipment to the laboratory for ICPMS analysis.</p> <p>All drilling provided a continuous sample of mineralized zone. All mineralisation that is material to this report has been directly determined through quantitative laboratory analytical techniques that are detailed in the sections below.</p>

		<p>A panned concentrate was obtained from a regolith sample by obtaining a 0.4kg split, submerging in water and washing until the water runs clear. The material is manually agitated to remove lighter particles. Larger quartz grains are picked out, and iron rich minerals are removed using a magnet. The process resulted in a concentrate of approximately 40g, a mass reduction of 90%.</p>
<p><i>Drilling techniques</i></p>	<ul style="list-style-type: none"> • <i>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).</i> 	<p>Sonic drilling was conducted by BRE using a Royal Eijkelkamp CompactRotoSonic XL170 MAX DUO rig to drill vertical holes with an operational depth limit of 200m and utilized a 2m long single wall barrel to obtain 0.076m diameter core, or a 2m long double wall core barrel to obtain 0.068m diameter core. The sonic drill string is advanced until either rock or hard boulders/corestones are encountered, or operational limits are reached. Outer casing is used when the water table or poor recovery is encountered. Water is used as a drilling fluid as necessary and to aid in extruding material from the core barrel. The sonic drill rig has a maximum operational depth limit of 60m. The average sonic hole depth is 35m. Sonic core is not oriented.</p> <p>Auger drilling was conducted by BRE using a 0.05m diameter x 0.4m long clay soil auger bucket with 0.5m to 1m long rods rotated by a gasoline engine with hand-holds. The auger bucket was advanced by adding rods until either groundwater was reached (which degrades sample quality) or refusal due to rock or hard saprolite. Auger drilling has a maximum operational limit of 30 m deep. The average auger hole depth is 18m. All augur holes are drilled vertically.</p>
<p><i>Drill sample recovery</i></p>	<ul style="list-style-type: none"> • <i>Method of recording and assessing core and chip sample recoveries and results assessed.</i> • <i>Measures taken to maximise sample recovery and ensure representative nature of the samples.</i> • <i>Whether a relationship exists between sample recovery and grade and whether sample bias may have occurred due to preferential loss/gain of fine/coarse material.</i> 	<p>The sonic core was transported from the drill site to the logging facility in covered boxes with the utmost care. The recovered drill core was measured, and the length was divided by the interval drilled and expressed as a percentage. This recovery data was recorded in the database.</p> <p>Samples collected from auger drilling were checked by the technician at the rig to ensure they represented of the interval drilled. When fall-back was noted, fallen material was removed before sample collection. If poor recovery is encountered drill speed was decreased. If poor recovery at the beginning of a hole was persistent, the hole was redrilled at a nearby location. For sonic drilling, casing is used to minimize fall back.</p> <p>Recoveries for all core drilling are consistently good. There does not appear to be a relationship between sample recovery and grade or sample bias due to preferential loss or gain of fine or coarse material with these drilling and sampling methods.</p>
<p><i>Logging</i></p>	<ul style="list-style-type: none"> • <i>Whether core and chip samples have been geologically and geotechnically logged to a level of detail to support appropriate</i> 	<p>Data was collected in sufficient detail to support Mineral Resource estimation studies.</p>

	<p><i>Mineral Resource estimation, mining studies and metallurgical studies.</i></p> <ul style="list-style-type: none"> • <i>Whether logging is qualitative or quantitative in nature. Core (or costean, channel, etc) photography.</i> • <i>The total length and percentage of the relevant intersections logged.</i> 	<p>Drill core was logged at BRE's exploration facility by the logging geologist. Sonic core was photographed wet in core boxes immediately before sampling.</p> <p>Each auger drillhole interval was logged in the field by the onsite technician. Each auger sample was arranged on a plastic sheet to align with the likely in-situ position and was then photographed in its natural condition prior to transport to the exploration facility. Photos show auger hole number and drill run lengths.</p> <p>Logging included qualitative determinations of primary and secondary lithology units, weathering profile unit (mottled zone, lateritic zone, saprock, saprolite, etc.) as well as colour and textural characteristics of the rock. Quantitative measurement of structural and geophysical features were also measured.</p> <p>GPS coordinates as well as geological logging data for all drillholes were captured in a Microsoft Excel spreadsheet and uploaded to the project database in MXDeposit.</p> <p>All drill holes reported in this news release were logged entirely.</p>
<p><i>Sub-sampling techniques and sample preparation</i></p>	<ul style="list-style-type: none"> • <i>If core, whether cut or sawn and whether quarter, half or all core taken.</i> • <i>If non-core, whether riffled, tube sampled, rotary split, etc and whether sampled wet or dry.</i> • <i>For all sample types, the nature, quality, and appropriateness of the sample preparation technique.</i> • <i>Quality control procedures adopted for all sub-sampling stages to maximise representivity of samples.</i> • <i>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.</i> • <i>Whether sample sizes are appropriate to the grain size of the material being sampled.</i> 	<p>Core from sonic drilling was split to obtain quarter core sub-samples for assaying. Reported diamond core sample intervals were typically 1m in length with a minimum of 0.6m and a maximum of 1.6m. Interval lengths considered lithological boundaries (i.e. sample was to, and not across, major contacts). To avoid selection bias, the right of core was consistently sampled, and the bottom half retained in the core tray for archiving.</p> <p>Each auger sample was sieved through a 10mm by 5mm screen. The oversized material mechanically pulverized prior to being re-combined with the undersized material on a plastic tarp. The sample material was homogenized by working it back and forth on the tarp, and then split using the cone and quarter method to produce sub-samples for assaying and archiving. Auger samples were processed with natural moisture content. Otherwise, samples too wet for effective screening were air dried naturally prior to processing. To minimize cross contamination sampling tools, such as the plastic tarp, screen, and cutting tools were cleaned using compressed air between samples. Initially, archived pulp and coarse reject material obtained by the previous operator was submitted for analysis without sub sampling This methodology was later changed to include coarse reject material only with every fourth 0.5m sample collected starting at the bottom of the hole upward. Coarse reject material was submitted for analysis without sub-sampling.</p> <p>Field duplicates were completed at frequency 1:20 samples to evaluate the sample collection procedures to ensure representativeness and show good reproducibility. Duplicate analyses of coarse crush and pulp material were provided by SGS.</p> <p>Submitted samples of all types have appropriate mass to represent the material collected which includes mega-enclaves of monazite cumulate REE-Nb-Sc mineralization, microparticle to sand sized monazite grains, and ionic clay REE mineralisation.</p>

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 (i.e. lack of bias) and precision have been established.*

This report contains assay data derived from BRE exploration and from re-assaying of pulp samples obtained by the previous operator.

BRE Exploration:

Drill core, auger and grab samples collected by the Company were assayed by SGS Geosol in Vespasiano, Minas Gerais, Brazil, which is considered the Primary laboratory.

Samples were initially dried at 105 degrees Celsius for 24 hours. Samples were crushed to 75% passing the 3mm fraction and the weight was recorded. The sample was reduced on a rotary splitter and then 250g to 300g of the sample was pulverized to 95% passing 75 µm. Residues were stored for check analysis or further exploration purposes.

The assay technique used for REE was Lithium Borate Fusion ICP-MS (SGS Geosol code IMS95A). This is a total analysis of the REE. Elements analysed at ppm levels were as follows:

Ce	Co	Cs	Cu	Dy	Er	Eu	Ga
Gd	Hf	Ho	La	Lu	Mo	Nb	Nd
Ni	Pr	Rb	Sm	Sn	Ta	Tb	Th
Tl	Tm	U	W	Y	Yb		

Overlimit samples were analysed at percentage levels using SGS Geosol analysis code IMS95RS

The assay technique used for major oxides and components was Lithium Borate Fusion ICP-OES (SGS Geosol code ICP95A). This is a total analysis for the elements analysed % and ppm (Ba, V, Sr, Zn, Zr) levels as listed below:

Al ₂ O ₃	Ba	CaO	Cr ₂ O ₃
Fe ₂ O ₃	K ₂ O	MgO	MnO
Na ₂ O	P ₂ O ₅	SiO ₂	Sr
TiO ₂	V	Zn	Zr

Analysis for Scandium (Sc) was made by 4-Acid ICP-AES Analysis (SGS Geosol code ICM40-FR).

Re-assay Program:

Archived pulp and coarse reject samples obtained by the previous operator were submitted for preparation at ALS Belo Horizonte, Brazil and assayed by ALS Lima, Peru.

		<p>Samples were prepared in the same manner as at SGS with the exception that 250g to 300g of the sample was pulverized to 85% passing 75 µm. Residues were stored for check analysis or further exploration purposes.</p> <p>The assay technique used for REE was Lithium Borate Fusion ICP-MS (ALS code ME-MS81) with appropriate overlimit analyses. This is a total analysis of the REE. Elements analysed at ppm levels were as at SGS.</p> <p>At both laboratories, accuracy was monitored through submission of certified reference materials (CRMs) supplied by OREAS North America Inc. CRM materials (25a, 106, 147, 460 and 465) cover a range of REE grades encountered on the project. CRM 465 has an equivalent grade of approximately 10% TREO and supports reliable analysis of high grade REEE-Nb-Sc mineralization detailed in this report. CRM were inserted within batches of core, sonic and auger drill samples, and grab samples, at a frequency of 1:20 samples.</p> <p>CRMs were submitted as “blind” control samples not identifiable by the laboratory and were alternated to span the range of expected grades within a group of 100 samples.</p> <p>Contamination was monitored by insertion of blank samples of coarse quartz fragments. Blanks were inserted within batches of sonic and auger drill samples, and grab samples, at a frequency of 1:40 samples. Blanks pass through the entire sample preparation stream to test for cross contamination at each stage. No laboratory contamination or bias were noticed.</p> <p>Precision and sampling variance was monitored by the collection ‘Field duplicate’ samples, predominantly from mineralised intervals, at the rate of 1:20 samples. Half core was split into two ¼ core samples to make field duplicate pairs that are analysed sequentially.</p> <p>The adopted QA/QC protocols are acceptable for this stage of exploration. Examination of the QA/QC sample data indicates satisfactory performance of field sampling protocols and assay laboratory procedures. Levels of precision and accuracy are sufficient to allow disclosure of analysis results and their use for Mineral Resource estimation.</p>
<p>Verification of sampling and assaying</p>	<ul style="list-style-type: none"> • <i>The verification of significant intersections by either independent or alternative company personnel.</i> • <i>The use of twinned holes.</i> • <i>Documentation of primary data, data entry procedures, data verification, data storage (physical and electronic) protocols.</i> • <i>Discuss any adjustment to assay data.</i> 	<p>No independent verification of significant intersections was undertaken.</p> <p>Nineteen closely spaced twin holes were drilled using a sonic drill rig to verify the auger drilling and sampling methods. There does not appear to be a systematic bias associated with auger drill method. Mean assay values obtained by augering are not likely to be higher or lower than values obtained by sonic drilling.</p> <p>All assay results are checked by the company’s Principal Geologist. Logging for drillholes was directly uploaded to the project database hosed in the MXDeposit system. Assay data and certificates in digital format from the laboratory are directly uploaded to the project database.</p>

Rare earth oxide is the industry-accepted form for reporting rare earth elements. The following calculations are used for compiling REO into their reporting and evaluation groups:

Note that Y₂O₃ is included in the TREO, HREO and MREO calculations.

TREO (Total Rare Earth Oxide) = La₂O₃ + CeO₂ + Pr₆O₁₁ + Nd₂O₃ + Sm₂O₃ + Eu₂O₃ + Gd₂O₃ + Tb₄O₇ + Dy₂O₃ + Ho₂O₃ + Er₂O₃ + Tm₂O₃ + Yb₂O₃ + Y₂O₃ + Lu₂O₃

HREO (Heavy Rare Earth Oxide) = Sm₂O₃ + Eu₂O₃ + Gd₂O₃ + Tb₄O₇ + Dy₂O₃ + Ho₂O₃ + Er₂O₃ + Tm₂O₃ + Yb₂O₃ + Y₂O₃ + Lu₂O₃

MREO (Magnet Rare Earth Oxide) = Nd₂O₃ + Pr₆O₁₁ + Tb₄O₇ + Dy₂O₃ + Gd₂O₃ + Ho₂O₃ + Sm₂O₃ + Y₂O₃

LREO (Light Rare Earth Oxide) = La₂O₃ + CeO₂ + Pr₆O₁₁ + Nd₂O₃ .

NdPr = Nd₂O₃ + Pr₆O₁₁

NdPr % of TREO = Nd₂O₃ + Pr₆O₁₁/TREO x 100

HREO % of TREO = HREO/TREO x 100

Conversion of elemental analysis (REE) to stoichiometric oxide (REO) was undertaken by spreadsheet using defined conversion factors.

<i>Element</i>	<i>Factor</i>	<i>Oxide</i>
<i>La</i>	<i>1.1728</i>	<i>La₂O₃</i>
<i>Ce</i>	<i>1.2284</i>	<i>Ce₂O₃</i>
<i>Pr</i>	<i>1.2082</i>	<i>Pr₆O₁₁</i>
<i>Nd</i>	<i>1.1664</i>	<i>Nd₂O₃</i>
<i>Sm</i>	<i>1.1596</i>	<i>Sm₂O₃</i>
<i>Eu</i>	<i>1.1579</i>	<i>Eu₂O₃</i>
<i>Gd</i>	<i>1.1526</i>	<i>Gd₂O₃</i>
<i>Tb</i>	<i>1.1762</i>	<i>Tb₄O₇</i>
<i>Dy</i>	<i>1.1477</i>	<i>Dy₂O₃</i>
<i>Ho</i>	<i>1.1455</i>	<i>Ho₂O₃</i>
<i>Er</i>	<i>1.1435</i>	<i>Er₂O₃</i>
<i>Tm</i>	<i>1.1421</i>	<i>Tm₂O₃</i>
<i>Yb</i>	<i>1.1387</i>	<i>Yb₂O₃</i>
<i>Lu</i>	<i>1.1372</i>	<i>Lu₂O₃</i>

		<table border="1"> <tr> <td>Y</td> <td>1.2699</td> <td>Y₂O₃</td> </tr> </table>	Y	1.2699	Y ₂ O ₃
Y	1.2699	Y ₂ O ₃			
		<p>The process of converting elemental analysis of rare earth elements (REE) to stoichiometric oxide (REO) was carried out using predefined conversion factors on a spreadsheet. (Source: https://www.jcu.edu.au/advanced-analytical-centre/services-and-resources/resources-and-extras/element-to-stoichiometric-oxide-conversion-factors)</p>			
Location of data points	<ul style="list-style-type: none"> 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. 	<p>Sonic drill collars are located by a surveyor using RTK-GPS with centimetre scale accuracy. Auger drill hole collars and grab sample sites were located by a handheld GPS with accuracies <5m. Downhole surveys are not collected for sonic and auger drill holes which are vertical and less than 30m (auger) or 60m (sonic). Therefore, drill hole deviation will result in errors that are not material to the reliability of drillhole trace projections.</p> <p>The accuracy of projected exploration data locations is sufficient for this stage of exploration and to support mineral resource estimation studies.</p> <p>The grid datum used is SIRGAS 2000 UTM 24S. Topographic control is provided by a DEM obtained from SRTM data at a lateral resolution of 30m².</p>			
Data spacing and distribution	<ul style="list-style-type: none"> 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. 	<p>At all target areas laterally extensive REE enriched horizons are present in the regolith. These areas are tested by the Company using auger and sonic drilling at spacings ranging from approximately 80m to 400m in the north-south and east west directions. At Monte Alto, REE are predominantly hosted in the regolith by sand sized monazite grains distributed within a central high-grade zone. This zone is tested by auger and sonic drilling at 80 m grid spacings. For all regolith mineralisation styles, the drill spacing is sufficient to establish geology and grade continuity in accordance with Inferred classification criteria.</p> <p>Composite sample grades are calculated by generating length weighted averages of assay values.</p>			
Orientation of data in relation to geological structure	<ul style="list-style-type: none"> 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. 	<p>The distribution of REE in the regolith horizons is largely controlled by vertical changes within the profile. Vertical drill holes intersect these horizons perpendicularly and obtain representative samples that reflect the true width of horizontal mineralization. In regolith, auger and sonic drill hole orientations do not result in geometrically biased interval thickness.</p> <p>The distribution of mineralization in fresh rock at Monte Alto is controlled by steeply dipping to sub vertical mega-enclaves of monazite cumulate that strike northwest. The angled drill holes were designed and oriented with inclinations ranging from -55 to -75 degrees to intersect these bodies as perpendicular as possible within the limitations of the drill rig. Vertical SSD series holes tend to intersect mineralization at a highly oblique angle.</p> <p>Grab samples are collected from single location points on outcropping material, or boulders/corestones, and do not represent a continuous sample along any length of the mineralised system.</p>			

<p><i>Sample security</i></p>	<ul style="list-style-type: none"> <i>The measures taken to ensure sample security.</i> 	<p>After collection in the field, the auger and grab samples were placed in sealed plastic bags that were then placed into larger polyweave bags labelled with the sample IDs inside and transported to the Company's secure warehouse. Drill core samples were transported in their core boxes.</p> <p>A local courier transported the samples submitted for analysis to the laboratory. A copy of all waybills related to the sample forwarding was secured from the expeditor.</p> <p>An electronic copy of each submission was forwarded to the laboratory to inform them of the incoming sample shipment.</p> <p>Once the samples arrived at the laboratory, the Company was notified by the laboratory manager and any non-compliance is reported.</p> <p>The laboratory did not report any issues related to the samples received.</p>
<p><i>Audits or reviews</i></p>	<ul style="list-style-type: none"> <i>The results of any audits or reviews of sampling techniques and data.</i> 	<p>The Company engaged the services of Telemark Geosciences to review the sampling and analysis techniques used at the Project, and to establish a "Standard Operating Procedures" manual to guide exploration.</p> <p>CSA Global Associate Principal Consultant, Peter Siegfried has toured the Company's exploration sites and facilities and conducted reviews of sampling techniques and data. The Company has addressed recommendations and feedback provided by CSA Global.</p>

Section 2: Reporting of Exploration Results

Criteria	JORC Code explanation	Commentary
<p><i>Mineral tenement and land tenure status</i></p>	<ul style="list-style-type: none"> <i>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.</i> <i>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.</i> 	<p>The Project is 100% owned by, or to be acquired by, subsidiaries of Brazilian Rare Earths Limited (BRE), an Australian registered company.</p> <p>Located in the State of Bahia, Northeastern Brazil, the BRE Property consists of 120 granted exploration permits covering a land area of approximately 1,683 km². The Sulista Rare Earth Property comprises 11 (eleven) granted exploration permits covering a land area of approximately 108 km². Permits are registered at Brazil's National Mining Agency</p> <p>The Project also includes additional applications for over 2,592 km² of exploration licenses, four applications for mining permits and two disponibilidades, as well as an option (described in the prospectus as the Amargosa Option Agreement) to acquire three additional granted exploration permits.</p> <p>All exploration permits are held by the Company's Brazilian subsidiaries directly or are to be acquired through agreements with third parties as detailed in the BRE prospectus and in the Company's ASX Announcement "BRE Expands Control over Rocha da Rocha Rare Earth Province" dated January 22, 2024</p> <p>All mining permits in Brazil are subject to state and landowner royalties, pursuant to article 20, § 1, of the Constitution and article 11, "b", of the Mining Code. In Brazil, the Financial Compensation for the Exploration of Mineral Resources (Compensação Financeira por Exploração Mineral - CFEM) is a royalty to be paid to the Federal Government at rates that can vary from 1% up to 3.5%, depending on the substance. It is worth noting that CFEM rates for mining rare earth elements are 2%. CFEM shall be paid (i) on the first sale of the mineral product; or (ii) when there is mineralogical mischaracterization or in the industrialization of the substance, which is which is considered "consume" of the product by the holder of the mining tenement; or (iii) when the products are exported, whichever occurs first. The basis for calculating the CFEM will vary depending on the event that causes the payment of the royalty. The landowners' royalties could be subject of a transaction, however, if there's no agreement to access the land or the contract does not specify the royalties, article 11, §1, of the Mining Code sets forth that the royalties will correspond to half of the amounts paid as CFEM. The exploration tenement (870.685/2021) that host the Monte Alto project that is the subject of this report is subject to an additional 2.5% royalty agreement in favour of Brazil Royalty Corp. Participações e Investimentos Ltda (BRRCP).</p> <p>The portion of exploration tenement (870.685/2021) that hosts the Monte Alto Deposit that is the subject of this report measures 53.26 km² and is not known to within any environmentally designated areas. The remainder of the tenement, measuring 84.17 km²,</p>

		<p>falls within a State Nature Reserve (APA Caminhos Ecológicos da Boa Esperança), in which mining activities are allowed if authorized by the local environmental agency.</p> <p>The tenements are secure and in good standing with no known impediments to obtaining a licence to operate in the area.</p>
<p><i>Exploration done by other parties</i></p>	<ul style="list-style-type: none"> • <i>Acknowledgment and appraisal of exploration by other parties.</i> 	<p>On the BRE Property, no previous exploration programs conducted by other parties for REEs.</p> <p>Between 2007 and 2011 other parties conducted exploration that is detailed in the company's prospectus and included exploratory auger drilling. The previous operator collected auger drill samples using a comparable method to the Company but using 0.5 m intervals. Auger holes were 12 m deep on average with a maximum depth of approximately 30 m. Auger drilling was completed by the previous operator at 200 to 800m spacings in areas prospective for REE mineralization, decreasing to 100m in areas prospective for bauxite mineralization. The location of drill holes completed by the previous operator were surveyed by professional surveyors using high precision geodetic GNSS or electronic total station equipment with centimetric accuracy. Samples obtained by the previous operator have been stored in a secure facility. The drilling conducted by the previous operator has been appraised as suitable to support the findings in this report.</p> <p>On the Sulista Property, between 2013 and 2019 the project Vendors conducted exploration on the Licences that included drilling of approximately 5,000m of across 499 auger holes and approximately 1,000m of core holes. As of the effective date of this report, BRE is appraising the exploration data collected by the previous operator at the Sulista property.</p>
<p><i>Geology</i></p>	<ul style="list-style-type: none"> • <i>Deposit type, geological setting and style of mineralisation.</i> 	<p>The Company's tenements contain REE deposits interpreted as analogies to Ion Adsorption ionic Clay ("IAC") deposits, and regolith hosted deposits of monazite mineral grains, and primary in-situ REEE-Nb-Sc mineralisation.</p> <p>The Project is hosted by the Jequié Complex, a terrain of the north-eastern São Francisco Craton, that includes the Volta do Rio Plutonic Suite of high-K ferroan ("A-type") granitoids, subordinate mafic to intermediate rocks; and thorium rich monazitic granite gneiss with associated REE. The region is affected by intense NE-SW regional shearing which may be associated with a REE enriched hydrothermal system.</p> <p>Exploration completed by the Company has focused on the bedrock and regolith profile.</p> <p>Bedrock mineralization is characterized by steeply dipping to sub vertical mega-enclaves of REE-Nb-Sc monazite cumulate mineralization. Local bedrock controls to mineralisation, such as faults or dykes, are not well understood. The company has initiated mapping of the limited bedrock exposures at property and proposes to undertake deeper drilling to create a model of the local geological setting.</p> <p>The regolith mineralization is characterised by a REE enriched lateritic zone at surface underlain by a depleted mottled zone grading into a zone of REE-accumulation in the saprolite part of the profile.</p>

<p><i>Drill hole Information</i></p>	<ul style="list-style-type: none"> • A summary of all information material to the understanding of the exploration results including a tabulation of the following information for all Material drill holes: <ul style="list-style-type: none"> ○ 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 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. 	<p>The details related to all the auger drill holes presented in this Report are detailed in Appendix B and C.</p>
<p><i>Data aggregation methods</i></p>	<ul style="list-style-type: none"> • 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. 	<p>Downhole length weighted averaging is used to aggregate assay data from multiple samples within a reported intercept. No grade truncations or cut-off grades were applied. No metal equivalents values are used.</p>
<p><i>Relationship between mineralisation widths and intercept lengths</i></p>	<ul style="list-style-type: none"> • 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'). 	<p>In the weathered profile all intercepts reported are down hole lengths. The geometry of mineralisation is interpreted to be flat. The drilling is vertical and perpendicular to mineralisation. In the weathered profile down hole lengths correspond to true widths. Significant results in Appendix B and C are reported using both down hole values.</p>
<p><i>Diagrams</i></p>	<ul style="list-style-type: none"> • 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. 	<p>Diagrams, tables, and any graphic visualization are presented in the body of the report.</p>
<p><i>Balanced reporting</i></p>	<ul style="list-style-type: none"> • Where comprehensive reporting of all Exploration Results is not practicable, representative reporting of both low and high grades and/or widths should be practiced avoiding misleading reporting of Exploration Results. 	<p>The report presents all drilling results that are material to the project and are consistent with the JORC guidelines. Where data may have been excluded, it is considered not material.</p>
<p><i>Other substantive</i></p>	<ul style="list-style-type: none"> • 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 	<p>Detailed walking radiometer surveys have been completed on the target areas using a RS-230 Portable Gamma Spectrometer. In survey mode, the total Count of gamma particles Per Second (“CPS”) is recorded in real time.</p>

<p><i>exploration data</i></p>	<p><i>treatment; metallurgical test results; bulk density, groundwater, geotechnical and rock characteristics; potential deleterious or contaminating substances.</i></p>	<p>In survey mode, the total count of radioactive elements is recorded in real time. Readings are taken at waist height (approximately 1 m from the surface), the sensor can capture values in a radius of up to 1 m².</p> <p>High CPS occur in the presence of gamma releasing minerals. Throughout the Rocha da Rocha Critical Mineral Province, BRE has observed a positive correlation between CPS and thorium and REE bearing monazite. BRE has determined that gamma spectrometry is an effective method for determining the presence of REE mineralization that is material to this report</p>
<p><i>Further work</i></p>	<ul style="list-style-type: none"> • <i>The nature and scale of planned further work (eg. tests for lateral extensions or depth extensions or large-scale step-out drilling).</i> • <i>Diagrams clearly highlighting the areas of possible extensions, including the main geological interpretations and future drilling areas, provided this information is not commercially sensitive.</i> 	<p>To further develop the Monte Alto target and develop a hard-rock REE-Nb-Sc Mineral Resource, the Company will complete additional step-out and infill diamond core drilling to establish geological and grade continuity aiming for a drill spacing of 40 m x 40 m at the Monte Alto deposit.</p> <p>Elsewhere on the project BRE intends to test the Regolith Exploration Target (effective date of July 1, 2023) which is based on the results of BRE's previous drill programs and will be tested by ongoing infill and step out auger drilling in high priority areas.</p> <p>Upcoming works aim to validate the historic drilling and assess whether or not the project may become economically feasible including metallurgical recovery, process flowsheet and optimisation. Further resource definition through additional drilling and sampling, geological mapping, and regional exploration through additional land acquisition are also planned. No forecast is made of such matters.</p>