DRILLING CONFIRMS FURTHER RARE EARTH ELEMENT MINERALISATION AND INCREASED POTENTIAL AT EAST LAVERTON

Highlights:

- **Drilling results confirm that the broad REE mineralisation at the Pt Kidman prospect extends far beyond previously known zones.**
- **Higher grade drilling intersections include:**
  - **29m @ 1,667ppm TREO**
  - **29m @ 2,116ppm TREO**
  - **12m @ 2,564ppm TREO**
  - **11m @ 2,753ppm TREO**
  - **4m @ 3,400ppm TREO inc. 1m @ 8,752ppm TREO**
- **Mineralised envelopes with drill intercepts exceeding 1,000ppm TREO now identified over approximately 12km^2**
- **Mineralisation contains a significant proportion of valuable heavy, magnet and critical rare earth oxides over thick intervals up to 29m, including:**
  - **High value Nd+Pr oxides represent an average of 19.5% of TREO grade**
  - **High value magnet rare earth oxides represent an average 24.4% of TREO grade**
  - **Critical rare earth oxides (CREO) average 21.7% of TREO grade**
  - **Heavy rare earth oxides represent an average of 11.4% of TREO grade**
- **Drilling confirms continuity of clay-hosted mineralisation over large areas**
- **Large areas still remain untested and are interpreted to be prospective for similar mineralisation occurrences**
- **Preliminary metallurgical testwork and mineralisation characterisation to be undertaken**

MTM Critical Metals Limited (ASX:**MTM**) (**MTM** or the **Company**) has received assay results from a recent program of aircore drilling completed to test rare earth element (**REE**) anomalies at the Pt Kidman prospect, part of the East Laverton Project in the north Eastern Goldfields of Western Australia (Figure 1).

Results have greatly increased the known extent of shallow clay-hosted REE mineralisation and confirm that the mineralisation contains a significant proportion of valuable heavy, magnet and critical rare earth oxides.

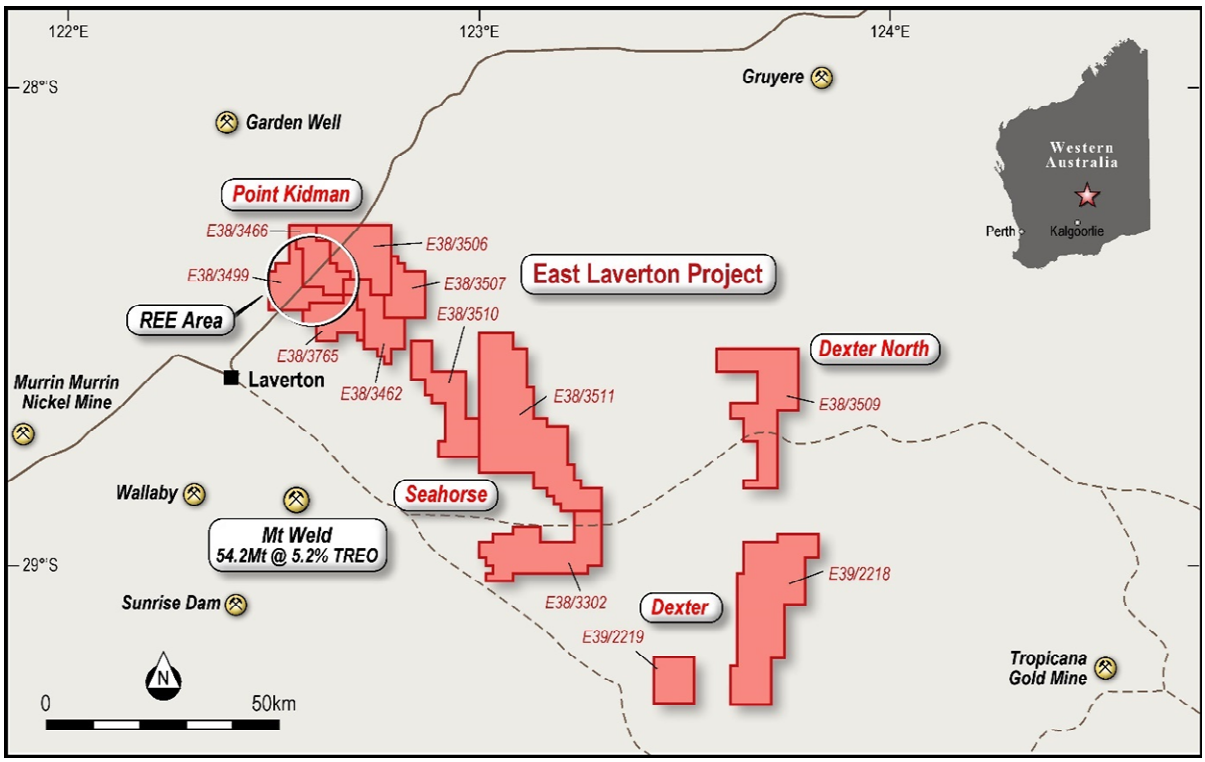

Figure 1: Location Map of Prospects at the East Laverton Project

The Company has previously reported assay results for drilling at Pt Kidman (*see MTM ASX announcement dated 18 August 2022 and 17 November 2022*) which highlighted broad zones of shallow, flat-laying clay-hosted REE mineralisation.

Regarding the latest results from the Pt Kidman prospect, Managing Director Lachlan Reynolds commented:

> *"These latest drilling results have greatly extended the known zone of clay-hosted rare earth element mineralisation in the northern part of the East Laverton project. The drilling intersections validate the positive soil geochemical anomalies we had already defined and confirm that we are dealing with a highly prospective area.*
>
> *As we had previously seen in aircore drilling, the rare earth elements occur in a very broad, shallow and continuous zone of shallow mineralisation, in some cases from surface. The presence of thick zones of higher-grade mineralisation, up to 30 metres, gives us great encouragement that the Pt Kidman prospect area has the potential to contain a resource with a significant proportion of high value NdPr and critical rare earth oxides.*
>
> *Our exploration team is keen to extend the soil sampling coverage within our tenements and we fully expect to define further areas for drill testing. We are also planning to complete preliminary metallurgical test work on the drilling samples to understand the nature and potential processing options for the mineralisation.*
>
> *More drilling is also required to home-in on the best parts of the system and our objective is to make a new rare earth deposit discovery."*

The Pt Kidman area has been confirmed as a large-scale, rare earth element opportunity at East Laverton. The current drilling program extends the known part of the prospective terrane and has shown significant continuity and grade within the mineralised zone within the regolith.

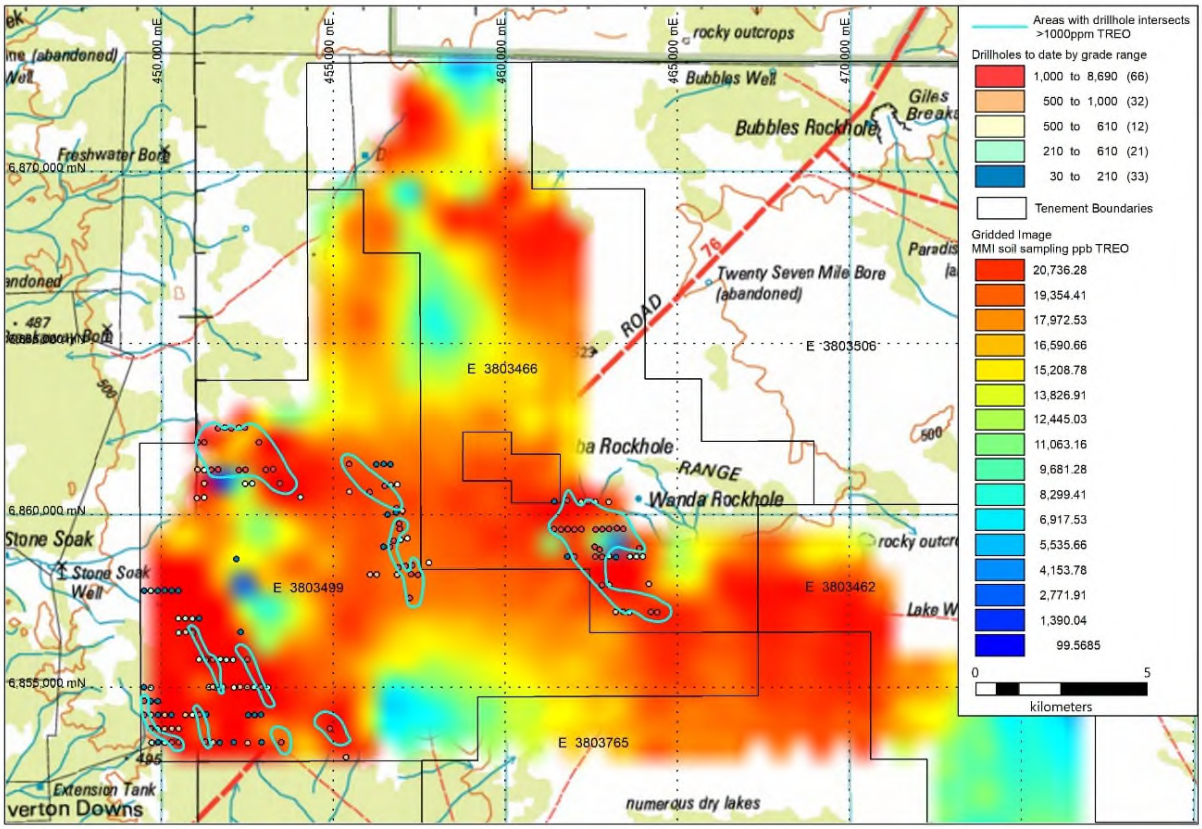

Figure 2: 2022/2023 REE exploration drillholes from the Pt Kidman Prospect showing polygons containing drilling >1000ppm TREO and a gridded image based on MMI geochemical data.

Aircore Drilling Program

A total of 174 aircore drill holes and 6 RC holes were completed at the point Kidman prospect (see hole details in Appendix I and diagram of collar locations in Figure 3). The drilling was designed to extend the zones of known REE mineralisation within the Pt Kidman area, approximately 30km northeast of Laverton (*see MTM ASX announcement dated 14 March 2023*).

Drilling successfully identified further broad zones of shallow REE mineralisation hosted by saprolitic clays above interpreted fertile basement granitoids and gneissic rocks.

New Assay Results

Assays received have returned significant TREO grades, within clay thickness intervals up to 29m using a 1000ppm TREO cut-off grade (Table 1). At a lower cut off grade of 300ppm TREO (see Appendix II) the drilling has defined multiple broad zones of REE mineralisation that show good continuity (see cross sections shown on Figures 4 to 6).

Overall, Magnet Rare Earth Oxides (MREO) make up an average of 24.4% of TREO, with Critical Rare Earth Oxides (CREO) averaging 21.7%, Heavy Rare Earth Oxides (HREO) averaging 11.4% and Neodymium-Praseodymium oxide (NdPr) averaging 19.5% of TREO.

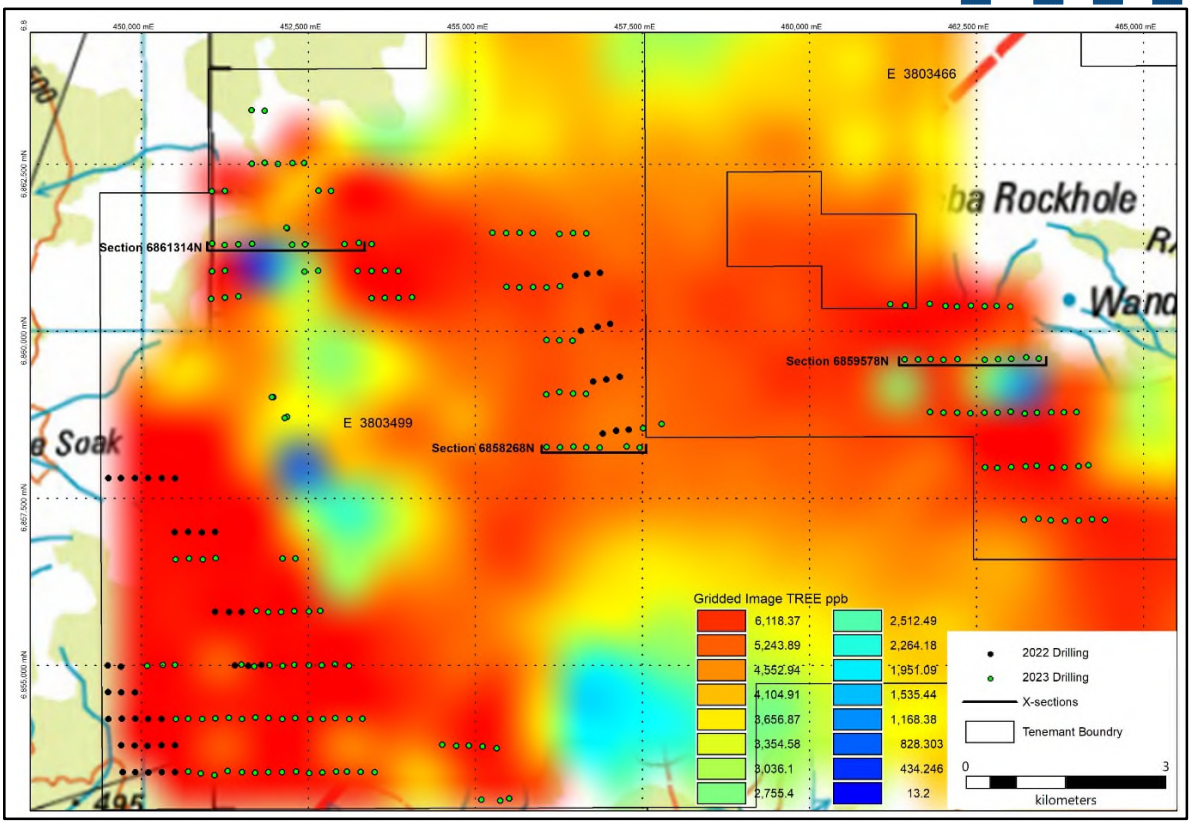

Figure 3: Pt Kidman drill hole locations and section lines (refer Figures 4 to 6 below).

Table 1: Selected significant REE intersections from the East Laverton AC drilling program.

Hole ID	From (m)	To (m)	Interval (m)	TREO (ppm)	HREO (%)	MREO (%)	CREO (%)	Nd+Pr (%)
23ELAC043	13	19	6	1,424	9.4	28.0	23.1	23.3
23ELAC057	22	27	5	1,168	8.8	28.8	22.9	24.1
23ELAC059	17	24	7	1,623	6.9	26.6	20.9	22.8
23ELAC060	22	26	4	3,400	7.4	22.7	18.4	18.9
	24	25	1	8,752	6.3	22.0	17.2	18.4
23ELAC127	35	41	6	1,368	11.3	25.9	22.5	20.7
23ELAC134	16	26	10	1,507	7.1	22.7	18.5	19.4
23ELAC137	11	40	29	1,667	6.3	24.1	18.8	20.8
23ELAC138	5	12	7	2,756	6.3	25.2	19.6	21.8
23ELAC140	1	13	12	2,564	5.7	22.1	17.4	19.2
23ELAC141	16	27	11	2,753	6.4	22.3	18.0	19.2
23ELAC142	4	9	5	1,388	5.4	21.2	16.6	18.4
23ELAC145	0	29	29	2,116	4.9	20.8	16.1	18.1
23ELAC146	1	9	8	1,483	6.3	22.5	18.1	19.4
23ELAC174	35	39	4	1,515	7.4	25.4	20.2	21.6
	53	60	7	1,173	7.5	20.5	17.4	17.4

Downhole intervals shown, interpreted to be approximately true widths. Appropriate rounding of grade values has been applied. Significant intersections are based on a 1,000ppm TREO cut-off grade with no internal dilution.

TREO (Total Rare Earth Oxide) grade includes CeO_2, Dy_2O_3, Er_2O_3, Eu_2O_3, Gd_2O_3, Ho_2O_3, La_2O_3, Lu_2O_3, Nd_2O_3, Pr_2O_3, Sm_2O_3, Tb_2O_3, Tm_2O_3, Yb_2O_3 and Y_2O_3 and is calculated using standard oxide conversion factors for each element (see Appendix V).

HREO (Heavy Rare Earth Oxide) grade includes Eu_2O_3, Gd_2O_3, Tb_2O_3, Dy_2O_3, Ho_2O_3, Er_2O_3, Tm_2O_3, Yb_2O_3, Lu_2O_3 and Y_2O_3. Shown as percentage of TREO.

MREO (Magnet Rare Earth Oxide) grade includes Nd_2O_3, Pr_2O_3, Sm_2O_3, Gd_2O_3, Tb_2O_3, Dy_2O_3, and Ho_2O_3. Shown as percentage of TREO.

CREO (Critical Rare Earth Oxide) grade includes Nd_2O_3, Eu_2O_3, Tb_2O_3, Dy_2O_3 and Y_2O_3. Shown as percentage of TREO.

Nd+Pr (Neodymium-Praseodymium or NdPr) includes Nd_2O_3 and Pr_2O_3. Shown as percentage of TREO.

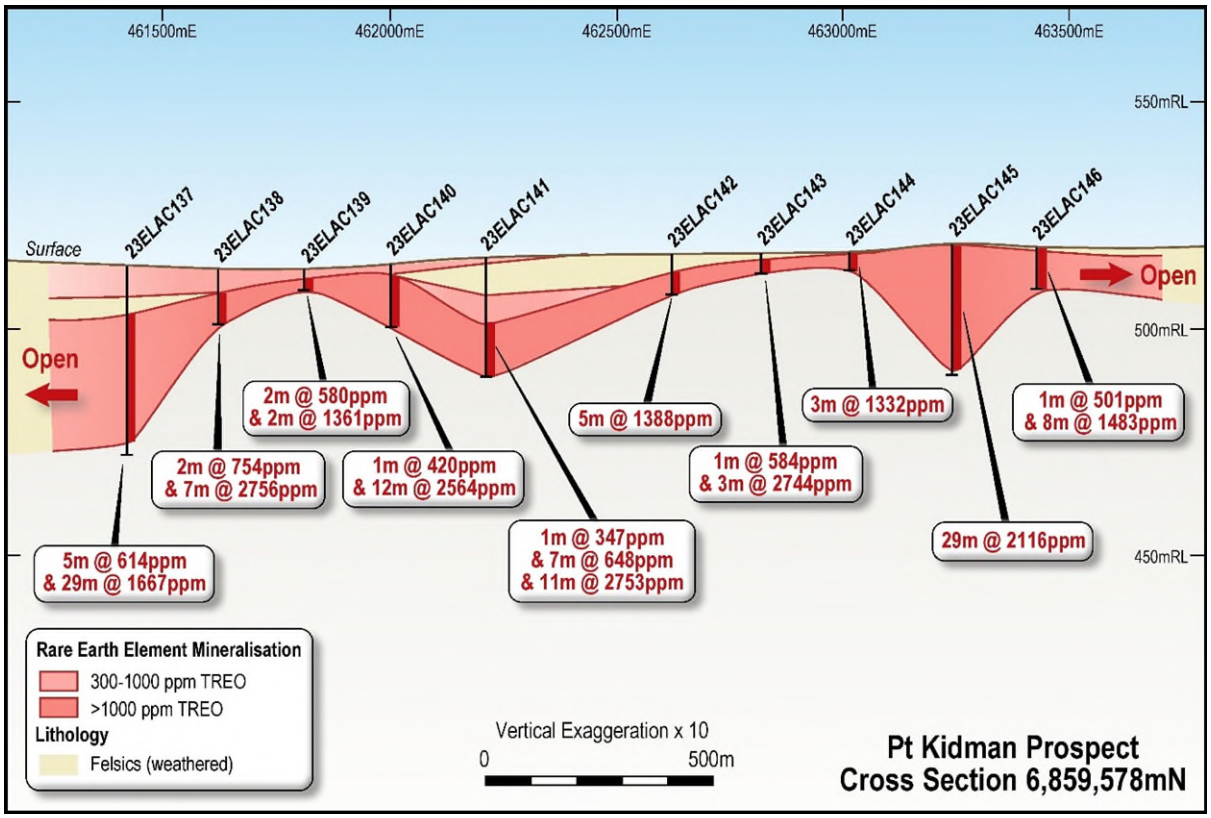

Figure 4: Cross section diagram on 6,859,578mN showing aircore drilling, interpreted geology and REE mineralisation.

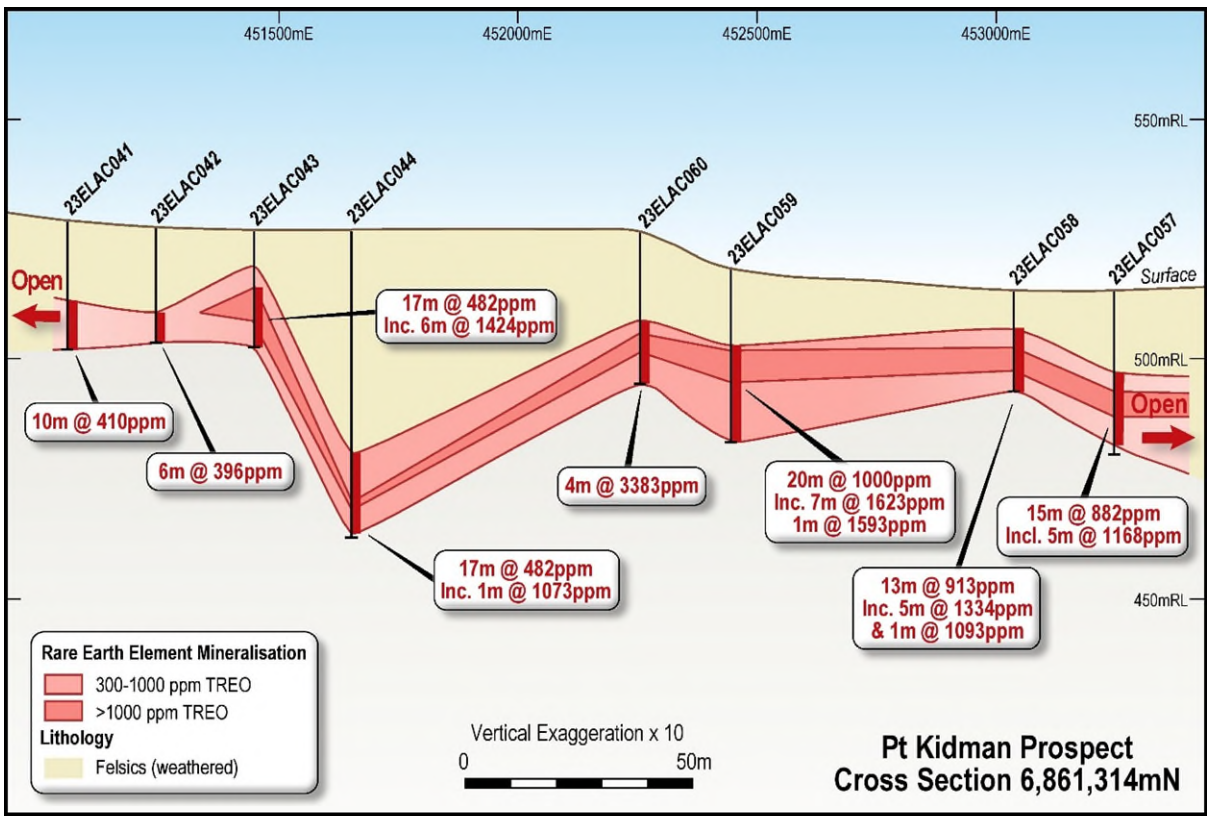

Figure 5: Cross section diagram on 6,861314mN showing aircore drilling, interpreted geology and REE mineralisation.

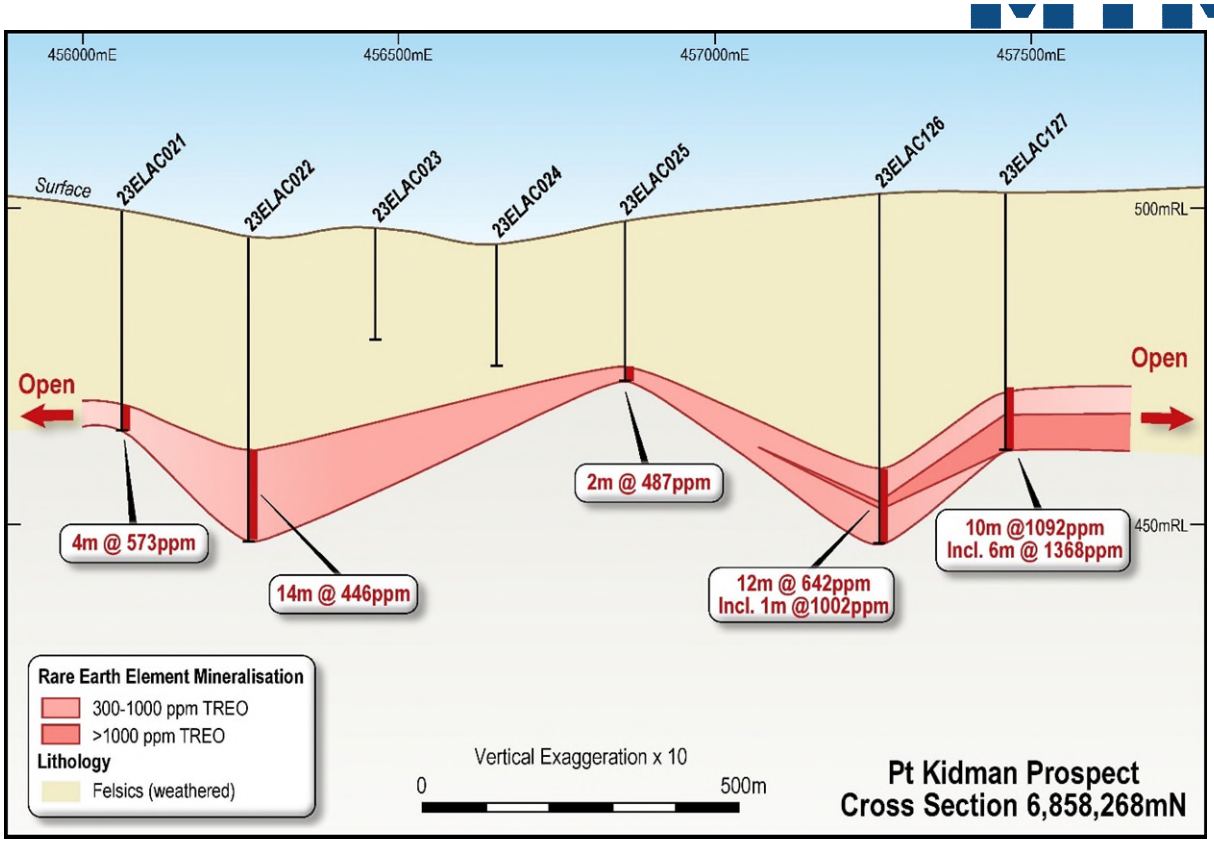

Figure 6: Cross section diagram on 6,858,268mN showing aircore drilling, interpreted geology and REE mineralisation.

Further Work

The Company is planning to undertake a program of mineralogical characterisation and metallurgical test work to evaluate representative mineralised zones from the recent drilling campaign.

Further soil sampling will be implemented to evaluate the areas to the east and south of the current geochemical survey area at Pt Kidman. Based on the observed geology of the area, further REE anomalies are expected to be defined. Subject to obtaining statutory approvals and heritage clearances from the local Native Title holders, additional drilling will be undertaken to test any new geochemical anomalies that are identified.

Consideration will also be given to a program of infill drilling in several high priority areas identified by drilling to-date, where there is the potential to define a coherent mineral resource.

This announcement has been authorised for release by the Board of Directors.

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About MTM Critical Metals Limited

MTM Critical Metals Limited is an exploration company which is focused on searching for rare earth elements (REE), gold, lithium, nickel, and base metals in the Goldfields and Ravensthorpe districts of Western Australia and in the Abitibi region of the Province of Québec. The Company holds over 4,500km^2 of tenements in three prolific and highly prospective mineral regions in Western Australia and has an option to acquire, through an earn-in arrangement, a 100% interest in 2,400 ha of exploration rights in Québec, Canada. The East Laverton Projects is made up of a regionally extensive package of underexplored tenements prospective for REE, gold and base metals. The Mt Monger Gold Project comprises an area containing known gold deposits and occurrences in the Mt Monger area, located ~70km SE of Kalgoorlie and immediately adjacent to the Randalls gold mill operated by Silver Lake Resources Limited. The Ravensthorpe Project contains a package of tenements in the southern part of Western Australia between Esperance and Bremer Bay which are prospective for a range of minerals including REE, lithium, nickel and graphite. The Pomme project in Québec is a known carbonatite intrusion that is enriched in REE and niobium and is considered to be an extremely prospective exploration target adjacent to a world class REE resource (Montviel deposit). Priority drilling targets have been identified in all project areas and the Company is well funded to undertake effective exploration programs. The Company has an experienced Board and management team which is focused on discovery to increase value for Shareholders.

Competent Person's Statement

The information in this announcement that relates to Exploration Results is based on and fairly represents information compiled by Mr Lachlan Reynolds. Mr Reynolds is the Managing Director of Mt Monger Resources Limited and is a member of both the Australasian Institute of Mining and Metallurgy and the Australasian Institute of Geoscientists. Mr Reynolds has sufficient experience of relevance to the styles of mineralisation and types of deposits under consideration, and to the activities undertaken, to qualify as a Competent Person as defined in the 2012 Edition of the Joint Ore Reserves Committee (JORC) Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves. Mr Reynolds consents to the inclusion in this announcement of the matters based on information in the form and context in which they appear.

Previous Disclosure

The information in this announcement is based on the following MTM Critical Metals Limited (formerly Mt Monger Resources Limited) ASX announcements, which are all available from the MTM Critical Metals Limited website www.mtmcriticalmetals.com.au and the ASX website www.asx.com.au.

- 19 August 2022, "Aircore Drilling Confirms Widespread REE Mineralisation at East Laverton"
- 18 August 2022, "East Laverton Tevel Aircore Drilling Results"
- 17 November 2022, "East Laverton Drilling Results Update"
- 14 March 2023, "Drilling Program Completed at East Laverton REE, Nickel and Gold Targets"

The Company confirms that it is not aware of any new information or data that materially affects the information included in the original ASX announcements and that all material assumptions and technical parameters underpinning the relevant ASX announcements continue to apply and have not materially changed. The Company confirms that the form and context in which the Competent Person's findings are represented have not been materially modified from the original ASX announcements.

Cautionary Statement Regarding Values & Forward-Looking Information

The figures, valuations, forecasts, estimates, opinions and projections contained herein involve elements of subjective judgment and analysis and assumption. MTM Critical Metals does not accept any liability in relation to any such matters, or to inform the Recipient of any matter arising or coming to the company's notice after the date of this document which may affect any matter referred to herein. Any opinions expressed in this material are subject to change without notice, including as a result of using different assumptions and criteria. This document may contain forward-looking statements. Forward-looking statements are often, but not always, identified by the use of words such as "seek", "anticipate", "believe", "plan", "expect", and "intend" and statements than an event or result "may", "will", "should", "could", or "might" occur or be achieved and other similar expressions. Forward-looking information is subject to business, legal and economic risks and uncertainties and other factors that could cause actual results to differ materially from those contained in forward-looking statements. Such factors include, among other things, risks relating to property interests, the global economic climate, commodity prices, sovereign and legal risks, and environmental risks. Forward-looking statements are based upon estimates and opinions at the date the statements are made. MTM Critical Metals undertakes no obligation to update these forward-looking statements for events or circumstances that occur subsequent to such dates or to update or keep current any of the information contained herein. The Recipient should not place undue reliance upon forward-looking statements. Any estimates or projections as to events that may occur in the future (including projections of revenue, expense, net income and performance) are based upon the best judgment of MTM Critical Metals from information available as of the date of this document. There is no guarantee that any of these estimates or projections will be achieved. Actual results will vary from the projections and such variations may be material. Nothing contained herein is, or shall be relied upon as, a promise or representation as to the past or future. MTM Critical Metals, its affiliates, directors, employees and/or agents expressly disclaim any and all liability relating or resulting from the use of all or any part of this document or any of the information contained herein.

APPENDIX I – Point Kidman Drilling Summary

Hole ID	Type	North MGA	East MGA	RL (m)	Depth (m)	Dip (º)	Azimuth (º)
23ELAC001	AC	6861466	456657	515	25	-90	000
23ELAC002	AC	6861474	456462	516	12	-90	000
23ELAC003	AC	6861460	456254	518	18	-90	000
23ELAC004	AC	6861460	456254	517	18	-90	000
23ELAC005	AC	6861471	455858	523	20	-90	000
23ELAC006	AC	6861476	455660	518	37	-90	000
23ELAC007	AC	6861470	455457	511	58	-90	000
23ELAC008	AC	6861477	455252	514	18	-90	000
23ELAC009	AC	6860669	455464	506	46	-90	000
23ELAC010	AC	6860656	455655	507	38	-90	000
23ELAC011	AC	6860660	455860	513	21	-90	000
23ELAC012	AC	6860657	456062	518	45	-90	000
23ELAC013	AC	6860676	456266	516	15	-90	000
23ELAC014	AC	6859871	456064	508	20	-90	000
23ELAC015	AC	6859866	456257	503	15	-90	000
23ELAC016	AC	6859860	456452	513	24	-90	000
23ELAC017	AC	6859057	456057	508	18	-90	000
23ELAC018	AC	6859092	456253	503	14	-90	000
23ELAC019	AC	6859071	456460	498	18	-90	000
23ELAC020	AC	6859067	456653	501	27	-90	000
23ELAC021	AC	6858268	456064	500	35	-90	000
23ELAC022	AC	6858263	456263	495	48	-90	000
23ELAC023	AC	6858272	456464	497	18	-90	000
23ELAC024	AC	6858266	456656	494	19	-90	000
23ELAC025	AC	6858259	456857	498	25	-90	000
23ELAC026	AC	6860497	453444	516	10	-90	000
23ELAC027	AC	6860500	453640	521	10	-90	000
23ELAC028	AC	6860502	453847	515	6	-90	000
23ELAC029	AC	6860508	454048	513	24	-90	000
23ELAC030	AC	6860905	453844	511	16	-90	000
23ELAC031	AC	6860908	453645	516	13	-90	000
23ELAC032	AC	6860903	453444	516	30	-90	000
23ELAC033	AC	6860902	453236	512	12	-90	000
23ELAC034	AC	6860910	452642	512	15	-90	000
23ELAC035	AC	6860897	452440	520	14	-90	000
23ELAC036	AC	6860522	451449	532	23	-90	000
23ELAC037	AC	6860504	451247	529	28	-90	000
23ELAC038	AC	6860487	451041	536	39	-90	000
23ELAC039	AC	6860899	451057	528	15	-90	000
23ELAC040	AC	6860909	451246	525	27	-90	000
23ELAC041	AC	6861314	451057	529	27	-90	000
23ELAC042	AC	6861295	451245	527	24	-90	000
23ELAC043	AC	6861303	451448	527	24	-90	000
23ELAC044	AC	6861309	451654	527	64	-90	000
23ELAC045	AC	6862098	451052	529	7	-90	000
23ELAC046	AC	6862101	451246	524	9	-90	000
23ELAC047	AC	6862508	451650	531	36	-90	000
23ELAC048	AC	6862522	451846	530	24	-90	000

Hole ID	Type	North MGA	East MGA	RL (m)	Depth (m)	Dip (º)	Azimuth (º)
23ELAC049	AC	6862505	452038	531	33	-90	000
23ELAC050	AC	6862518	452257	532	19	-90	000
23ELAC051	AC	6862521	452435	522	17	-90	000
23ELAC052	AC	6862102	452836	517	21	-90	000
23ELAC053	AC	6862107	452648	516	13	-90	000
23ELAC054	AC	6863312	451649	529	9	-90	000
23ELAC055	AC	6863303	451844	529	8	-90	000
23ELAC056	AC	6861306	453445	515	31	-90	000
23ELAC057	AC	6861323	453251	514	34	-90	000
23ELAC058	AC	6861304	453039	514	21	-90	000
23ELAC059	AC	6861300	452446	518	36	-90	000
23ELAC060	AC	6861298	452257	527	32	-90	000
23ELAC061	AC	6856600	452306	515	37	-90	000
23ELAC062	AC	6856597	452111	521	51	-90	000
23ELAC063	AC	6856602	451110	520	23	-90	000
23ELAC064	AC	6856586	450916	522	27	-90	000
23ELAC065	AC	6856601	450711	532	36	-90	000
23ELAC066	AC	6856584	450511	517	8	-90	000
23ELAC067	AC	6855815	452676	505	48	-90	000
23ELAC068	AC	6855808	452506	508	52	-90	000
23ELAC069	AC	6855813	452286	510	51	-90	000
23ELAC070	AC	6855797	452088	504	63	-90	000
23ELAC071	AC	6855799	451896	511	55	-90	000
23ELAC072	AC	6855815	451716	521	47	-90	000
23ELAC073	AC	6855010	451496	513	52	-90	000
23ELAC074	AC	6854983	451688	514	30	-90	000
23ELAC075	AC	6855001	451914	506	47	-90	000
23ELAC076	AC	6854993	452112	504	48	-90	000
23ELAC077	AC	6855007	452287	505	37	-90	000
23ELAC078	AC	6855000	452504	504	42	-90	000
23ELAC079	AC	6855002	452699	503	38	-90	000
23ELAC080	AC	6855014	452896	504	43	-90	000
23ELAC081	AC	6854995	453104	501	55	-90	000
23ELAC082	AC	6854200	453305	508	58	-90	000
23ELAC083	AC	6854199	453110	500	67	-90	000
23ELAC084	AC	6854209	452901	501	61	-90	000
23ELAC085	AC	6854196	452715	500	61	-90	000
23ELAC086	AC	6854197	452525	500	65	-90	000
23ELAC087	AC	6854211	452300	502	54	-90	000
23ELAC088	AC	6854199	452106	505	67	-90	000
23ELAC089	AC	6854209	451902	503	54	-90	000
23ELAC090	AC	6854219	451706	500	64	-90	000
23ELAC091	AC	6854196	451503	504	55	-90	000
23ELAC092	AC	6854217	451308	503	45	-90	000
23ELAC093	AC	6854204	451104	503	57	-90	000
23ELAC094	AC	6854196	450907	506	61	-90	000
23ELAC095	AC	6854200	450698	506	39	-90	000
23ELAC096	AC	6854195	450516	509	27	-90	000
23ELAC097	AC	6855005	450503	515	21	-90	000
23ELAC098	AC	6855008	450316	520	23	-90	000

Hole ID	Type	North MGA	East MGA	RL (m)	Depth (m)	Dip (º)	Azimuth (º)
23ELAC099	AC	6854993	450085	519	25	-90	000
23ELAC100	AC	6853408	450699	511	33	-90	000
23ELAC101	AC	6853383	450884	506	40	-90	000
23ELAC102	AC	6853356	451094	505	47	-90	000
23ELAC103	AC	6853419	451288	506	41	-90	000
23ELAC104	AC	6853401	451503	507	45	-90	000
23ELAC105	AC	6853393	451702	505	45	-90	000
23ELAC106	AC	6853402	451899	507	48	-90	000
23ELAC107	AC	6853401	452102	507	45	-90	000
23ELAC108	AC	6853409	452314	507	51	-90	000
23ELAC109	AC	6853388	452508	512	59	-90	000
23ELAC110	AC	6853396	452707	510	54	-90	000
23ELAC111	AC	6853408	452914	506	50	-90	000
23ELAC112	AC	6853411	453074	509	46	-90	000
23ELAC113	AC	6853406	453280	503	46	-90	000
23ELAC114	AC	6853403	453491	509	51	-90	000
23ELAC115	AC	6852989	455088	512	35	-90	000
23ELAC116	AC	6852975	455369	518	32	-90	000
23ELAC117	AC	6853006	455501	514	36	-90	000
23ELAC118	AC	6853757	455316	511	53	-90	000
23ELAC119	AC	6853785	455103	507	45	-90	000
23ELAC120	AC	6853799	454899	507	26	-90	000
23ELAC121	AC	6853794	454710	505	22	-90	000
23ELAC122	AC	6853813	454503	507	13	-90	000
23ELAC123	AC	6858513	457104	505	29	-90	000
23ELAC124	AC	6858549	457507	505	12	-90	000
23ELAC125	AC	6858611	457784	517	13	-90	000
23ELAC126	AC	6858277	457261	503	57	-90	000
23ELAC127	AC	6858258	457461	503	43	-90	000
23ELAC128	AC	6860370	463008	528	15	-90	000
23ELAC129	AC	6860380	462803	532	6	-90	000
23ELAC130	AC	6860374	462622	529	9	-90	000
23ELAC131	AC	6860385	462415	530	18	-90	000
23ELAC132	AC	6860373	462205	526	24	-90	000
23ELAC133	AC	6860380	462034	524	3	-90	000
23ELAC134	AC	6860412	461801	525	26	-90	000
23ELAC135	AC	6860388	461430	524	9	-90	000
23ELAC136	AC	6860407	461209	526	7	-90	000
23ELAC137	AC	6859578	461421	514	42	-90	000
23ELAC138	AC	6859578	461624	513	12	-90	000
23ELAC139	AC	6859584	461812	513	4	-90	000
23ELAC140	AC	6859577	462005	514	13	-90	000
23ELAC141	AC	6859583	462214	516	27	-90	000
23ELAC142	AC	6859576	462623	517	9	-90	000
23ELAC143	AC	6859584	462822	517	4	-90	000
23ELAC144	AC	6859588	463019	517	3	-90	000
23ELAC145	AC	6859612	463245	519	29	-90	000
23ELAC146	AC	6859594	463432	518	9	-90	000
23ELAC147	AC	6858793	463996	508	1	-90	000
23ELAC148	AC	6858787	463806	506	1	-90	000

Hole ID	Type	North MGA	East MGA	RL (m)	Depth (m)	Dip (º)	Azimuth (º)
23ELAC149	AC	6858786	463621	508	1	-90	000
23ELAC150	AC	6858785	463406	511	27	-90	000
23ELAC151	AC	6858769	463219	510	14	-90	000
23ELAC152	AC	6858798	463012	514	15	-90	000
23ELAC153	AC	6858792	461802	513	5	-90	000
23ELAC154	AC	6858785	462006	514	27	-90	000
23ELAC155	AC	6858782	462209	512	24	-90	000
23ELAC156	AC	6858772	462409	511	8	-90	000
23ELAC157	AC	6858785	462618	517	45	-90	000
23ELAC158	AC	6858783	462813	508	30	-90	000
23ELAC159	AC	6857965	462628	504	64	-90	000
23ELAC160	AC	6857957	462810	503	68	-90	000
23ELAC161	AC	6857969	463020	505	65	-90	000
23ELAC162	AC	6857978	463235	507	26	-90	000
23ELAC163	AC	6857988	463402	502	9	-90	000
23ELAC164	AC	6857958	463629	502	6	-90	000
23ELAC165	AC	6857966	463818	503	6	-90	000
23ELAC166	AC	6857981	464025	503	7	-90	000
23ELAC167	AC	6857994	464173	500	16	-90	000
23ELAC168	AC	6857183	463210	505	36	-90	000
23ELAC169	AC	6857194	463429	499	44	-90	000
23ELAC170	AC	6857172	463609	498	74	-90	000
23ELAC171	AC	6857162	463824	496	84	-90	000
23ELAC172	AC	6857166	464030	502	76	-90	000
23ELAC173	AC	6857185	464230	505	60	-90	000
23ELAC174	AC	6857177	464422	501	60	-90	000
23ELRC001	RC	6858721	452180	538	49	-60	60
23ELRC002	RC	6858701	452145	535	70	-60	60
23ELRC003	RC	6861542	452177	522	21	-60	332
23ELRC004	RC	6861552	452170	524	24	-60	343
23ELRC005	RC	6859016	451975	538	39	-60	120
23ELRC006	RC	6859014	451950	539	84	-60	120

APPENDIX II – Significant Intersection Summary >300ppm TREO

Hole ID	From (m)	To (m)	Interval (m)	TREO (ppm)	HREO (ppm)	MREO (ppm)	CREO (ppm)	NdPr REO (ppm)	Sc_2O_3 (ppm)
23ELAC007	38	45	7	416	37	96	80	78	6
	49	54	5	532	72	145	134	116	8
incl.	**50**	**51**	**1**	**1161**	**151**	**356**	**307**	**284**	**9**
23ELAC009	42	46	4	582	42	124	100	104	9
23ELAC012	22	45	23	809	65	189	155	159	7
incl.	**24**	**26**	**2**	**1229**	**84**	**253**	**204**	**213**	**11**
incl.	**30**	**32**	**2**	**1554**	**107**	**349**	**275**	**294**	**11**
23ELAC020	16	27	11	692	64	177	144	144	15
incl.	**22**	**27**	**5**	**1000**	**89**	**252**	**207**	**207**	**9**
23ELAC021	31	35	4	573	33	112	88	95	5
23ELAC022	34	48	14	446	33	92	76	77	4
23ELAC025	23	25	2	487	48	162	129	138	12
23ELAC032	24	30	6	778	68	202	164	169	5
incl.	**25**	**26**	**1**	**1373**	**108**	**378**	**294**	**320**	**6**
23ELAC034	14	15	1	448	35	86	71	69	14
23ELAC035	13	14	1	519	34	107	85	89	6
23ELAC036	20	23	3	456	43	108	90	88	4
23ELAC037	22	28	6	328	26	72	60	60	5
23ELAC038	17	39	22	551	43	132	107	110	5
23ELAC040	21	22	1	811	65	167	136	136	3
	25	27	2	337	29	82	67	67	4
23ELAC041	17	27	10	410	33	92	76	76	4
23ELAC042	18	24	6	396	30	91	73	76	4
23ELAC043	7	24	17	792	68	202	166	169	7
incl.	**13**	**19**	**6**	**1424**	**134**	**399**	**329**	**331**	**7**
23ELAC044	47	64	17	482	57	116	106	94	5
incl.	**58**	**59**	**1**	**1073**	**120**	**281**	**244**	**229**	**5**
23ELAC045	0	7	7	737	91	208	184	168	10
incl.	**5**	**7**	**2**	**1202**	**161**	**357**	**320**	**287**	**12**
23ELAC046	0	9	9	676	88	183	166	146	6
incl.	6	8	2	1284	170	378	335	304	5
23ELAC047	4	28	24	660	80	182	158	145	6
incl.	**10**	**11**	**1**	**1364**	**164**	**372**	**321**	**293**	**8**
incl.	**14**	**15**	**1**	**1212**	**184**	**362**	**328**	**282**	**10**
incl.	**20**	**21**	**1**	**1071**	**139**	**341**	**288**	**273**	**5**
23ELAC048	18	24	6	339	29	70	60	58	3
23ELAC049	21	33	12	489	38	114	91	95	4
incl.	**30**	**31**	**1**	**1055**	**93**	**291**	**228**	**241**	**3**
23ELAC050	11	19	8	562	43	125	105	106	5
23ELAC051	11	17	6	674	64	174	146	144	3
incl.	**15**	**16**	**1**	**1144**	**119**	**369**	**303**	**311**	**2**
23ELAC052	16	21	5	1303	86	310	248	267	3
incl.	**18**	**21**	**3**	**1750**	**112**	**440**	**346**	**381**	**3**
23ELAC057	18	33	15	882	82	242	198	202	12
incl.	**22**	**27**	**5**	**1168**	**103**	**336**	**268**	**282**	**15**
23ELAC058	8	21	13	913	100	281	237	234	10
incl.	**12**	**17**	**5**	**1334**	**133**	**424**	**346**	**356**	**12**

Hole ID	From (m)	To (m)	Interval (m)	TREO (ppm)	HREO (ppm)	MREO (ppm)	CREO (ppm)	NdPr REO (ppm)	Sc_2O_3 (ppm)
incl.	**20**	**21**	**1**	**1093**	**223**	**498**	**455**	**406**	**4**
23ELAC059	16	36	20	1000	80	262	214	222	5
incl.	**17**	**24**	**7**	**1623**	**112**	**431**	**339**	**370**	**7**
incl.	**35**	**36**	**1**	**1593**	**228**	**450**	**429**	**364**	**5**
23ELAC060	19	32	13	1387	107	310	256	258	4
	22	**26**	**4**	**3400**	**253**	**771**	**627**	**642**	**5**
	24	**25**	**1**	**8752**	**553**	**1924**	**1504**	**1614**	**4**
23ELAC064	12	26	14	545	82	120	121	89	58
incl.	12	15	3	821	111	227	202	177	67
incl.	**20**	**21**	**1**	**1216**	**144**	**120**	**154**	**73**	**69**
23ELAC065	20	32	12	455	32	95	78	80	3
23ELAC066	5	7	2	344	54	87	84	66	4
23ELAC068	23	34	11	498	92	133	132	96	26
incl.	**29**	**30**	**1**	**1038**	**159**	**298**	**261**	**221**	**25**
23ELAC070	30	35	5	443	70	121	113	91	16
23ELAC071	24	27	3	371	80	98	108	71	17
23ELAC072	20	25	5	343	79	104	111	76	18
23ELAC073	18	27	9	543	98	143	142	104	19
23ELAC074	22	30	8	541	93	153	146	115	18
incl.	**23**	**24**	**1**	**1006**	**104**	**249**	**205**	**196**	**17**
23ELAC076	18	23	5	451	86	150	140	114	18
23ELAC077	18	23	5	481	107	131	143	94	16
23ELAC078	17	22	5	454	116	140	157	101	16
23ELAC079	19	20	1	317	61	93	92	69	15
	23	24	1	359	70	97	99	70	17
23ELAC080	18	23	5	535	94	140	138	102	18
incl.	**20**	**21**	**1**	**1178**	**183**	**237**	**245**	**166**	**20**
23ELAC081	24	27	3	340	75	107	108	78	23
23ELAC093	17	24	7	631	104	173	167	131	18
incl.	**19**	**20**	**1**	**1131**	**149**	**285**	**258**	**219**	**23**
23ELAC094	60	61	1	553	57	125	111	101	5
23ELAC095	29	38	9	443	109	116	137	80	53
23ELAC096	24	27	3	303	29	68	60	56	2
23ELAC097	16	20	4	503	77	117	110	84	32
23ELAC098	20	23	3	503	131	142	161	97	43
23ELAC103	16	21	5	543	102	167	158	123	20
incl.	**16**	**17**	**1**	**1135**	**173**	**365**	**311**	**278**	**22**
23ELAC104	16	26	10	475	100	129	139	94	19
23ELAC107	20	24	4	367	54	98	90	75	14
23ELAC109	24	28	4	606	76	147	132	113	28
23ELAC114	20	30	10	862	168	239	242	174	21
incl.	**21**	**24**	**3**	**1528**	**170**	**369**	**307**	**280**	**22**
23ELAC116	26	28	2	634	128	206	194	153	8
23ELAC117	32	36	4	314	80	68	93	46	5
23ELAC119	40	44	4	366	131	82	138	52	8
23ELAC120	**18**	**26**	**8**	**1255**	**290**	**348**	**377**	**244**	**12**
incl.	**20**	**24**	**4**	**1847**	**421**	**512**	**552**	**359**	**13**
23ELAC123	8	18	10	606	66	200	161	165	15
incl.	**15**	**17**	**2**	**1600**	**203**	**712**	**555**	**587**	**18**

Hole ID	From (m)	To (m)	Interval (m)	TREO (ppm)	HREO (ppm)	MREO (ppm)	CREO (ppm)	NdPr REO (ppm)	Sc_2O_3 (ppm)
23ELAC125	10	11	1	588	90	166	159	131	19
23ELAC126	44	56	12	642	79	176	152	140	9
incl.	**49**	**50**	**1**	**1002**	**125**	**353**	**284**	**287**	**8**
23ELAC127	31	41	10	1092	114	288	242	233	13
incl.	**35**	**41**	**6**	**1368**	**155**	**355**	**307**	**283**	**15**
23ELAC128	9	15	6	551	41	129	103	108	5
23ELAC129	4	6	2	349	34	85	72	70	10
23ELAC130	3	9	6	482	48	115	99	94	8
23ELAC131	0	18	18	873	61	185	149	156	13
incl.	**0**	**5**	**5**	**1094**	**82**	**236**	**194**	**197**	**15**
incl.	**9**	**11**	**2**	**1398**	**80**	**292**	**226**	**251**	**19**
23ELAC132	11	17	6	437	43	106	87	86	10
23ELAC134	3	26	23	1050	79	230	190	194	7
incl.	**16**	**26**	**10**	**1507**	**107**	**342**	**279**	**292**	**7**
23ELAC137	3	8	5	614	48	141	116	119	16
	11	**40**	**29**	**1667**	**105**	**402**	**314**	**346**	**7**
23ELAC138	3	12	9	2311	147	580	453	502	9
incl.	**5**	**12**	**7**	**2756**	**172**	**694**	**540**	**602**	**8**
23ELAC139	0	4	4	971	63	221	177	190	13
incl.	**2**	**4**	**2**	**1361**	**79**	**311**	**243**	**270**	**12**
23ELAC140	0	13	13	2399	137	530	419	461	7
incl.	**1**	**13**	**12**	**2564**	**145**	**567**	**447**	**493**	**7**
23ELAC141	0	1	1	347	29	80	68	67	10
	9	27	18	1934	123	421	341	361	8
incl.	**16**	**27**	**11**	**2753**	**175**	**613**	**495**	**527**	**6**
23ELAC142	**4**	**9**	**5**	**1388**	**75**	**294**	**230**	**255**	**6**
23ELAC143	**0**	**4**	**4**	**2204**	**114**	**505**	**382**	**441**	**11**
incl.	**1**	**4**	**3**	**2744**	**137**	**630**	**474**	**552**	**9**
23ELAC144	**0**	**3**	**3**	**1332**	**68**	**257**	**197**	**222**	**7**
23ELAC145	**0**	**29**	**29**	**2116**	**105**	**439**	**340**	**384**	**6**
23ELAC146	0	9	9	1374	88	308	249	265	6
incl.	**1**	**9**	**8**	**1483**	**94**	**333**	**269**	**287**	**5**
23ELAC147	0	1	1	441	59	98	95	77	13
23ELAC149	0	1	1	388	61	90	95	69	6
23ELAC152	9	14	5	291	21	57	46	47	8
23ELAC154	12	27	15	646	71	173	146	138	10
incl.	19	23	4	875	103	251	215	202	9
incl.	**26**	**27**	**1**	**1243**	**164**	**399**	**336**	**315**	**7**
23ELAC157	29	44	15	755	60	179	148	150	14
incl.	**32**	**38**	**6**	**1061**	**64**	**261**	**201**	**225**	**19**
23ELAC158	20	30	10	835	95	192	177	154	10
incl.	**26**	**30**	**4**	**1177**	**113**	**226**	**212**	**183**	**9**
23ELAC159	60	64	4	1463	195	437	372	337	10
23ELAC160	55	68	13	585	73	146	132	115	7
incl.	**59**	**60**	**1**	**1228**	**121**	**299**	**254**	**242**	**6**
23ELAC161	53	57	4	357	59	95	93	72	7
	60	63	3	528	73	129	125	102	6
23ELAC167	13	16	3	602	49	154	119	127	12
23ELAC168	29	34	5	580	143	152	181	107	30

Hole ID	From (m)	To (m)	Interval (m)	TREO (ppm)	HREO (ppm)	MREO (ppm)	CREO (ppm)	NdPr REO (ppm)	Sc_2O_3 (ppm)
23ELAC169	30	44	14	831	104	195	181	153	22
incl.	**32**	**35**	**3**	**1821**	**174**	**464**	**387**	**382**	**29**
incl.	**38**	**39**	**1**	**2187**	**124**	**185**	**179**	**135**	**30**
23ELAC170	54	66	12	331	58	83	87	63	13
	72	73	1	336	79	94	104	66	15
23ELAC171	52	60	8	309	29	33	38	24	30
	72	80	8	419	71	133	121	103	22
23ELAC172	40	76	36	1224	126	290	252	237	7
incl.	**52**	**72**	**20**	**1644**	**177**	**396**	**349**	**323**	**7**
23ELAC173	40	42	2	460	45	89	81	72	8
	45	59	14	707	62	174	139	143	20
incl.	**47**	**50**	**3**	**1035**	**67**	**195**	**153**	**160**	**21**
incl.	**54**	**55**	**1**	**1082**	**126**	**428**	**322**	**355**	**17**
23ELAC174	35	60	25	915	72	207	171	175	5
incl.	**35**	**39**	**4**	**1515**	**112**	**385**	**306**	**327**	**5**
incl.	**53**	**60**	**7**	**1173**	**87**	**240**	**205**	**204**	**5**
23ELRC003	0	21	21	487	42	118	97	98	5
23ELRC004	0	24	24	536	46	135	110	113	4
23ELRC005	8	24	16	455	69	81	87	57	34
	28	32	4	301	41	75	69	59	12

TREO (Total Rare Earth Oxide) grade includes CeO_2, Dy_2O_3, Er_2O_3, Eu_2O_3, Gd_2O_3, Ho_2O_3, La_2O_3, Lu_2O_3, Nd_2O_3, Pr_2O_3, Sm_2O_3, Tb_2O_3, Tm_2O_3, Yb_2O_3 and Y_2O_3 and is calculated using standard oxide conversion factors for each element (see Appendix IV).

HREO (Heavy Rare Earth Oxide) grade includes Eu_2O_3, Gd_2O_3, Tb_2O_3, Dy_2O_3, Ho_2O_3, Er_2O_3, Tm_2O_3, Yb_2O_3, Lu_2O_3 and Y_2O_3. Shown as percentage of TREO.

MREO (Magnet Rare Earth Oxide) grade includes Nd_2O_3, Pr_2O_3, Sm_2O_3, Gd_2O_3, Tb_2O_3, Dy_2O_3, and Ho_2O_3. Shown as percentage of TREO.

CREO (Critical Rare Earth Oxide) grade includes Nd_2O_3, Eu_2O_3, Tb_2O_3, Dy_2O_3 and Y_2O_3. Shown as percentage of TREO.

Nd+Pr REO (Neodymium-Praseodymium or NdPr) includes Nd_2O_3 and Pr_2O_3.

Significant intersections are based on a 300ppm TREO cut-off grade with up to 2m internal dilution.

Reported higher-grade intersections (in bold) are based on a 1,000ppm TREO cut-off grade with up to 2m internal dilution.

No maximum grade cut has been applied. Appropriate rounding of grade values has been applied.

Down hole interval widths are reported. Mineralisation is interpreted to be flat-laying and therefore down hole widths are considered to be close to true width.

APPENDIX III – Rare Earth Element Assay Results

Hole ID	From (m)	To (m)	Interval (m)	Ce_2O_3 (ppm)	Dy_2O_3 (ppm)	Er_2O_3 (ppm)	Eu_2O_3 (ppm)	Gd_2O_3 (ppm)	Ho_2O_3 (ppm)	La_2O_3 (ppm)	Lu_2O_3 (ppm)	Nd_2O_3 (ppm)	Pr_2O_3 (ppm)	Sm_2O_3 (ppm)	Tb_2O_3 (ppm)	Tm_2O_3 (ppm)	Y_2O_3 (ppm)	Yb_2O_3 (ppm)	TREO (ppm)	Sc_2O_3 (ppm)
23ELAC001	16	17	1	2.8	0.5	0.3	0.1	0.4	0.1	1.2	0.1	1.2	0.3	0.4	0.1	0.1	2.5	0.5	10.4	6.4
23ELAC001	17	18	1	6.8	0.7	0.4	0.2	0.5	0.1	3.6	0.1	2.8	0.7	0.6	0.1	0.1	4.2	0.6	21.6	6.5
23ELAC001	18	19	1	7.3	0.8	0.4	0.2	0.6	0.1	3.8	0.1	2.9	0.8	0.6	0.1	0.1	4.4	0.5	22.7	7.7
23ELAC001	19	20	1	5.7	0.7	0.4	0.2	0.4	0.1	3.1	0.1	2.2	0.6	0.5	0.1	0.1	3.8	0.5	18.5	6.1
23ELAC001	20	21	1	4.6	0.8	0.4	0.2	0.7	0.1	4.5	0.1	3.0	0.8	0.6	0.1	0.1	4.9	0.5	21.4	5.6
23ELAC001	21	22	1	16.2	1.1	0.7	0.5	1.0	0.2	11.8	0.1	6.0	1.7	1.0	0.2	0.1	7.1	0.9	48.7	6.9
23ELAC001	22	23	1	31.5	1.4	0.8	0.6	1.5	0.3	17.2	0.1	11.2	3.1	2.0	0.2	0.1	7.7	0.8	78.5	5.4
23ELAC001	23	24	1	29.3	1.6	0.8	0.7	1.8	0.3	22.0	0.1	14.1	4.1	2.3	0.3	0.1	8.4	1.0	86.7	7.0
23ELAC002	11	12	1	23.9	1.3	0.7	0.3	1.1	0.3	9.4	0.1	5.9	1.6	1.2	0.2	0.1	7.0	0.9	54.0	15.4
23ELAC003	15	16	1	4.3	0.6	0.4	0.1	0.5	0.1	2.6	0.1	1.6	0.4	0.4	0.1	0.1	3.5	0.5	15.3	12.1
23ELAC003	16	17	1	4.4	0.5	0.3	0.1	0.4	0.1	2.5	0.1	1.6	0.4	0.3	0.1	0.1	2.7	0.5	14.0	13.7
23ELAC003	17	18	1	13.1	0.9	0.5	0.2	0.7	0.2	6.2	0.1	4.0	1.1	0.8	0.1	0.1	4.8	0.6	33.3	11.3
23ELAC004	16	18	2	38.1	1.5	0.9	0.4	1.5	0.3	6.4	0.1	6.5	1.8	1.5	0.2	0.1	7.7	1.0	68.2	16.9
23ELAC005	16	20	4	21.6	1.5	0.9	0.4	1.5	0.3	10.0	0.2	8.2	2.3	1.5	0.2	0.1	8.9	1.0	58.7	16.0
23ELAC006	32	36	4	15.5	0.8	0.5	0.2	0.8	0.1	13.2	0.1	5.1	1.8	0.8	0.1	0.1	3.9	0.5	43.5	6.5
23ELAC007	13	14	1	50.7	2.9	1.5	0.9	3.2	0.5	23.6	0.2	20.7	5.5	4.0	0.4	0.2	13.5	1.6	129.6	25.3
23ELAC007	14	15	1	28.0	2.3	1.3	0.6	2.3	0.4	10.3	0.2	11.9	3.0	2.6	0.4	0.2	9.2	1.4	73.9	27.7
23ELAC007	15	16	1	46.1	1.7	1.0	0.4	1.6	0.3	6.1	0.2	8.9	2.2	1.9	0.3	0.2	5.2	1.2	77.3	25.3
23ELAC007	16	17	1	28.1	1.3	0.7	0.4	1.3	0.3	8.8	0.1	10.7	2.7	1.9	0.2	0.1	4.1	0.9	61.5	21.2
23ELAC007	37	38	1	86.2	2.0	0.9	0.8	2.8	0.4	52.3	0.1	27.6	8.7	4.2	0.4	0.1	9.9	0.9	197.3	10.9
23ELAC007	38	39	1	243.6	4.6	1.6	2.7	7.8	0.7	158.3	0.2	88.8	26.0	12.5	0.9	0.2	16.7	1.2	565.8	6.7
23ELAC007	39	40	1	48.0	1.0	0.5	0.5	1.5	0.2	32.3	0.1	13.2	4.2	2.1	0.2	0.1	5.5	0.5	109.8	4.8
23ELAC007	40	41	1	38.8	1.0	0.4	0.4	1.4	0.2	23.7	0.1	11.6	3.6	1.9	0.2	0.1	5.2	0.5	88.9	4.5
23ELAC007	41	42	1	200.3	2.4	1.0	1.5	4.0	0.4	101.8	0.1	54.4	17.0	8.1	0.5	0.1	10.1	0.9	402.6	5.9
23ELAC007	42	43	1	248.3	3.1	1.3	1.7	5.2	0.5	144.3	0.2	61.1	20.0	8.1	0.6	0.2	13.7	1.1	509.1	5.4
23ELAC007	43	44	1	285.8	5.6	2.4	2.9	9.4	0.9	158.9	0.3	103.7	28.7	15.3	1.0	0.3	24.7	2.0	641.9	7.7
23ELAC007	44	45	1	264.7	4.9	2.1	2.3	8.2	0.8	158.3	0.3	86.4	24.9	11.9	0.9	0.3	23.3	1.7	591.2	6.9
23ELAC007	45	46	1	125.9	2.9	1.4	1.3	4.6	0.5	69.2	0.2	44.9	12.5	6.9	0.5	0.2	14.9	1.4	287.4	6.5
23ELAC007	46	47	1	102.4	2.2	1.1	1.1	3.5	0.4	54.2	0.2	35.7	10.0	5.4	0.4	0.2	10.9	1.1	228.6	4.8
23ELAC007	47	48	1	74.0	1.6	0.8	0.7	2.3	0.3	43.0	0.1	24.6	7.1	3.7	0.3	0.1	8.8	0.8	168.2	5.8
23ELAC007	48	49	1	121.2	2.4	1.3	1.2	3.9	0.4	67.6	0.2	41.9	11.9	6.2	0.4	0.2	13.2	1.2	273.2	9.2
23ELAC007	49	50	1	165.2	3.7	1.7	2.0	6.3	0.7	62.4	0.2	70.2	18.4	11.1	0.7	0.3	18.4	1.7	362.8	14.5
23ELAC007	50	51	1	499.0	12.2	5.3	6.7	21.7	2.1	226.9	0.6	225.1	58.4	34.4	2.4	0.7	60.7	4.4	1160.8	8.8
23ELAC007	51	52	1	181.0	6.3	4.3	2.3	8.6	1.4	108.8	0.7	70.3	19.0	10.3	1.0	0.6	66.7	4.2	485.6	6.2
23ELAC007	52	53	1	73.4	1.3	0.7	0.7	2.0	0.2	43.4	0.1	21.1	6.5	3.1	0.2	0.1	8.8	0.7	162.3	4.4
23ELAC007	53	54	1	231.9	3.1	1.4	1.3	5.2	0.6	126.1	0.2	67.4	21.2	9.4	0.6	0.2	16.4	1.4	486.4	5.0
23ELAC007	54	55	1	71.3	1.5	0.8	0.8	2.2	0.3	37.8	0.1	23.0	6.7	3.4	0.3	0.1	9.3	0.8	158.5	4.6
23ELAC007	55	56	1	62.3	1.2	0.7	0.7	1.9	0.2	33.0	0.1	19.8	6.0	3.0	0.2	0.1	8.0	0.8	138.1	4.8
23ELAC007	56	57	1	68.1	1.0	0.5	0.7	1.6	0.2	38.4	0.1	20.4	6.3	2.9	0.2	0.1	5.3	0.5	146.0	4.3
23ELAC007	57	58	1	95.6	1.8	0.9	1.0	2.8	0.3	50.0	0.1	34.1	9.8	5.1	0.3	0.1	8.7	0.9	211.5	16.9
23ELAC008	12	16	4	29.4	1.8	1.1	0.5	1.8	0.3	15.4	0.2	11.5	3.3	2.0	0.3	0.2	9.6	1.2	78.7	22.6
23ELAC009	38	39	1	6.8	0.6	0.4	0.2	0.5	0.1	3.4	0.1	2.2	0.6	0.6	0.1	0.1	3.6	0.5	19.7	4.7
23ELAC009	39	40	1	7.1	0.7	0.4	0.2	0.5	0.1	4.3	0.1	2.1	0.6	0.5	0.1	0.1	4.2	0.6	21.8	4.8
23ELAC009	40	41	1	127.1	2.8	1.6	1.2	3.4	0.5	62.5	0.3	40.0	11.9	5.6	0.5	0.3	16.2	1.9	275.7	7.6
23ELAC009	41	42	1	103.3	1.7	0.8	0.8	2.3	0.3	53.0	0.1	28.7	8.8	4.0	0.3	0.1	8.7	0.9	213.8	7.0
23ELAC009	42	43	1	164.0	2.0	1.0	1.1	3.1	0.4	98.2	0.2	47.7	15.9	6.0	0.4	0.2	10.1	1.0	351.2	3.9

Hole ID	From (m)	To (m)	Interval (m)	Ce_2O_3 (ppm)	Dy_2O_3 (ppm)	Er_2O_3 (ppm)	Eu_2O_3 (ppm)	Gd_2O_3 (ppm)	Ho_2O_3 (ppm)	La_2O_3 (ppm)	Lu_2O_3 (ppm)	Nd_2O_3 (ppm)	Pr_2O_3 (ppm)	Sm_2O_3 (ppm)	Tb_2O_3 (ppm)	Tm_2O_3 (ppm)	Y_2O_3 (ppm)	Yb_2O_3 (ppm)	TREO (ppm)	Sc_2O_3 (ppm)
23ELAC009	43	44	1	267.1	2.7	1.1	1.7	4.7	0.4	150.7	0.2	75.8	25.4	9.1	0.5	0.2	12.8	1.0	553.4	6.3
23ELAC009	44	45	1	422.8	4.7	2.0	2.6	7.9	0.7	293.2	0.3	119.6	40.1	14.6	0.9	0.3	21.6	1.8	933.1	15.2
23ELAC009	45	46	1	220.8	4.6	2.2	1.9	6.4	0.7	130.2	0.3	69.4	22.2	9.9	0.8	0.3	20.2	2.3	492.2	10.2
23ELAC010	36	38	2	7.9	1.1	0.8	0.2	0.8	0.2	5.9	0.1	2.8	0.8	0.7	0.1	0.1	5.9	0.9	28.3	5.2
23ELAC011	16	20	4	28.5	1.6	0.9	0.4	1.5	0.3	10.1	0.1	8.5	2.4	1.7	0.2	0.1	8.1	1.0	65.6	19.4
23ELAC012	20	21	1	51.4	1.3	0.9	0.3	1.1	0.3	49.0	0.1	10.5	4.4	1.5	0.2	0.2	8.1	1.0	130.3	9.2
23ELAC012	21	22	1	60.6	1.4	0.8	0.3	1.3	0.3	67.9	0.1	15.3	6.2	1.9	0.2	0.1	7.2	0.9	164.5	7.7
23ELAC012	22	23	1	136.5	2.0	1.2	0.6	2.3	0.4	151.3	0.2	31.1	13.0	3.4	0.3	0.2	10.7	1.2	354.2	7.5
23ELAC012	23	24	1	164.6	2.7	1.4	0.8	3.2	0.5	165.4	0.2	40.4	15.6	5.0	0.4	0.2	14.1	1.5	416.0	8.2
23ELAC012	24	25	1	417.0	5.9	2.8	2.3	9.1	1.0	387.0	0.3	133.0	47.0	15.7	1.1	0.4	27.9	2.6	1053.2	11.1
23ELAC012	25	26	1	625.5	8.3	4.0	3.3	12.8	1.4	433.9	0.5	184.3	61.6	22.6	1.5	0.6	41.1	3.6	1405.0	11.7
23ELAC012	26	27	1	406.4	6.1	2.9	2.6	9.6	1.0	269.7	0.3	126.6	41.7	16.1	1.1	0.4	31.1	2.7	918.3	8.6
23ELAC012	27	28	1	381.8	5.5	2.5	2.2	8.0	0.9	258.0	0.3	108.5	36.9	14.0	1.0	0.4	27.7	2.2	849.9	11.4
23ELAC012	28	29	1	250.7	4.1	2.0	1.6	5.9	0.7	158.3	0.3	77.1	25.4	10.1	0.7	0.3	21.4	1.9	560.3	10.3
23ELAC012	29	30	1	289.3	3.8	1.8	1.7	5.8	0.6	161.8	0.2	82.3	27.7	10.7	0.7	0.3	18.0	1.8	606.7	9.5
23ELAC012	30	31	1	914.8	9.5	3.8	4.9	16.1	1.4	433.9	0.4	256.6	88.5	33.0	1.8	0.6	39.1	3.4	1807.8	12.6
23ELAC012	31	32	1	630.2	8.2	3.7	3.7	13.5	1.3	328.4	0.4	184.9	57.9	23.4	1.5	0.5	39.7	3.2	1300.7	8.6
23ELAC012	32	33	1	427.5	6.2	3.4	2.5	9.6	1.1	201.7	0.5	120.7	37.6	15.8	1.1	0.5	40.3	3.2	871.6	5.3
23ELAC012	33	34	1	319.8	5.3	2.5	2.4	8.6	0.9	194.1	0.3	120.1	37.3	15.3	1.0	0.4	30.6	2.2	740.8	6.1
23ELAC012	34	35	1	312.7	5.2	2.3	2.4	8.5	0.8	204.7	0.2	122.5	38.4	15.4	1.0	0.3	27.0	2.0	743.4	6.2
23ELAC012	35	36	1	315.1	4.4	1.9	2.2	7.7	0.7	183.5	0.2	115.7	35.8	14.5	0.8	0.3	22.0	1.6	706.5	5.6
23ELAC012	36	37	1	332.6	4.5	2.1	2.2	7.5	0.7	182.4	0.3	112.7	35.7	14.3	0.8	0.3	22.1	1.8	719.9	6.1
23ELAC012	37	38	1	359.6	4.9	2.1	2.6	8.3	0.8	184.1	0.3	121.9	37.1	15.8	0.9	0.3	24.7	1.9	765.4	6.2
23ELAC012	38	39	1	309.2	4.7	2.0	2.5	8.2	0.7	186.5	0.2	120.1	37.2	15.1	0.9	0.3	22.9	1.8	712.4	5.2
23ELAC012	39	40	1	294.0	4.7	2.0	2.4	8.3	0.7	192.3	0.2	120.1	37.2	15.0	0.9	0.3	22.7	1.8	702.7	4.5
23ELAC012	40	41	1	277.6	4.5	2.0	2.1	7.5	0.7	171.2	0.2	107.7	33.6	14.1	0.8	0.3	22.9	1.8	647.1	4.3
23ELAC012	41	42	1	264.7	4.9	2.2	2.3	8.1	0.8	169.5	0.3	108.7	32.8	14.3	0.9	0.3	25.1	2.1	636.9	5.0
23ELAC012	42	43	1	289.3	5.3	2.2	2.6	9.4	0.8	183.0	0.3	130.6	39.3	17.1	1.0	0.3	24.6	1.9	707.7	4.4
23ELAC012	43	44	1	317.4	5.4	2.2	2.6	9.3	0.8	196.4	0.2	130.1	39.8	16.9	1.0	0.3	25.3	1.8	749.6	3.6
23ELAC012	44	45	1	290.5	4.6	2.0	2.2	7.4	0.8	152.5	0.2	103.5	31.4	13.7	0.8	0.3	22.4	1.7	633.9	3.5
23ELAC013	12	15	3	13.6	1.0	0.7	0.2	0.9	0.2	9.7	0.1	5.1	1.4	1.1	0.1	0.1	5.6	0.7	40.6	15.3
23ELAC014	16	20	4	6.3	0.9	0.6	0.2	0.8	0.2	3.1	0.1	2.8	0.7	0.6	0.2	0.1	4.8	0.8	22.2	20.4
23ELAC015	12	15	3	11.9	1.2	0.7	0.3	1.0	0.2	5.6	0.1	5.6	1.4	1.1	0.2	0.1	6.5	0.8	36.8	17.2
23ELAC016	20	24	4	15.7	1.1	0.7	0.2	1.0	0.2	18.5	0.2	5.9	1.9	1.1	0.2	0.1	6.6	0.9	54.2	5.6
23ELAC017	16	18	2	9.2	1.1	0.7	0.3	1.1	0.3	6.5	0.1	5.2	1.4	1.1	0.2	0.1	6.0	0.8	34.1	22.6
23ELAC018	12	14	2	17.5	1.1	0.7	0.3	1.2	0.2	11.4	0.1	7.3	2.2	1.2	0.2	0.1	6.6	0.7	50.6	19.6
23ELAC019	12	13	1	12.4	0.5	0.3	0.1	0.5	0.1	3.5	0.0	2.5	0.7	0.5	0.1	0.0	2.5	0.4	24.0	16.0
23ELAC019	13	14	1	9.9	0.5	0.3	0.1	0.4	0.1	3.0	0.0	2.2	0.6	0.6	0.1	0.1	2.3	0.4	20.6	14.9
23ELAC019	14	15	1	14.9	0.6	0.3	0.2	0.6	0.1	6.3	0.1	3.8	1.2	0.7	0.1	0.1	2.7	0.4	31.9	14.9
23ELAC019	15	16	1	17.9	0.6	0.4	0.2	0.7	0.1	10.6	0.1	6.6	2.0	1.1	0.1	0.0	2.7	0.3	43.4	11.6
23ELAC019	16	17	1	19.0	0.6	0.3	0.3	0.8	0.1	13.6	0.1	7.9	2.4	1.1	0.1	0.1	2.9	0.4	49.5	8.6
23ELAC019	17	18	1	10.2	0.5	0.3	0.2	0.6	0.1	7.7	0.1	4.2	1.3	0.8	0.1	0.0	2.7	0.3	29.0	5.8
23ELAC020	16	17	1	210.8	2.9	0.9	1.9	4.9	0.4	81.3	0.1	60.2	16.4	8.8	0.6	0.1	8.3	0.8	398.6	6.0
23ELAC020	17	18	1	220.8	4.1	1.7	2.4	6.3	0.7	96.6	0.3	70.8	19.4	10.7	0.8	0.3	13.4	1.9	450.0	17.4
23ELAC020	18	19	1	188.0	3.8	1.4	2.2	5.7	0.6	79.0	0.2	62.9	17.0	9.7	0.7	0.2	9.2	1.4	382.0	35.6
23ELAC020	19	20	1	322.1	8.7	2.6	5.2	14.3	1.2	152.5	0.2	128.9	31.9	22.4	1.7	0.3	21.5	1.9	715.7	25.2
23ELAC020	20	21	1	91.7	2.8	1.3	1.3	3.6	0.5	43.3	0.2	32.9	9.1	5.4	0.5	0.2	8.5	1.6	202.9	23.5
23ELAC020	21	22	1	196.8	4.3	1.7	2.3	6.1	0.7	122.0	0.3	75.8	21.8	10.4	0.8	0.3	13.9	1.9	459.1	18.3
23ELAC020	22	23	1	414.6	12.3	4.0	6.7	19.7	1.8	247.5	0.4	243.8	63.5	33.7	2.4	0.5	32.1	3.1	1086.4	14.6

Hole ID	From (m)	To (m)	Interval (m)	Ce_2O_3 (ppm)	Dy_2O_3 (ppm)	Er_2O_3 (ppm)	Eu_2O_3 (ppm)	Gd_2O_3 (ppm)	Ho_2O_3 (ppm)	La_2O_3 (ppm)	Lu_2O_3 (ppm)	Nd_2O_3 (ppm)	Pr_2O_3 (ppm)	Sm_2O_3 (ppm)	Tb_2O_3 (ppm)	Tm_2O_3 (ppm)	Y_2O_3 (ppm)	Yb_2O_3 (ppm)	TREO (ppm)	Sc_2O_3 (ppm)
23ELAC020	23	24	1	285.8	5.8	2.7	2.9	8.9	1.0	133.1	0.4	94.1	24.9	14.4	1.1	0.4	26.4	2.8	604.9	12.9
23ELAC020	24	25	1	395.9	6.9	3.2	2.3	9.6	1.2	200.0	0.4	120.1	36.2	16.6	1.2	0.5	35.9	3.0	833.1	5.3
23ELAC020	25	26	1	670.0	7.6	3.2	3.1	11.7	1.3	328.4	0.4	182.0	58.0	22.4	1.5	0.5	34.8	3.1	1327.9	6.5
23ELAC020	26	27	1	576.3	7.8	3.2	3.1	11.9	1.3	269.7	0.4	163.3	50.0	20.6	1.5	0.5	36.3	2.9	1148.8	5.0
23ELAC021	24	25	1	7.4	0.6	0.4	0.1	0.5	0.1	3.4	0.1	2.2	0.6	0.5	0.1	0.1	2.7	0.5	19.2	5.9
23ELAC021	25	26	1	6.2	0.5	0.3	0.1	0.5	0.1	2.8	0.1	1.7	0.5	0.5	0.1	0.1	2.6	0.5	16.5	5.0
23ELAC021	26	27	1	5.8	0.5	0.3	0.1	0.4	0.1	2.6	0.1	1.8	0.5	0.5	0.1	0.1	2.2	0.5	15.5	4.8
23ELAC021	27	28	1	9.6	0.6	0.4	0.1	0.5	0.1	4.4	0.1	2.9	0.8	0.6	0.1	0.1	2.7	0.5	23.5	5.7
23ELAC021	28	29	1	7.3	0.5	0.3	0.1	0.4	0.1	3.4	0.1	2.0	0.6	0.5	0.1	0.1	2.2	0.5	18.2	6.1
23ELAC021	29	30	1	46.3	1.0	0.5	0.2	1.2	0.2	30.5	0.1	12.7	4.0	1.7	0.2	0.1	4.4	0.6	103.7	5.0
23ELAC021	30	31	1	42.0	0.9	0.5	0.2	1.0	0.2	25.9	0.1	10.3	3.4	1.6	0.2	0.1	4.3	0.7	91.3	6.1
23ELAC021	31	32	1	157.5	1.6	0.8	0.6	2.2	0.3	84.2	0.1	35.2	12.1	4.3	0.3	0.1	7.3	0.9	307.5	5.2
23ELAC021	32	33	1	404.1	2.8	1.2	1.4	4.8	0.5	207.6	0.2	90.2	30.3	10.5	0.6	0.2	12.0	1.2	767.4	5.3
23ELAC021	33	34	1	439.2	3.5	1.4	1.6	5.9	0.5	219.3	0.2	110.5	37.2	12.8	0.7	0.2	15.2	1.4	849.6	4.6
23ELAC021	34	35	1	175.1	2.9	1.4	1.0	3.9	0.5	91.9	0.2	49.6	15.3	6.7	0.5	0.2	15.7	1.4	366.5	4.8
23ELAC022	33	34	1	82.0	1.9	0.9	0.5	2.1	0.3	54.1	0.1	20.5	6.6	3.0	0.3	0.1	8.4	1.0	181.9	5.4
23ELAC022	34	35	1	152.3	2.4	1.1	1.0	3.4	0.4	97.9	0.2	44.4	13.8	5.8	0.4	0.2	12.3	1.2	337.0	4.6
23ELAC022	35	36	1	205.0	2.8	1.3	1.1	4.1	0.5	133.1	0.2	56.7	17.8	7.0	0.5	0.2	14.7	1.4	446.5	4.0
23ELAC022	36	37	1	141.1	2.4	1.2	0.9	3.0	0.4	88.2	0.2	39.3	12.5	5.0	0.4	0.2	12.9	1.3	309.0	3.1
23ELAC022	37	38	1	125.9	2.3	1.1	0.8	2.8	0.4	74.1	0.2	34.3	10.9	4.4	0.4	0.2	12.2	1.3	271.2	3.4
23ELAC022	38	39	1	173.9	2.8	1.4	1.0	3.5	0.5	107.1	0.2	47.8	15.4	6.0	0.5	0.2	14.9	1.6	376.8	3.9
23ELAC022	39	40	1	161.6	2.6	1.3	0.9	3.4	0.5	102.7	0.2	45.0	14.4	5.9	0.4	0.2	13.0	1.4	353.5	3.7
23ELAC022	40	41	1	198.5	2.6	1.2	0.9	4.0	0.5	120.2	0.2	53.4	17.1	7.0	0.5	0.2	13.9	1.2	421.6	3.7
23ELAC022	41	42	1	217.9	2.8	1.3	1.0	4.1	0.5	125.5	0.2	57.2	18.7	7.0	0.5	0.2	14.5	1.3	452.6	4.1
23ELAC022	42	43	1	193.9	2.6	1.1	0.9	4.0	0.4	109.5	0.2	51.2	16.8	6.6	0.5	0.2	13.8	1.2	402.9	3.7
23ELAC022	43	44	1	220.2	2.8	1.2	1.0	4.3	0.5	124.9	0.2	58.4	19.2	7.2	0.5	0.2	14.3	1.2	456.1	3.7
23ELAC022	44	45	1	226.6	2.8	1.2	0.9	4.1	0.5	128.4	0.2	58.2	19.5	7.2	0.5	0.2	14.5	1.2	466.1	4.3
23ELAC022	45	46	1	345.5	3.2	1.3	1.5	6.0	0.5	202.9	0.2	98.3	34.8	11.4	0.7	0.2	15.6	1.1	723.0	4.0
23ELAC022	46	47	1	319.8	3.1	1.3	1.4	5.4	0.5	187.6	0.2	90.0	31.4	10.4	0.6	0.2	15.3	1.2	668.2	4.1
23ELAC022	47	48	1	263.5	2.8	1.2	1.1	4.6	0.5	156.6	0.2	74.1	26.0	8.8	0.5	0.2	14.2	1.1	555.2	4.5
23ELAC023	16	18	2	10.7	0.8	0.5	0.2	0.8	0.2	6.3	0.1	4.7	1.3	0.9	0.1	0.1	4.7	0.6	32.3	16.5
23ELAC024	16	19	3	87.7	1.1	0.8	0.2	0.9	0.2	6.0	0.1	4.5	1.3	1.0	0.2	0.1	5.5	0.9	110.5	18.6
23ELAC025	16	17	1	5.3	0.4	0.3	0.2	0.3	0.1	3.0	0.1	2.0	0.6	0.4	0.1	0.0	2.3	0.4	15.5	8.1
23ELAC025	17	18	1	4.7	0.4	0.3	0.2	0.4	0.1	2.9	0.1	1.9	0.5	0.4	0.1	0.0	2.5	0.4	14.8	6.9
23ELAC025	18	19	1	4.8	0.5	0.3	0.2	0.5	0.1	2.2	0.1	1.7	0.5	0.5	0.1	0.1	2.6	0.4	14.5	5.2
23ELAC025	19	20	1	11.2	0.4	0.3	0.1	0.4	0.1	4.7	0.1	3.2	1.0	0.6	0.1	0.0	2.2	0.4	24.7	14.4
23ELAC025	20	21	1	33.5	1.0	0.5	0.4	1.3	0.2	19.8	0.1	14.6	4.5	2.2	0.2	0.1	4.5	0.5	83.4	17.3
23ELAC025	21	22	1	34.2	1.1	0.5	0.4	1.4	0.2	22.9	0.1	15.6	4.8	2.3	0.2	0.1	5.1	0.6	89.5	15.2
23ELAC025	22	23	1	62.5	1.4	0.7	0.8	2.2	0.2	47.6	0.1	31.4	10.1	3.8	0.3	0.1	7.6	0.9	169.8	6.7
23ELAC025	23	24	1	145.8	3.2	1.5	1.4	4.9	0.6	91.0	0.2	65.0	20.3	8.9	0.6	0.2	15.6	1.4	360.7	15.6
23ELAC025	24	25	1	173.4	4.0	1.6	2.6	8.2	0.7	191.8	0.2	144.1	46.3	17.3	0.9	0.2	20.2	1.3	612.6	8.1
23ELAC027	8	10	2	8.0	0.8	0.5	0.2	0.9	0.2	3.8	0.1	3.8	0.9	1.0	0.1	0.1	4.7	0.6	25.7	7.4
23ELAC028	4	6	2	17.1	1.8	1.0	0.4	1.8	0.4	13.1	0.2	10.2	2.8	1.9	0.3	0.2	11.0	1.0	63.1	16.4
23ELAC029	10	11	1	44.0	0.7	0.3	0.3	1.2	0.1	22.8	0.1	13.2	4.0	1.9	0.1	0.0	3.4	0.3	92.5	4.5
23ELAC029	11	12	1	36.2	0.8	0.4	0.3	1.2	0.1	18.2	0.1	11.3	3.4	1.7	0.1	0.1	4.2	0.4	78.5	4.5
23ELAC029	12	13	1	29.8	0.9	0.4	0.3	1.3	0.2	16.8	0.1	10.5	3.1	1.7	0.2	0.1	5.0	0.5	70.8	4.0
23ELAC029	13	14	1	51.8	1.0	0.5	0.4	1.6	0.2	26.4	0.1	15.3	4.6	2.3	0.2	0.1	5.2	0.5	110.0	5.5
23ELAC029	14	15	1	120.6	1.7	0.7	0.8	3.1	0.3	68.1	0.1	36.3	11.4	4.9	0.3	0.1	8.1	0.7	257.4	6.7
23ELAC029	15	16	1	55.2	0.7	0.3	0.5	1.4	0.1	29.9	0.1	16.9	5.3	2.3	0.1	0.1	3.9	0.3	117.1	3.0

Hole ID	From (m)	To (m)	Interval (m)	Ce_2O_3 (ppm)	Dy_2O_3 (ppm)	Er_2O_3 (ppm)	Eu_2O_3 (ppm)	Gd_2O_3 (ppm)	Ho_2O_3 (ppm)	La_2O_3 (ppm)	Lu_2O_3 (ppm)	Nd_2O_3 (ppm)	Pr_2O_3 (ppm)	Sm_2O_3 (ppm)	Tb_2O_3 (ppm)	Tm_2O_3 (ppm)	Y_2O_3 (ppm)	Yb_2O_3 (ppm)	TREO (ppm)	Sc_2O_3 (ppm)
23ELAC029	16	17	1	53.2	0.6	0.3	0.5	1.2	0.1	29.6	0.0	16.0	5.0	2.2	0.1	0.0	3.0	0.3	112.0	2.6
23ELAC029	17	18	1	53.5	0.9	0.4	0.5	1.4	0.1	31.2	0.1	15.7	5.0	2.1	0.2	0.1	4.5	0.4	116.0	2.6
23ELAC029	18	19	1	69.2	0.9	0.4	0.6	1.7	0.1	43.3	0.1	21.3	6.9	2.7	0.2	0.1	4.5	0.3	152.3	1.8
23ELAC029	19	20	1	72.5	0.8	0.4	0.6	1.5	0.1	40.2	0.1	21.1	6.8	2.7	0.2	0.1	4.4	0.3	151.8	2.0
23ELAC029	20	21	1	127.1	1.2	0.5	0.8	2.2	0.2	70.7	0.1	36.2	12.0	4.4	0.2	0.1	5.5	0.4	261.5	2.9
23ELAC029	21	22	1	98.4	1.0	0.4	0.8	1.9	0.2	55.6	0.1	28.5	9.4	3.5	0.2	0.1	4.4	0.4	204.7	1.9
23ELAC029	22	23	1	114.1	1.5	0.6	1.0	2.5	0.2	67.3	0.1	35.0	11.2	4.4	0.3	0.1	6.7	0.5	245.4	2.2
23ELAC029	23	24	1	130.6	1.4	0.6	1.0	2.6	0.2	77.9	0.1	38.7	12.4	4.6	0.3	0.1	7.2	0.5	278.3	2.6
23ELAC030	12	16	4	24.9	1.5	1.0	0.3	1.3	0.3	7.2	0.2	5.9	1.6	1.4	0.2	0.2	8.3	1.2	55.5	21.9
23ELAC031	8	12	4	31.3	1.9	1.1	0.5	1.9	0.4	12.5	0.2	10.7	2.9	2.1	0.3	0.2	11.1	1.2	78.3	21.2
23ELAC032	17	18	1	15.2	1.7	1.2	0.3	1.2	0.4	9.9	0.3	5.7	1.6	1.3	0.2	0.2	9.4	1.5	50.1	6.9
23ELAC032	18	19	1	44.9	3.0	1.7	0.8	3.4	0.6	26.2	0.3	19.9	5.1	3.5	0.5	0.3	16.3	1.8	128.2	7.4
23ELAC032	19	20	1	26.7	1.3	0.8	0.3	1.2	0.3	22.6	0.2	7.8	2.6	1.3	0.2	0.1	7.6	1.1	74.1	6.1
23ELAC032	20	21	1	64.7	1.2	0.7	0.4	1.2	0.2	42.1	0.1	14.5	5.5	2.1	0.2	0.1	6.8	0.9	140.7	6.4
23ELAC032	21	22	1	105.1	1.5	0.8	0.6	1.8	0.3	71.0	0.1	28.3	10.3	3.7	0.3	0.1	7.7	1.0	232.5	7.1
23ELAC032	22	23	1	61.0	1.3	0.8	0.4	1.3	0.2	43.4	0.2	13.9	5.1	2.2	0.2	0.1	7.4	1.0	138.5	8.3
23ELAC032	23	24	1	35.6	1.6	1.0	0.5	1.6	0.3	21.8	0.2	12.0	3.7	2.1	0.2	0.2	9.7	1.2	91.7	6.0
23ELAC032	24	25	1	144.7	2.8	1.4	1.1	3.4	0.5	64.4	0.2	50.0	15.9	6.9	0.5	0.2	14.3	1.5	307.7	5.6
23ELAC032	25	26	1	651.2	8.2	3.3	4.6	15.5	1.3	293.2	0.3	240.3	80.0	30.7	1.7	0.4	39.5	2.6	1373.0	6.0
23ELAC032	26	27	1	372.5	5.9	2.5	2.7	10.2	1.0	194.7	0.3	135.3	42.0	17.6	1.2	0.3	29.6	2.1	817.8	4.5
23ELAC032	27	28	1	299.9	4.9	2.1	2.1	7.5	0.8	159.5	0.2	102.5	31.9	13.3	0.9	0.3	25.3	1.8	653.2	4.1
23ELAC032	28	29	1	319.8	5.2	2.3	2.4	8.7	0.9	161.3	0.3	114.9	35.2	15.3	1.0	0.3	27.4	1.9	696.8	4.3
23ELAC032	29	30	1	377.2	5.5	2.3	2.4	8.9	0.9	214.0	0.3	123.6	39.7	15.8	1.0	0.3	27.6	2.0	821.6	4.4
23ELAC033	8	12	4	47.1	1.5	0.9	0.4	1.4	0.3	11.3	0.2	8.5	2.4	1.6	0.2	0.1	8.1	0.9	84.7	18.8
23ELAC034	9	10	1	39.2	1.2	0.5	0.4	1.5	0.2	29.9	0.1	15.7	5.1	2.3	0.2	0.1	4.9	0.5	101.8	9.0
23ELAC034	10	11	1	76.7	1.5	0.5	0.5	2.1	0.2	49.3	0.0	20.4	7.2	2.7	0.3	0.1	6.4	0.3	168.2	6.1
23ELAC034	11	12	1	81.2	1.3	0.5	0.5	1.8	0.2	52.0	0.1	19.8	7.2	2.5	0.2	0.1	5.5	0.4	173.4	8.6
23ELAC034	12	13	1	128.8	2.3	0.8	0.9	3.3	0.3	89.8	0.1	36.3	12.6	4.9	0.4	0.1	8.9	0.6	290.2	14.9
23ELAC034	13	14	1	121.2	2.5	1.0	0.9	3.2	0.4	69.2	0.1	31.1	10.9	4.2	0.4	0.1	9.2	1.0	255.6	22.9
23ELAC034	14	15	1	235.4	3.9	1.5	1.4	5.2	0.6	108.0	0.1	51.4	18.0	6.5	0.7	0.2	13.7	1.0	447.5	14.4
23ELAC035	10	11	1	60.3	1.1	0.5	0.5	1.6	0.2	25.7	0.1	18.0	5.4	2.6	0.2	0.1	4.4	0.6	121.2	6.4
23ELAC035	11	12	1	83.4	1.2	0.5	0.7	2.0	0.2	38.2	0.1	23.2	7.3	3.0	0.2	0.1	4.8	0.6	165.5	5.6
23ELAC035	12	13	1	125.9	1.6	0.6	0.9	2.5	0.3	65.9	0.1	34.1	11.1	4.3	0.3	0.1	6.8	0.7	255.2	4.6
23ELAC035	13	14	1	243.6	3.0	1.2	1.7	5.3	0.5	152.5	0.1	67.9	21.2	8.3	0.6	0.2	12.3	0.9	519.2	5.6
23ELAC036	20	23	3	206.7	3.6	1.6	1.5	5.9	0.6	119.0	0.2	66.6	21.2	9.2	0.7	0.2	17.7	1.4	456.2	3.6
23ELAC037	20	21	1	64.0	1.6	0.9	0.6	1.8	0.3	40.9	0.1	16.9	5.3	2.7	0.2	0.1	8.1	0.9	144.2	4.9
23ELAC037	21	22	1	120.6	1.7	0.8	0.9	2.5	0.3	80.6	0.1	34.5	11.0	4.5	0.3	0.1	9.6	0.8	268.5	4.2
23ELAC037	22	23	1	157.0	2.0	0.9	1.0	3.1	0.4	106.4	0.1	44.9	15.1	5.6	0.4	0.1	10.1	0.8	347.9	4.8
23ELAC037	23	24	1	130.0	2.0	0.9	1.1	3.0	0.4	86.6	0.1	42.5	14.2	5.5	0.3	0.1	9.9	0.9	297.5	5.6
23ELAC037	24	25	1	66.8	1.6	0.7	0.8	2.0	0.3	32.6	0.1	21.1	6.6	3.2	0.3	0.1	7.9	0.7	144.8	4.5
23ELAC037	25	26	1	258.9	2.8	1.2	1.8	5.1	0.5	153.6	0.1	76.2	25.2	9.4	0.5	0.2	14.3	1.0	550.7	4.9
23ELAC037	26	27	1	140.6	2.2	1.0	1.1	3.0	0.4	89.0	0.1	40.5	13.3	5.5	0.4	0.2	11.1	1.0	309.4	6.2
23ELAC037	27	28	1	142.9	2.1	0.9	1.2	3.5	0.3	89.8	0.1	45.5	14.2	6.1	0.4	0.1	11.1	0.8	319.1	4.7
23ELAC038	14	15	1	88.8	1.4	0.7	0.7	1.8	0.2	53.5	0.1	23.3	7.7	3.1	0.2	0.1	6.8	0.7	189.1	5.3
23ELAC038	15	16	1	104.4	1.4	0.7	0.7	2.1	0.3	68.5	0.1	27.9	9.2	3.7	0.3	0.1	7.3	0.7	227.5	4.8
23ELAC038	16	17	1	92.5	1.3	0.7	0.7	2.0	0.2	55.2	0.1	26.1	8.6	3.5	0.2	0.1	7.2	0.6	199.1	3.9
23ELAC038	17	18	1	161.6	1.7	0.8	1.0	2.9	0.3	132.5	0.1	40.4	14.2	4.9	0.3	0.1	8.8	0.7	370.4	4.2
23ELAC038	18	19	1	128.3	1.7	0.8	1.0	2.8	0.3	87.8	0.1	39.2	12.8	4.8	0.3	0.1	8.6	0.8	289.2	4.1
23ELAC038	19	20	1	103.7	1.4	0.7	0.9	2.2	0.3	63.4	0.1	31.0	10.0	4.1	0.2	0.1	7.5	0.7	226.3	3.8

Hole ID	From (m)	To (m)	Interval (m)	Ce_2O_3 (ppm)	Dy_2O_3 (ppm)	Er_2O_3 (ppm)	Eu_2O_3 (ppm)	Gd_2O_3 (ppm)	Ho_2O_3 (ppm)	La_2O_3 (ppm)	Lu_2O_3 (ppm)	Nd_2O_3 (ppm)	Pr_2O_3 (ppm)	Sm_2O_3 (ppm)	Tb_2O_3 (ppm)	Tm_2O_3 (ppm)	Y_2O_3 (ppm)	Yb_2O_3 (ppm)	TREO (ppm)	Sc_2O_3 (ppm)
23ELAC038	20	21	1	189.8	2.7	1.2	1.6	4.4	0.5	107.8	0.2	60.3	19.4	8.2	0.5	0.2	13.6	1.1	411.3	4.7
23ELAC038	21	22	1	263.5	3.3	1.4	1.8	5.6	0.6	156.0	0.2	80.4	26.3	10.2	0.6	0.2	16.2	1.3	567.5	4.8
23ELAC038	22	23	1	236.6	3.7	1.8	2.0	6.0	0.7	140.7	0.2	76.6	24.2	9.9	0.7	0.2	20.5	1.5	525.4	4.1
23ELAC038	23	24	1	296.3	3.9	1.6	2.2	6.7	0.7	178.3	0.2	93.2	29.8	11.8	0.7	0.2	20.4	1.2	647.3	4.9
23ELAC038	24	25	1	251.8	3.2	1.4	1.9	5.5	0.5	144.8	0.2	79.3	25.4	10.3	0.6	0.2	17.1	1.2	543.5	5.4
23ELAC038	25	26	1	335.0	3.8	1.6	2.6	7.2	0.6	205.8	0.2	109.5	34.1	13.3	0.7	0.2	20.3	1.3	736.3	5.4
23ELAC038	26	27	1	295.2	3.3	1.3	2.4	6.3	0.5	171.2	0.1	99.6	30.7	12.4	0.6	0.2	16.4	1.1	641.2	5.2
23ELAC038	27	28	1	255.3	3.0	1.2	2.1	5.6	0.5	144.3	0.1	88.1	26.7	10.9	0.6	0.2	14.7	1.0	554.1	5.0
23ELAC038	28	29	1	249.5	2.6	1.1	2.0	5.3	0.4	140.1	0.1	84.1	26.1	10.4	0.5	0.1	12.6	0.9	536.0	4.9
23ELAC038	29	30	1	276.4	3.0	1.1	2.3	5.9	0.5	157.7	0.1	96.1	29.5	12.1	0.6	0.1	13.2	0.9	599.7	4.8
23ELAC038	30	31	1	271.7	3.0	1.2	2.3	6.1	0.5	151.9	0.1	95.6	28.9	12.4	0.6	0.2	13.8	1.0	589.3	5.2
23ELAC038	31	32	1	268.2	3.0	1.1	2.3	6.1	0.5	154.2	0.1	94.6	28.8	11.9	0.6	0.1	13.1	0.9	585.6	4.8
23ELAC038	32	33	1	279.9	3.3	1.2	2.4	6.5	0.5	156.0	0.1	98.2	29.7	12.2	0.6	0.2	14.5	1.0	606.5	5.0
23ELAC038	33	34	1	271.7	3.2	1.2	2.4	6.5	0.5	156.0	0.1	95.6	28.7	12.3	0.7	0.1	14.2	1.0	594.3	4.4
23ELAC038	34	35	1	292.8	3.9	1.4	2.7	7.7	0.6	166.5	0.2	103.3	30.9	13.3	0.8	0.2	16.6	1.1	642.3	4.6
23ELAC038	35	36	1	315.1	4.4	1.6	3.0	8.4	0.7	168.9	0.2	113.7	33.8	14.9	0.9	0.2	19.0	1.3	686.1	4.7
23ELAC038	36	37	1	263.5	7.2	3.5	3.2	10.1	1.4	147.2	0.4	101.0	29.0	14.1	1.2	0.5	40.0	2.7	625.0	4.4
23ELAC038	37	38	1	265.9	3.9	1.7	2.5	6.9	0.7	147.2	0.2	92.7	27.7	11.9	0.7	0.2	22.3	1.4	586.0	4.4
23ELAC038	38	39	1	253.0	3.0	1.3	2.1	6.0	0.5	143.1	0.1	85.5	25.7	10.7	0.6	0.2	16.9	0.9	549.5	4.6
23ELAC039	12	15	3	5.7	0.5	0.3	0.1	0.4	0.1	3.5	0.1	1.8	0.5	0.4	0.1	0.1	2.4	0.4	16.4	2.2
23ELAC040	20	21	1	38.2	1.4	0.7	0.7	1.8	0.3	27.2	0.1	14.7	4.2	2.5	0.2	0.1	8.1	0.6	100.9	2.5
23ELAC040	21	22	1	366.6	5.5	2.4	2.9	9.5	0.9	243.9	0.2	101.2	34.3	14.5	1.0	0.3	25.4	1.9	810.6	2.8
23ELAC040	22	23	1	34.7	1.6	0.8	0.8	1.9	0.3	15.3	0.1	13.7	3.6	2.8	0.3	0.1	8.5	0.8	85.3	2.3
23ELAC040	23	24	1	114.2	1.9	0.7	1.3	3.7	0.3	68.6	0.1	40.5	11.9	6.2	0.4	0.1	7.8	0.6	258.2	2.5
23ELAC040	24	25	1	121.8	2.0	0.8	1.2	3.4	0.3	70.8	0.1	41.1	12.3	6.0	0.4	0.1	8.7	0.6	269.6	3.1
23ELAC040	25	26	1	147.6	2.1	0.8	1.2	3.6	0.3	84.4	0.1	46.2	14.3	6.4	0.4	0.1	9.0	0.7	317.2	3.4
23ELAC040	26	27	1	161.6	2.6	1.1	1.5	4.8	0.4	88.5	0.1	57.4	16.6	8.3	0.6	0.1	12.4	1.0	357.1	4.3
23ELAC041	13	14	1	65.4	1.7	0.6	0.8	2.7	0.3	44.1	0.1	24.1	7.0	4.1	0.3	0.1	6.5	0.5	158.3	2.9
23ELAC041	14	15	1	44.7	1.6	0.9	0.5	1.9	0.3	28.7	0.1	13.8	4.1	2.6	0.3	0.1	8.1	0.9	108.6	4.1
23ELAC041	15	16	1	55.4	1.7	0.9	0.7	2.1	0.3	30.1	0.1	17.7	5.3	3.0	0.3	0.1	9.0	1.0	127.8	4.2
23ELAC041	16	17	1	78.2	1.9	0.9	0.7	2.5	0.3	41.2	0.1	23.0	7.2	3.6	0.3	0.1	9.2	0.9	170.3	4.2
23ELAC041	17	18	1	224.3	3.4	1.6	1.4	4.7	0.6	129.6	0.2	64.5	21.4	8.6	0.6	0.2	17.7	1.5	480.1	4.4
23ELAC041	18	19	1	229.6	3.3	1.4	1.5	5.2	0.6	123.7	0.2	70.6	22.9	9.4	0.6	0.2	17.1	1.3	487.5	3.8
23ELAC041	19	20	1	197.4	2.8	1.3	1.2	4.3	0.5	115.6	0.2	58.0	18.8	7.7	0.5	0.2	14.9	1.2	424.6	4.7
23ELAC041	20	21	1	295.2	3.6	1.5	1.7	5.9	0.6	153.6	0.2	89.8	30.3	11.9	0.7	0.2	18.6	1.3	615.2	4.8
23ELAC041	21	22	1	145.8	2.4	1.1	1.0	3.6	0.4	89.5	0.1	43.7	14.2	6.0	0.5	0.2	12.8	1.0	322.3	3.8
23ELAC041	22	23	1	179.2	3.3	1.5	1.3	5.2	0.6	105.6	0.2	59.5	18.2	8.3	0.6	0.2	18.8	1.3	403.9	4.3
23ELAC041	23	24	1	177.5	2.3	1.1	1.1	4.2	0.4	103.0	0.1	53.5	17.0	7.1	0.5	0.1	13.5	0.8	382.1	3.9
23ELAC041	24	25	1	155.2	1.5	0.7	0.9	3.0	0.2	92.1	0.1	46.1	14.7	5.6	0.3	0.1	8.5	0.7	329.8	3.5
23ELAC041	25	26	1	147.6	1.4	0.7	0.9	2.9	0.2	86.3	0.1	43.9	13.9	5.6	0.3	0.1	7.6	0.6	312.0	3.3
23ELAC041	26	27	1	161.1	1.5	0.7	1.0	3.0	0.3	93.9	0.1	47.8	15.3	5.9	0.3	0.1	8.2	0.6	339.8	3.8
23ELAC042	18	19	1	140.6	2.1	1.0	1.1	3.3	0.4	78.5	0.1	44.3	13.9	6.0	0.4	0.1	10.3	1.0	303.0	4.3
23ELAC042	19	20	1	145.2	2.1	0.9	1.1	3.4	0.3	85.7	0.1	46.3	14.6	6.1	0.4	0.1	8.9	0.8	316.1	3.9
23ELAC042	20	21	1	168.1	2.3	1.0	1.4	3.9	0.4	95.6	0.1	55.5	17.0	7.4	0.4	0.1	9.8	0.9	363.9	3.9
23ELAC042	21	22	1	257.7	3.3	1.2	2.0	6.5	0.5	117.0	0.1	72.1	21.5	10.8	0.7	0.1	11.1	0.9	505.5	3.2
23ELAC042	22	23	1	178.6	2.7	1.0	1.4	4.3	0.4	99.5	0.1	55.5	17.5	7.6	0.5	0.1	11.4	0.8	381.5	3.2
23ELAC042	23	24	1	242.5	2.9	1.2	1.7	4.8	0.5	128.4	0.2	73.2	22.9	9.6	0.5	0.2	13.3	1.1	502.9	3.4
23ELAC043	5	6	1	110.8	1.7	0.8	0.6	2.2	0.3	61.1	0.1	25.5	8.7	3.4	0.3	0.1	8.2	1.0	225.0	9.7
23ELAC043	6	7	1	46.1	1.0	0.6	0.3	0.9	0.2	29.1	0.1	10.3	4.0	1.5	0.1	0.1	4.8	0.7	99.7	8.3

Hole ID	From (m)	To (m)	Interval (m)	Ce_2O_3 (ppm)	Dy_2O_3 (ppm)	Er_2O_3 (ppm)	Eu_2O_3 (ppm)	Gd_2O_3 (ppm)	Ho_2O_3 (ppm)	La_2O_3 (ppm)	Lu_2O_3 (ppm)	Nd_2O_3 (ppm)	Pr_2O_3 (ppm)	Sm_2O_3 (ppm)	Tb_2O_3 (ppm)	Tm_2O_3 (ppm)	Y_2O_3 (ppm)	Yb_2O_3 (ppm)	TREO (ppm)	Sc_2O_3 (ppm)
23ELAC043	7	8	1	130.6	1.2	0.7	0.5	1.4	0.2	120.8	0.1	29.4	12.9	3.0	0.2	0.1	5.7	0.8	307.7	11.7
23ELAC043	8	9	1	268.2	1.0	0.4	0.6	1.8	0.1	230.5	0.1	49.0	22.3	4.7	0.2	0.1	3.7	0.4	583.0	9.4
23ELAC043	9	10	1	89.8	0.7	0.4	0.2	0.8	0.1	78.1	0.1	15.7	7.1	1.6	0.1	0.1	3.6	0.6	199.1	11.9
23ELAC043	10	11	1	74.6	0.9	0.5	0.3	1.1	0.2	45.2	0.1	15.7	5.9	2.0	0.1	0.1	4.2	0.6	151.6	8.4
23ELAC043	11	12	1	199.7	2.4	1.1	1.2	4.0	0.4	89.1	0.1	59.4	18.7	8.4	0.5	0.2	10.2	1.1	396.5	7.4
23ELAC043	12	13	1	318.6	4.5	2.1	2.0	7.0	0.7	131.9	0.3	96.5	29.8	13.7	0.8	0.3	19.7	2.4	630.5	8.0
23ELAC043	13	14	1	626.6	6.7	3.1	3.5	11.7	1.1	225.8	0.4	183.1	56.5	22.8	1.3	0.4	30.1	2.9	1176.2	7.6
23ELAC043	14	15	1	414.6	5.8	2.6	3.0	9.7	0.9	161.3	0.4	137.1	42.1	18.3	1.1	0.4	24.4	2.5	824.0	5.3
23ELAC043	15	16	1	664.1	10.8	4.3	5.7	19.3	1.6	235.7	0.5	263.6	73.3	33.9	2.1	0.6	45.2	3.4	1364.0	5.7
23ELAC043	16	17	1	619.6	11.6	4.8	5.5	19.9	1.8	293.2	0.6	250.8	69.2	31.1	2.2	0.6	53.2	3.9	1368.0	6.3
23ELAC043	17	18	1	903.1	16.4	6.0	8.2	28.7	2.4	351.8	0.6	373.2	102.9	48.1	3.2	0.8	66.3	4.4	1916.0	6.9
23ELAC043	18	19	1	855.0	16.2	6.7	7.2	28.4	2.6	398.8	0.7	342.9	93.9	42.0	3.1	0.8	90.2	4.6	1893.1	7.3
23ELAC043	19	20	1	383.0	5.5	2.4	2.8	9.9	0.9	202.3	0.3	134.1	40.8	16.4	1.1	0.3	31.2	1.9	833.0	4.6
23ELAC043	20	21	1	249.5	2.9	1.5	1.5	4.8	0.5	140.1	0.2	75.8	23.9	8.5	0.5	0.2	20.0	1.3	531.3	4.1
23ELAC043	21	22	1	211.4	2.2	1.2	1.1	3.6	0.4	123.7	0.2	62.8	20.0	7.0	0.4	0.2	15.0	1.2	450.5	4.6
23ELAC043	22	23	1	200.3	2.4	1.5	1.3	4.0	0.5	108.8	0.3	64.4	20.1	7.5	0.4	0.2	17.5	1.7	430.9	4.4
23ELAC043	23	24	1	193.9	2.3	1.4	1.3	3.7	0.4	102.7	0.3	60.3	18.8	7.0	0.4	0.2	17.0	1.6	411.2	3.8
23ELAC044	43	44	1	39.1	2.1	1.3	0.4	1.9	0.4	22.0	0.3	12.8	3.9	2.3	0.3	0.2	13.5	1.7	102.4	3.9
23ELAC044	44	45	1	70.2	2.2	1.2	0.7	2.8	0.4	34.4	0.2	23.4	7.0	3.8	0.4	0.2	13.1	1.4	161.5	4.0
23ELAC044	45	46	1	67.7	2.3	1.3	0.7	2.9	0.4	32.0	0.2	22.0	6.5	3.4	0.4	0.2	13.0	1.5	154.4	4.0
23ELAC044	46	47	1	113.5	2.5	1.2	1.0	3.4	0.5	69.7	0.2	33.4	10.5	4.8	0.4	0.2	14.6	1.3	257.2	3.7
23ELAC044	47	48	1	233.7	3.1	1.4	1.5	5.0	0.5	156.0	0.2	63.9	20.9	7.4	0.5	0.2	16.6	1.3	512.3	3.7
23ELAC044	48	49	1	140.6	2.6	1.3	1.0	3.7	0.5	93.6	0.2	37.9	12.5	5.0	0.4	0.2	15.2	1.4	316.1	4.1
23ELAC044	49	50	1	131.8	3.4	1.5	1.6	5.3	0.6	70.3	0.2	49.1	14.3	7.5	0.6	0.2	16.9	1.5	304.7	3.8
23ELAC044	50	51	1	120.6	2.9	1.3	1.2	4.1	0.5	68.6	0.2	40.1	11.9	5.9	0.5	0.2	16.3	1.5	275.9	3.8
23ELAC044	51	52	1	154.6	3.9	1.7	1.8	6.1	0.6	88.1	0.3	54.7	15.9	7.9	0.7	0.3	19.9	1.6	358.0	3.8
23ELAC044	52	53	1	158.1	3.6	1.8	1.6	5.7	0.6	90.0	0.3	51.7	15.6	7.1	0.6	0.3	21.6	1.8	360.3	4.1
23ELAC044	53	54	1	101.1	2.4	1.2	0.9	3.4	0.4	54.8	0.2	32.9	9.8	4.5	0.4	0.2	15.0	1.3	228.6	3.3
23ELAC044	54	55	1	126.5	3.0	1.6	1.1	4.1	0.6	69.0	0.3	39.7	12.1	5.4	0.5	0.2	19.2	1.7	285.0	3.9
23ELAC044	55	56	1	137.6	3.1	1.6	1.3	4.6	0.6	71.3	0.3	45.5	13.5	6.3	0.5	0.3	20.0	1.7	308.3	4.5
23ELAC044	56	57	1	352.6	9.7	3.9	4.6	15.2	1.5	165.4	0.5	136.5	38.3	20.6	1.7	0.6	47.5	3.3	801.8	4.8
23ELAC044	57	58	1	346.7	6.2	2.7	3.3	10.0	1.1	173.6	0.4	116.2	35.1	15.8	1.1	0.4	35.8	2.5	750.8	4.8
23ELAC044	58	59	1	497.8	9.7	4.3	4.9	15.6	1.6	226.9	0.6	174.4	54.4	23.4	1.7	0.6	53.6	3.8	1073.4	5.3
23ELAC044	59	60	1	269.4	5.7	3.2	2.5	8.1	1.1	156.6	0.5	89.6	28.1	11.8	0.9	0.5	48.5	3.0	629.6	5.4
23ELAC044	60	61	1	202.0	3.6	1.9	1.8	5.8	0.7	113.3	0.3	66.7	20.6	8.7	0.6	0.3	25.0	1.9	453.3	5.6
23ELAC044	61	62	1	197.9	3.7	1.8	1.7	5.4	0.7	110.9	0.3	65.0	20.4	8.7	0.6	0.3	24.8	1.9	444.2	6.4
23ELAC044	62	63	1	251.8	5.0	2.4	2.3	7.5	0.9	157.2	0.4	82.0	26.3	10.9	0.9	0.4	32.9	2.5	583.4	6.9
23ELAC044	63	64	1	224.3	4.7	2.2	2.0	6.7	0.8	123.7	0.4	72.8	22.2	9.7	0.8	0.4	29.3	2.3	502.4	6.5
23ELAC045	0	1	1	154.6	3.3	1.5	1.5	4.9	0.6	117.3	0.3	56.5	17.5	7.5	0.6	0.2	16.8	1.6	384.5	10.0
23ELAC045	1	2	1	120.6	3.3	1.6	1.6	5.2	0.6	74.8	0.3	55.2	16.2	7.9	0.6	0.3	17.3	1.8	307.1	12.7
23ELAC045	2	3	1	204.4	4.7	2.1	2.4	7.4	0.8	133.7	0.4	85.8	25.9	11.4	0.8	0.3	25.0	2.3	507.5	8.3
23ELAC045	3	4	1	378.3	7.7	2.9	4.3	13.5	1.2	216.4	0.4	158.0	45.2	20.9	1.4	0.4	39.7	2.8	893.4	6.6
23ELAC045	4	5	1	278.8	6.7	2.8	3.1	10.4	1.1	158.9	0.5	111.0	30.9	15.3	1.2	0.5	36.8	2.9	660.9	6.9
23ELAC045	5	6	1	535.3	11.9	4.7	7.0	21.6	1.9	236.9	0.7	234.4	64.4	32.6	2.2	0.7	67.2	4.2	1225.6	13.7
23ELAC045	6	7	1	508.3	12.8	5.2	6.9	22.5	2.1	226.9	0.7	215.8	59.5	30.4	2.3	0.7	80.0	4.3	1178.3	10.2
23ELAC046	0	1	1	181.0	4.1	2.1	1.8	6.1	0.7	119.0	0.4	66.4	19.2	8.8	0.7	0.3	22.5	2.4	435.4	4.1
23ELAC046	1	2	1	147.6	3.2	1.8	1.3	4.1	0.6	96.3	0.3	47.8	14.5	6.3	0.5	0.3	20.1	2.3	347.1	5.7
23ELAC046	2	3	1	227.8	5.0	2.5	2.5	7.7	0.9	124.9	0.4	87.2	25.2	12.3	0.9	0.4	27.9	2.6	528.2	7.9
23ELAC046	3	4	1	188.6	4.4	2.4	2.0	6.3	0.8	95.5	0.4	65.6	18.8	9.4	0.8	0.4	27.6	2.8	425.7	5.7

Hole ID	From (m)	To (m)	Interval (m)	Ce_2O_3 (ppm)	Dy_2O_3 (ppm)	Er_2O_3 (ppm)	Eu_2O_3 (ppm)	Gd_2O_3 (ppm)	Ho_2O_3 (ppm)	La_2O_3 (ppm)	Lu_2O_3 (ppm)	Nd_2O_3 (ppm)	Pr_2O_3 (ppm)	Sm_2O_3 (ppm)	Tb_2O_3 (ppm)	Tm_2O_3 (ppm)	Y_2O_3 (ppm)	Yb_2O_3 (ppm)	TREO (ppm)	Sc_2O_3 (ppm)
23ELAC046	4	5	1	240.1	5.3	3.1	2.5	8.0	1.0	133.7	0.5	82.3	23.9	11.6	0.9	0.5	37.5	3.1	553.9	4.7
23ELAC046	5	6	1	229.0	4.5	2.5	2.3	6.8	0.8	122.6	0.4	81.6	24.3	11.2	0.8	0.4	30.6	2.6	520.5	5.3
23ELAC046	6	7	1	663.0	15.7	7.0	8.6	25.1	2.6	269.7	0.8	278.8	77.6	40.5	2.9	0.9	85.2	5.9	1484.3	5.9
23ELAC046	7	8	1	460.3	11.3	5.2	6.2	18.2	1.9	227.5	0.6	194.8	56.6	29.0	2.1	0.7	64.8	4.5	1083.8	4.9
23ELAC046	8	9	1	298.7	9.5	4.4	3.6	12.4	1.6	142.5	0.5	118.4	32.4	18.2	1.6	0.6	52.4	4.0	700.7	8.0
23ELAC047	0	1	1	84.6	2.7	1.6	1.0	3.3	0.5	66.6	0.2	28.5	8.4	4.3	0.4	0.2	17.2	1.7	221.3	9.0
23ELAC047	1	2	1	36.2	1.9	1.2	0.5	2.2	0.4	23.2	0.2	15.4	4.2	2.5	0.3	0.2	12.9	1.3	102.7	13.4
23ELAC047	2	3	1	42.6	2.0	1.3	0.6	2.2	0.4	35.2	0.2	14.2	4.2	2.5	0.3	0.2	13.6	1.5	121.0	9.5
23ELAC047	3	4	1	111.7	2.7	1.6	1.0	3.5	0.6	76.6	0.3	32.9	9.8	4.8	0.5	0.2	16.4	1.7	264.3	7.9
23ELAC047	4	5	1	338.5	6.8	3.4	3.1	10.7	1.2	161.8	0.5	111.7	33.1	15.9	1.3	0.5	34.0	3.2	725.8	10.3
23ELAC047	5	6	1	394.7	6.2	2.9	3.4	10.7	1.1	179.4	0.4	124.2	37.4	17.7	1.3	0.4	30.6	2.5	813.0	7.5
23ELAC047	6	7	1	277.6	4.4	2.0	2.3	7.3	0.8	130.8	0.3	88.2	26.6	12.5	0.9	0.3	21.9	1.9	577.6	6.5
23ELAC047	7	8	1	448.6	6.1	2.4	4.0	11.8	1.0	193.5	0.3	149.9	44.8	21.6	1.3	0.3	28.3	1.9	915.8	7.8
23ELAC047	8	9	1	345.5	7.0	2.9	4.2	11.1	1.1	152.5	0.4	134.1	39.2	19.9	1.3	0.4	31.7	2.6	753.9	9.5
23ELAC047	9	10	1	456.8	8.8	3.8	4.8	15.8	1.5	195.9	0.4	158.6	45.2	24.6	1.8	0.5	42.0	2.8	963.3	9.4
23ELAC047	10	11	1	624.3	13.5	5.3	7.3	25.6	2.3	281.5	0.4	228.0	65.3	34.0	2.9	0.6	69.5	3.2	1363.6	7.8
23ELAC047	11	12	1	434.6	10.4	4.3	5.4	19.0	1.8	224.6	0.5	160.4	43.9	24.5	2.1	0.5	55.9	3.2	991.0	9.7
23ELAC047	12	13	1	236.6	4.6	1.7	2.6	7.8	0.7	111.2	0.1	79.2	22.0	12.2	0.9	0.2	19.6	1.2	500.6	5.5
23ELAC047	13	14	1	173.4	3.7	1.5	2.0	5.9	0.6	91.6	0.2	60.8	16.9	8.9	0.7	0.2	17.7	1.2	384.9	5.1
23ELAC047	14	15	1	500.1	15.2	6.4	8.0	25.0	2.4	246.3	0.7	219.3	62.5	35.0	2.9	0.8	82.8	5.0	1212.5	9.7
23ELAC047	15	16	1	294.0	8.7	3.8	4.8	14.2	1.4	154.2	0.4	131.2	35.7	21.3	1.6	0.5	49.5	3.2	724.6	6.7
23ELAC047	16	17	1	383.0	10.0	4.8	6.1	16.9	1.7	178.9	0.6	168.5	45.8	26.3	1.9	0.7	57.7	4.2	906.9	6.5
23ELAC047	17	18	1	127.7	3.2	1.5	1.8	5.2	0.5	70.5	0.2	53.4	14.9	7.9	0.6	0.2	18.8	1.4	307.7	2.4
23ELAC047	18	19	1	51.4	1.6	0.8	0.8	2.1	0.3	24.2	0.1	20.7	5.8	3.2	0.3	0.1	10.1	0.9	122.4	2.4
23ELAC047	19	20	1	369.0	9.5	3.9	6.8	17.5	1.5	176.5	0.5	174.4	46.8	27.8	1.8	0.5	52.1	3.2	891.9	4.2
23ELAC047	20	21	1	456.8	10.3	4.1	8.1	20.3	1.6	201.7	0.4	213.5	59.9	33.6	2.1	0.5	54.4	3.3	1070.7	4.7
23ELAC047	21	22	1	390.0	8.0	3.3	6.2	15.5	1.2	181.2	0.4	173.2	49.3	26.3	1.6	0.4	40.4	2.7	899.6	4.1
23ELAC047	22	23	1	223.1	3.8	1.7	1.9	6.1	0.6	132.5	0.2	75.3	23.4	10.2	0.7	0.2	20.9	1.6	502.4	3.3
23ELAC047	23	24	1	88.0	1.7	0.9	0.9	2.4	0.3	61.0	0.1	27.6	8.6	3.7	0.3	0.1	10.9	1.0	207.6	1.9
23ELAC047	24	25	1	155.8	4.8	2.1	2.2	7.2	0.8	88.2	0.2	62.3	17.3	9.7	0.9	0.3	26.3	1.7	379.7	3.3
23ELAC047	25	26	1	39.9	1.2	0.7	0.6	1.6	0.2	23.4	0.1	15.2	4.5	2.2	0.2	0.1	8.1	0.7	98.9	1.8
23ELAC047	26	27	1	64.1	1.1	0.6	0.6	1.5	0.2	35.7	0.1	19.1	6.1	2.4	0.2	0.1	7.6	0.6	140.1	1.9
23ELAC047	27	28	1	177.5	2.3	1.2	1.1	3.6	0.4	107.2	0.2	54.2	17.6	6.5	0.4	0.2	16.1	1.1	389.4	4.0
23ELAC047	28	29	1	110.2	1.9	0.9	0.9	3.4	0.3	63.2	0.1	35.8	11.0	5.5	0.4	0.1	11.7	0.8	246.2	3.4
23ELAC047	29	30	1	93.6	2.4	1.2	0.8	3.5	0.5	45.9	0.2	31.3	9.4	5.2	0.4	0.2	14.9	1.3	210.6	7.2
23ELAC047	30	31	1	80.0	1.5	0.8	0.7	2.5	0.3	40.9	0.1	25.9	8.0	3.9	0.3	0.1	9.7	0.8	175.5	3.4
23ELAC047	31	32	1	54.5	1.6	0.8	0.7	2.2	0.3	27.7	0.1	18.7	5.6	3.3	0.3	0.1	9.7	0.8	126.3	5.8
23ELAC047	32	33	1	45.9	1.1	0.5	0.6	1.8	0.2	23.8	0.1	15.9	4.8	2.8	0.2	0.1	6.6	0.5	104.8	2.6
23ELAC047	33	34	1	69.8	1.5	0.7	0.7	2.4	0.3	34.9	0.1	23.0	7.0	3.8	0.3	0.1	9.4	0.7	154.8	3.1
23ELAC047	34	35	1	47.0	1.1	0.5	0.6	1.5	0.2	24.2	0.1	15.8	4.7	2.5	0.2	0.1	6.6	0.5	105.7	1.5
23ELAC047	35	36	1	41.1	1.4	0.7	0.6	2.0	0.3	20.7	0.1	15.2	4.4	2.7	0.2	0.1	9.2	0.8	99.6	2.5
23ELAC048	10	11	1	23.9	0.8	0.5	0.2	0.8	0.2	20.6	0.1	5.3	1.9	1.0	0.1	0.1	4.2	0.6	60.2	3.0
23ELAC048	11	12	1	23.3	0.8	0.5	0.2	0.9	0.2	16.1	0.1	5.5	1.9	1.1	0.1	0.1	4.5	0.6	55.7	2.5
23ELAC048	12	13	1	29.2	0.8	0.5	0.2	0.8	0.2	23.0	0.1	6.7	2.4	1.1	0.1	0.1	4.5	0.6	70.4	2.9
23ELAC048	13	14	1	52.9	1.0	0.6	0.3	1.2	0.2	37.1	0.1	12.2	4.4	1.9	0.2	0.1	5.8	0.8	118.8	3.1
23ELAC048	14	15	1	106.7	1.6	0.9	0.6	2.0	0.3	80.6	0.1	23.9	8.4	3.2	0.3	0.1	8.3	0.9	238.0	3.8
23ELAC048	15	16	1	132.4	2.0	1.0	0.8	2.9	0.4	93.6	0.1	31.7	11.0	4.3	0.4	0.1	10.4	1.1	292.2	3.5
23ELAC048	16	17	1	100.4	1.8	1.0	0.6	2.4	0.3	63.0	0.1	25.8	8.9	3.7	0.3	0.1	10.1	1.0	219.6	3.7
23ELAC048	17	18	1	101.7	1.7	0.9	0.7	2.2	0.3	62.3	0.1	26.7	9.2	3.8	0.3	0.1	9.2	0.9	220.2	3.7

Hole ID	From (m)	To (m)	Interval (m)	Ce_2O_3 (ppm)	Dy_2O_3 (ppm)	Er_2O_3 (ppm)	Eu_2O_3 (ppm)	Gd_2O_3 (ppm)	Ho_2O_3 (ppm)	La_2O_3 (ppm)	Lu_2O_3 (ppm)	Nd_2O_3 (ppm)	Pr_2O_3 (ppm)	Sm_2O_3 (ppm)	Tb_2O_3 (ppm)	Tm_2O_3 (ppm)	Y_2O_3 (ppm)	Yb_2O_3 (ppm)	TREO (ppm)	Sc_2O_3 (ppm)
23ELAC048	18	19	1	155.8	2.3	1.1	0.9	3.1	0.4	88.8	0.1	40.4	14.0	5.8	0.4	0.2	11.6	1.1	326.0	3.6
23ELAC048	19	20	1	158.1	2.6	1.2	1.0	3.5	0.5	86.0	0.2	42.1	14.3	5.9	0.4	0.2	12.0	1.2	329.1	3.6
23ELAC048	20	21	1	162.8	2.5	1.2	1.0	3.4	0.5	96.6	0.2	41.1	14.2	5.6	0.4	0.2	13.1	1.3	344.1	4.1
23ELAC048	21	22	1	153.4	2.2	1.1	0.8	3.0	0.4	82.6	0.1	36.9	13.1	5.1	0.4	0.2	12.7	1.1	313.2	3.3
23ELAC048	22	23	1	123.6	1.9	0.9	0.8	2.4	0.4	65.1	0.1	31.0	10.9	4.2	0.3	0.1	11.3	0.9	254.0	2.3
23ELAC048	23	24	1	227.8	3.3	1.4	1.7	5.0	0.6	110.1	0.2	66.0	21.9	9.3	0.6	0.2	16.1	1.2	465.5	3.1
23ELAC049	20	21	1	101.6	1.5	0.7	0.6	2.3	0.3	59.0	0.1	28.6	9.5	4.1	0.3	0.1	6.8	0.7	216.1	3.9
23ELAC049	21	22	1	242.5	3.0	1.4	1.2	4.7	0.5	134.9	0.2	70.5	23.8	9.1	0.6	0.2	13.6	1.4	507.4	6.6
23ELAC049	22	23	1	128.8	1.7	0.8	0.7	2.7	0.3	76.2	0.1	36.7	12.3	5.0	0.3	0.1	7.6	0.8	274.3	3.9
23ELAC049	23	24	1	124.2	1.7	0.8	0.7	2.6	0.3	73.8	0.1	35.0	11.8	4.8	0.3	0.1	7.5	0.9	264.4	3.6
23ELAC049	24	25	1	210.8	2.3	1.1	1.3	4.0	0.4	134.9	0.1	57.4	19.9	7.7	0.5	0.1	10.5	1.1	452.0	3.9
23ELAC049	25	26	1	170.4	2.1	1.0	1.0	3.2	0.4	107.0	0.1	44.7	15.6	6.4	0.4	0.1	9.3	1.0	362.7	3.8
23ELAC049	26	27	1	179.2	2.2	1.0	1.1	3.6	0.4	101.7	0.1	50.9	17.3	7.2	0.4	0.1	9.6	1.0	375.9	4.0
23ELAC049	27	28	1	188.0	2.5	1.2	1.4	4.1	0.4	108.7	0.2	54.0	18.2	7.6	0.5	0.2	11.6	1.1	399.7	3.2
23ELAC049	28	29	1	324.5	4.0	1.6	3.0	7.5	0.7	151.3	0.2	111.0	35.2	15.4	0.8	0.2	18.4	1.4	675.3	3.0
23ELAC049	29	30	1	420.5	4.5	1.8	3.3	8.6	0.8	231.6	0.2	130.6	42.7	17.5	0.9	0.2	21.3	1.5	886.2	2.7
23ELAC049	30	31	1	508.3	7.0	2.5	5.1	13.8	1.2	212.9	0.3	182.0	58.9	26.8	1.4	0.3	32.4	1.9	1054.6	2.6
23ELAC049	31	32	1	120.6	1.9	0.9	1.0	2.8	0.4	69.9	0.1	35.1	11.6	5.0	0.3	0.1	11.6	0.9	262.2	2.2
23ELAC049	32	33	1	166.9	2.3	1.1	1.2	3.9	0.4	92.2	0.1	51.9	15.5	6.7	0.5	0.1	13.8	1.0	357.6	3.8
23ELAC050	10	11	1	33.7	0.9	0.5	0.3	1.1	0.2	28.9	0.1	8.5	2.8	1.4	0.2	0.1	5.5	0.7	84.7	4.8
23ELAC050	11	12	1	182.7	2.6	1.2	1.2	3.6	0.4	105.0	0.2	51.8	16.6	7.2	0.4	0.2	13.7	1.3	388.2	6.6
23ELAC050	12	13	1	271.7	3.0	1.5	1.5	4.8	0.5	157.2	0.2	78.1	24.2	9.6	0.5	0.2	16.8	1.5	571.5	5.9
23ELAC050	13	14	1	269.4	3.7	2.0	1.9	5.6	0.7	144.8	0.3	81.3	24.8	10.4	0.7	0.3	22.3	2.0	570.2	5.7
23ELAC050	14	15	1	418.2	6.0	2.9	3.0	9.7	1.1	215.2	0.4	134.7	41.9	16.5	1.1	0.4	39.2	2.7	892.9	5.9
23ELAC050	15	16	1	178.0	2.7	1.3	1.5	4.4	0.5	94.8	0.2	60.5	17.5	7.9	0.5	0.2	16.6	1.1	387.6	3.7
23ELAC050	16	17	1	281.1	2.7	1.2	1.6	4.7	0.5	163.0	0.2	84.4	26.0	9.3	0.5	0.1	17.1	1.0	593.5	4.2
23ELAC050	17	18	1	295.2	2.3	1.1	1.6	4.0	0.4	160.7	0.2	84.4	27.2	9.3	0.4	0.1	14.3	1.0	602.1	5.5
23ELAC050	18	19	1	231.3	2.0	0.9	1.4	3.7	0.3	134.9	0.1	71.4	22.1	8.1	0.4	0.1	11.7	0.8	489.4	3.5
23ELAC051	7	8	1	12.3	0.6	0.3	0.2	0.6	0.1	5.6	0.1	3.5	0.9	0.8	0.1	0.1	3.0	0.5	28.7	3.7
23ELAC051	8	9	1	18.0	0.7	0.4	0.2	0.7	0.1	10.1	0.1	5.2	1.5	1.0	0.1	0.1	3.8	0.5	42.6	4.0
23ELAC051	9	10	1	67.7	1.2	0.6	0.5	1.9	0.2	50.0	0.1	24.1	7.6	3.1	0.2	0.1	7.3	0.7	165.3	3.9
23ELAC051	10	11	1	97.2	1.4	0.7	0.6	2.3	0.3	64.5	0.1	29.5	9.3	3.9	0.3	0.1	8.5	0.7	219.5	4.5
23ELAC051	11	12	1	132.9	2.2	1.0	0.9	3.6	0.4	88.4	0.1	44.4	13.5	6.2	0.4	0.1	10.8	0.9	306.1	4.8
23ELAC051	12	13	1	193.9	3.8	1.9	1.5	5.4	0.7	103.4	0.2	60.4	18.5	8.5	0.7	0.2	20.2	1.5	420.8	5.1
23ELAC051	13	14	1	415.8	6.1	2.7	2.7	9.4	1.0	201.1	0.3	120.7	37.1	16.6	1.1	0.3	29.6	2.3	847.0	3.5
23ELAC051	14	15	1	453.3	5.1	2.3	2.5	7.9	0.9	184.1	0.3	119.6	37.6	15.6	0.9	0.3	25.9	2.2	858.4	2.9
23ELAC051	15	16	1	338.5	8.8	3.4	4.4	16.6	1.4	375.3	0.3	237.9	73.3	29.5	1.8	0.4	50.3	2.2	1144.0	2.5
23ELAC051	16	17	1	149.9	3.7	1.8	1.7	6.6	0.7	158.3	0.2	79.3	23.8	10.1	0.7	0.2	28.7	1.3	466.9	2.0
23ELAC052	10	11	1	46.4	2.0	0.9	0.7	2.4	0.3	22.2	0.1	16.9	4.5	3.0	0.3	0.1	9.9	0.9	110.7	3.5
23ELAC052	11	12	1	32.3	1.6	0.9	0.5	1.9	0.3	17.0	0.1	11.4	3.1	2.1	0.3	0.1	9.1	0.9	81.6	3.5
23ELAC052	12	13	1	59.6	2.9	1.5	0.9	3.5	0.5	26.5	0.2	21.8	5.6	4.2	0.5	0.2	16.8	1.4	146.1	4.2
23ELAC052	13	14	1	23.4	1.8	1.1	0.4	1.8	0.4	11.3	0.2	7.6	2.0	1.9	0.3	0.2	11.8	1.2	65.5	4.9
23ELAC052	14	15	1	94.9	1.5	0.8	0.5	1.9	0.3	29.1	0.1	18.4	5.3	3.0	0.3	0.1	8.2	0.8	165.0	3.3
23ELAC052	15	16	1	124.2	1.8	1.0	0.6	2.5	0.3	48.3	0.1	25.9	7.9	3.7	0.3	0.1	9.8	1.1	227.6	3.3
23ELAC052	16	17	1	304.5	3.2	1.6	1.7	5.0	0.6	108.8	0.2	57.7	17.1	7.9	0.6	0.2	21.1	1.3	531.8	3.4
23ELAC052	17	18	1	415.8	3.6	1.8	2.3	6.0	0.6	148.9	0.2	87.6	26.9	11.2	0.7	0.2	23.6	1.4	730.9	3.1
23ELAC052	18	19	1	815.2	5.9	2.5	5.0	11.9	0.9	328.4	0.3	234.4	78.1	27.4	1.2	0.3	32.4	2.0	1546.0	3.3
23ELAC052	19	20	1	1034.3	7.9	3.4	7.5	16.0	1.3	504.3	0.4	372.1	118.2	41.4	1.6	0.4	38.9	2.6	2150.0	3.6
23ELAC052	20	21	1	619.6	9.0	3.9	6.5	17.1	1.5	469.1	0.4	263.6	77.7	30.7	1.8	0.5	50.2	2.9	1554.6	2.6

Hole ID	From (m)	To (m)	Interval (m)	Ce_2O_3 (ppm)	Dy_2O_3 (ppm)	Er_2O_3 (ppm)	Eu_2O_3 (ppm)	Gd_2O_3 (ppm)	Ho_2O_3 (ppm)	La_2O_3 (ppm)	Lu_2O_3 (ppm)	Nd_2O_3 (ppm)	Pr_2O_3 (ppm)	Sm_2O_3 (ppm)	Tb_2O_3 (ppm)	Tm_2O_3 (ppm)	Y_2O_3 (ppm)	Yb_2O_3 (ppm)	TREO (ppm)	Sc_2O_3 (ppm)
23ELAC053	8	12	4	66.9	1.3	0.7	0.6	1.9	0.2	41.5	0.1	18.8	6.2	2.7	0.2	0.1	7.3	0.7	149.1	3.9
23ELAC054	4	8	4	6.2	1.0	0.7	0.2	0.9	0.2	2.7	0.1	3.3	0.7	0.8	0.2	0.1	5.5	0.8	23.4	7.8
23ELAC055	4	8	4	10.0	0.9	0.6	0.2	0.8	0.2	4.9	0.1	4.0	1.0	0.9	0.2	0.1	5.3	0.7	30.0	12.2
23ELAC056	28	31	3	103.7	2.9	1.6	1.3	4.0	0.6	56.6	0.2	36.3	10.7	5.4	0.5	0.2	16.3	1.5	241.8	10.4
23ELAC057	10	11	1	87.1	2.0	0.8	1.0	3.2	0.3	50.1	0.1	32.5	9.1	4.8	0.4	0.1	7.3	0.6	199.4	7.6
23ELAC057	11	12	1	62.8	1.0	0.4	0.4	1.4	0.2	41.4	0.1	18.8	6.3	2.5	0.2	0.1	4.6	0.4	140.4	6.5
23ELAC057	12	13	1	55.4	0.8	0.4	0.4	1.2	0.1	43.0	0.1	17.2	5.9	2.0	0.2	0.1	3.6	0.3	130.7	7.7
23ELAC057	13	14	1	16.9	1.0	0.6	0.3	1.0	0.2	11.7	0.1	6.9	1.9	1.2	0.2	0.1	5.0	0.7	47.8	10.0
23ELAC057	14	15	1	15.2	0.7	0.4	0.2	0.7	0.1	9.2	0.1	6.1	1.7	1.0	0.1	0.1	2.9	0.5	38.9	14.4
23ELAC057	15	16	1	8.6	0.4	0.2	0.1	0.4	0.1	7.8	0.0	3.0	0.9	0.6	0.1	0.0	1.5	0.3	24.2	20.3
23ELAC057	16	17	1	20.8	0.9	0.4	0.4	1.1	0.2	20.6	0.1	8.4	2.4	1.6	0.2	0.1	2.6	0.5	60.3	26.0
23ELAC057	17	18	1	92.2	1.9	0.9	0.8	2.5	0.3	116.1	0.1	28.2	9.7	3.7	0.3	0.1	7.7	0.8	265.4	14.9
23ELAC057	18	19	1	358.4	5.9	2.6	2.9	9.4	0.9	234.0	0.3	115.8	35.0	15.6	1.1	0.3	25.5	2.1	809.8	14.4
23ELAC057	19	20	1	279.9	5.0	2.2	2.9	8.4	0.8	304.9	0.3	136.5	46.1	17.1	1.0	0.3	20.9	2.0	828.3	14.6
23ELAC057	20	21	1	276.4	6.2	2.7	3.6	10.6	1.0	258.0	0.3	162.1	51.5	21.0	1.2	0.3	25.0	2.3	822.1	14.4
23ELAC057	21	22	1	301.0	5.0	2.1	3.1	8.3	0.8	212.3	0.2	142.9	42.7	17.7	0.9	0.3	21.0	1.9	760.1	12.2
23ELAC057	22	23	1	460.3	8.0	3.3	4.8	14.2	1.2	293.2	0.3	211.1	63.8	28.1	1.6	0.4	34.2	2.8	1127.3	16.0
23ELAC057	23	24	1	541.1	9.3	4.0	6.3	16.5	1.5	269.7	0.4	253.1	71.9	34.1	1.8	0.5	39.9	3.4	1253.5	17.9
23ELAC057	24	25	1	484.9	7.8	3.3	4.7	13.1	1.2	258.0	0.4	203.5	61.2	27.1	1.5	0.4	34.9	2.9	1105.1	17.5
23ELAC057	25	26	1	547.0	7.9	3.7	5.0	12.8	1.3	281.5	0.5	212.3	64.5	28.4	1.5	0.5	36.4	3.8	1207.0	13.2
23ELAC057	26	27	1	535.3	7.8	3.5	5.1	13.3	1.2	247.5	0.4	207.0	61.4	28.8	1.5	0.5	32.4	3.3	1148.9	11.5
23ELAC057	27	28	1	407.6	7.2	3.4	4.2	11.2	1.1	205.2	0.4	162.7	47.7	22.8	1.3	0.5	29.3	3.3	908.1	9.0
23ELAC057	28	29	1	392.4	8.0	3.8	4.1	12.4	1.3	207.6	0.5	152.2	42.5	21.4	1.5	0.5	35.3	3.3	886.7	10.8
23ELAC057	29	30	1	281.1	6.0	3.4	2.7	8.2	1.1	158.3	0.4	98.3	28.1	13.6	1.0	0.5	36.6	3.0	642.4	7.7
23ELAC057	30	31	1	305.7	6.4	3.4	3.1	9.1	1.2	164.8	0.5	110.8	31.5	15.2	1.1	0.5	38.1	3.2	694.6	8.7
23ELAC057	31	32	1	214.3	4.2	2.3	2.1	6.2	0.8	122.6	0.3	78.4	21.9	10.9	0.7	0.3	25.0	2.0	492.0	8.4
23ELAC057	32	33	1	240.1	4.4	2.5	2.2	6.7	0.8	134.3	0.4	84.8	24.3	11.8	0.8	0.4	27.9	2.4	543.9	7.6
23ELAC057	33	34	1	127.7	2.2	1.2	1.3	3.4	0.4	71.1	0.2	46.0	12.8	6.3	0.4	0.2	13.3	1.1	287.4	3.8
23ELAC058	5	6	1	21.2	0.8	0.6	0.3	1.0	0.2	16.0	0.1	9.3	2.7	1.4	0.1	0.1	5.5	0.6	59.8	11.4
23ELAC058	6	7	1	29.9	1.4	0.9	0.4	1.3	0.3	23.9	0.1	11.7	3.6	2.0	0.2	0.1	8.2	1.0	84.9	11.5
23ELAC058	7	8	1	101.9	1.6	0.9	0.7	2.2	0.3	59.0	0.1	30.8	9.7	4.0	0.3	0.1	9.2	1.0	221.9	9.9
23ELAC058	8	9	1	191.5	1.8	1.1	0.8	2.5	0.3	74.8	0.2	40.1	12.4	5.0	0.3	0.2	10.8	1.1	343.0	8.5
23ELAC058	9	10	1	335.0	2.7	1.4	1.4	4.1	0.5	140.7	0.2	64.7	20.8	8.0	0.5	0.2	14.5	1.5	596.2	7.1
23ELAC058	10	11	1	406.4	3.2	1.7	1.5	4.8	0.6	124.3	0.2	72.6	22.2	9.1	0.6	0.2	17.4	1.7	666.7	7.4
23ELAC058	11	12	1	337.3	3.4	1.6	1.7	5.5	0.6	130.8	0.2	89.1	26.9	11.7	0.6	0.2	18.2	1.6	629.4	9.6
23ELAC058	12	13	1	486.1	15.3	5.7	10.2	31.8	2.3	586.4	0.4	521.4	148.6	65.3	3.3	0.6	68.1	3.5	1948.9	13.7
23ELAC058	13	14	1	310.4	4.6	1.9	2.5	8.2	0.7	154.8	0.2	114.5	31.7	15.3	0.9	0.2	24.0	1.3	671.2	14.2
23ELAC058	14	15	1	614.9	12.3	4.8	6.7	22.8	1.9	375.3	0.4	318.4	87.5	40.1	2.4	0.6	61.5	3.3	1552.9	10.7
23ELAC058	15	16	1	723.9	8.5	4.1	4.3	14.2	1.4	281.5	0.5	203.5	61.0	26.8	1.6	0.5	49.1	3.2	1384.1	9.0
23ELAC058	16	17	1	434.6	10.2	4.6	5.3	17.7	1.6	258.0	0.4	229.2	63.7	30.8	1.9	0.5	51.9	3.3	1113.8	14.2
23ELAC058	17	18	1	241.3	8.8	4.2	4.2	14.6	1.5	213.4	0.4	173.2	48.1	23.5	1.6	0.5	48.3	3.1	786.7	14.9
23ELAC058	18	19	1	206.7	4.9	3.2	1.8	6.0	0.9	105.7	0.4	79.8	22.5	10.2	0.8	0.4	34.9	3.1	481.4	5.7
23ELAC058	19	20	1	165.7	6.4	3.4	3.2	9.8	1.1	159.5	0.4	146.4	41.1	18.7	1.2	0.4	38.6	3.2	599.0	7.3
23ELAC058	20	21	1	124.2	18.4	9.1	7.6	26.6	3.1	340.1	1.0	321.9	84.0	40.8	3.3	1.2	103.9	7.5	1092.7	4.0
23ELAC059	7	8	1	21.0	1.2	0.9	0.3	1.0	0.2	13.1	0.2	8.4	2.4	1.3	0.2	0.1	6.4	1.1	57.8	6.9
23ELAC059	8	9	1	18.4	1.0	0.7	0.2	0.8	0.2	11.0	0.1	6.5	1.9	1.1	0.1	0.1	5.0	0.8	48.0	5.3
23ELAC059	9	10	1	14.3	0.8	0.5	0.2	0.7	0.1	9.1	0.1	5.4	1.6	0.9	0.1	0.1	3.8	0.7	38.3	3.5
23ELAC059	10	11	1	17.2	0.9	0.6	0.2	0.7	0.2	11.8	0.1	5.9	1.8	0.9	0.1	0.1	4.4	0.7	45.7	3.6
23ELAC059	11	12	1	47.9	1.2	0.9	0.2	1.0	0.2	40.9	0.1	11.0	3.9	1.5	0.2	0.1	6.6	1.0	116.9	5.5

Hole ID	From (m)	To (m)	Interval (m)	Ce_2O_3 (ppm)	Dy_2O_3 (ppm)	Er_2O_3 (ppm)	Eu_2O_3 (ppm)	Gd_2O_3 (ppm)	Ho_2O_3 (ppm)	La_2O_3 (ppm)	Lu_2O_3 (ppm)	Nd_2O_3 (ppm)	Pr_2O_3 (ppm)	Sm_2O_3 (ppm)	Tb_2O_3 (ppm)	Tm_2O_3 (ppm)	Y_2O_3 (ppm)	Yb_2O_3 (ppm)	TREO (ppm)	Sc_2O_3 (ppm)
23ELAC059	12	13	1	49.2	1.2	0.8	0.2	1.0	0.2	38.9	0.1	10.5	3.8	1.5	0.2	0.1	6.0	1.0	114.9	6.6
23ELAC059	13	14	1	21.0	1.3	0.9	0.3	1.0	0.3	18.3	0.1	6.9	2.3	1.2	0.2	0.1	6.5	1.1	61.6	8.2
23ELAC059	14	15	1	18.1	1.1	0.8	0.2	0.8	0.2	6.7	0.1	3.5	1.0	0.9	0.2	0.1	5.7	1.0	40.3	8.8
23ELAC059	15	16	1	8.4	1.1	0.8	0.2	0.7	0.2	5.1	0.1	2.8	0.8	0.8	0.2	0.1	5.7	1.0	28.0	7.4
23ELAC059	16	17	1	192.1	2.5	1.3	1.0	3.1	0.4	61.3	0.2	46.5	13.7	6.1	0.4	0.2	10.9	1.4	341.1	6.5
23ELAC059	17	18	1	557.5	5.1	2.4	2.5	8.2	0.8	224.0	0.3	142.9	46.0	17.4	1.0	0.3	22.5	2.1	1033.1	7.9
23ELAC059	18	19	1	1028.4	10.1	4.1	5.4	16.8	1.5	375.3	0.4	338.3	103.8	39.1	2.0	0.6	37.8	3.7	1967.2	9.1
23ELAC059	19	20	1	996.8	11.3	4.7	5.9	19.7	1.8	398.8	0.4	349.9	104.6	40.2	2.3	0.6	47.6	3.7	1988.3	7.3
23ELAC059	20	21	1	788.3	8.5	3.7	4.6	14.3	1.3	316.7	0.4	285.8	85.4	32.6	1.7	0.5	35.9	3.1	1582.6	7.7
23ELAC059	21	22	1	530.6	6.4	2.9	3.3	10.5	1.0	225.8	0.3	184.9	58.9	22.3	1.3	0.4	31.1	2.4	1082.0	5.8
23ELAC059	22	23	1	1047.1	11.5	4.4	6.9	21.2	1.7	433.9	0.4	405.9	115.4	46.7	2.4	0.5	47.6	3.3	2149.1	6.3
23ELAC059	23	24	1	723.9	9.6	3.9	5.3	17.8	1.5	340.1	0.3	286.9	84.0	33.6	2.0	0.5	45.7	2.9	1558.2	4.6
23ELAC059	24	25	1	202.6	3.1	1.4	1.5	4.9	0.5	102.0	0.2	71.4	21.0	9.2	0.6	0.2	15.6	1.3	435.5	3.7
23ELAC059	25	26	1	390.0	5.2	2.1	2.9	9.5	0.8	171.2	0.2	144.6	41.9	18.6	1.1	0.3	23.6	1.7	813.8	3.6
23ELAC059	26	27	1	195.6	3.6	1.5	1.7	5.5	0.6	98.9	0.2	77.0	21.7	10.2	0.7	0.2	17.0	1.3	435.6	2.4
23ELAC059	27	28	1	310.4	4.6	2.2	2.2	7.3	0.7	159.5	0.3	108.7	32.1	13.6	0.9	0.3	25.1	1.9	669.7	4.4
23ELAC059	28	29	1	339.7	4.8	2.4	2.2	7.5	0.8	173.0	0.3	115.4	34.1	14.0	0.9	0.3	25.8	2.0	723.1	4.3
23ELAC059	29	30	1	303.4	4.4	2.1	2.0	6.7	0.7	150.7	0.2	103.5	30.9	12.9	0.9	0.3	22.6	1.8	643.0	4.0
23ELAC059	30	31	1	290.5	4.0	2.0	1.9	6.5	0.7	141.9	0.2	100.7	29.6	12.5	0.8	0.3	20.7	1.7	614.0	3.5
23ELAC059	31	32	1	309.2	4.7	2.2	2.1	7.4	0.8	152.5	0.3	112.1	32.4	13.9	0.9	0.3	23.7	1.9	664.5	3.8
23ELAC059	32	33	1	274.1	3.8	1.9	1.7	6.1	0.6	142.5	0.2	91.7	27.3	11.3	0.7	0.2	20.0	1.7	583.8	3.5
23ELAC059	33	34	1	215.5	3.1	1.5	1.5	4.8	0.5	117.9	0.2	72.6	21.7	8.9	0.6	0.2	16.5	1.4	466.7	3.5
23ELAC059	34	35	1	308.1	4.1	2.1	1.9	6.4	0.7	154.8	0.3	103.6	31.0	12.3	0.8	0.3	22.0	1.9	650.3	4.3
23ELAC059	35	36	1	685.2	18.1	9.2	6.8	25.5	3.2	316.7	0.9	284.6	79.0	36.8	3.2	1.1	116.2	6.9	1593.3	5.4
23ELAC060	0	1	1	31.7	1.6	0.9	0.4	1.6	0.3	17.5	0.1	12.5	3.5	2.1	0.2	0.1	8.1	1.0	81.6	17.7
23ELAC060	1	2	1	17.0	1.0	0.6	0.3	1.0	0.2	9.6	0.1	7.0	1.8	1.3	0.2	0.1	5.7	0.7	46.6	7.8
23ELAC060	2	3	1	39.2	1.5	0.9	0.4	1.6	0.3	22.2	0.1	14.4	4.2	2.2	0.2	0.1	8.5	1.0	97.0	13.3
23ELAC060	3	4	1	20.8	0.9	0.6	0.2	0.9	0.2	12.2	0.1	7.6	2.2	1.3	0.1	0.1	4.8	0.7	52.6	8.6
23ELAC060	4	5	1	26.2	1.0	0.6	0.3	1.2	0.2	14.4	0.1	8.8	2.4	1.4	0.2	0.1	6.5	0.7	64.2	9.0
23ELAC060	5	6	1	53.2	1.7	0.9	0.7	2.2	0.3	46.1	0.2	18.0	5.2	3.0	0.3	0.1	13.0	1.2	146.0	13.9
23ELAC060	6	7	1	57.3	1.7	0.9	0.7	2.2	0.3	58.4	0.2	19.2	6.2	3.0	0.3	0.1	11.1	1.1	162.6	15.4
23ELAC060	7	8	1	43.1	1.2	0.5	0.6	1.8	0.2	46.2	0.1	16.7	5.5	2.4	0.2	0.1	5.1	0.6	124.3	8.1
23ELAC060	8	9	1	29.4	0.9	0.4	0.3	1.3	0.2	32.8	0.1	11.3	3.7	1.7	0.2	0.1	4.4	0.5	87.3	5.4
23ELAC060	9	10	1	49.8	1.6	0.8	0.6	2.2	0.3	53.1	0.2	18.1	5.9	2.8	0.3	0.1	7.5	0.9	144.1	8.3
23ELAC060	10	11	1	63.5	1.7	0.8	0.8	2.5	0.3	67.1	0.1	24.8	8.0	3.4	0.3	0.1	7.7	0.9	182.0	12.0
23ELAC060	11	12	1	57.7	1.7	0.8	0.8	2.4	0.3	59.5	0.1	22.8	7.2	3.4	0.3	0.1	8.1	1.0	166.1	12.3
23ELAC060	12	13	1	98.4	2.5	1.1	1.0	3.3	0.5	95.6	0.2	32.7	11.1	4.4	0.4	0.2	11.6	1.4	264.2	11.2
23ELAC060	13	14	1	95.9	4.3	2.6	1.0	4.1	0.9	90.2	0.5	29.4	10.2	4.7	0.7	0.5	23.7	3.6	272.2	12.6
23ELAC060	14	15	1	63.1	1.9	1.0	0.6	2.2	0.4	62.2	0.2	19.8	6.9	2.7	0.3	0.2	9.7	1.3	172.3	6.4
23ELAC060	15	16	1	51.1	1.2	0.6	0.4	1.5	0.2	46.7	0.1	15.7	5.3	2.1	0.2	0.1	5.8	0.7	131.5	4.6
23ELAC060	16	17	1	36.9	1.1	0.6	0.3	1.2	0.2	31.8	0.1	10.4	3.4	1.6	0.2	0.1	5.8	0.7	94.4	5.1
23ELAC060	17	18	1	32.8	1.2	0.6	0.4	1.3	0.2	29.8	0.1	10.6	3.5	1.6	0.2	0.1	6.7	0.8	90.0	4.7
23ELAC060	18	19	1	46.9	1.2	0.6	0.4	1.6	0.2	43.5	0.1	14.7	4.8	2.2	0.2	0.1	6.6	0.8	124.1	5.4
23ELAC060	19	20	1	163.4	3.5	1.6	1.1	4.6	0.6	117.2	0.3	48.8	15.4	6.7	0.6	0.3	17.7	1.8	383.5	6.8
23ELAC060	20	21	1	220.2	4.4	2.0	1.4	5.5	0.8	134.3	0.3	65.4	20.7	8.6	0.7	0.3	22.5	2.1	489.3	6.3
23ELAC060	21	22	1	265.9	5.7	2.8	2.0	7.9	1.1	139.0	0.3	86.3	26.2	12.0	1.0	0.4	33.1	2.6	586.3	5.2
23ELAC060	22	23	1	817.6	11.2	4.9	4.9	18.0	2.1	293.2	0.5	223.4	66.5	29.0	2.1	0.7	57.0	4.1	1535.1	6.2
23ELAC060	23	24	1	1075.3	18.7	7.8	8.0	30.7	3.4	480.8	0.8	365.1	102.4	46.4	3.5	1.0	103.4	6.0	2253.2	4.3
23ELAC060	24	25	1	4966.3	42.8	14.2	26.4	86.3	6.9	1618.5	1.2	1236.4	378.0	164.7	9.0	1.7	189.9	9.5	8751.8	4.2

Hole ID	From (m)	To (m)	Interval (m)	Ce_2O_3 (ppm)	Dy_2O_3 (ppm)	Er_2O_3 (ppm)	Eu_2O_3 (ppm)	Gd_2O_3 (ppm)	Ho_2O_3 (ppm)	La_2O_3 (ppm)	Lu_2O_3 (ppm)	Nd_2O_3 (ppm)	Pr_2O_3 (ppm)	Sm_2O_3 (ppm)	Tb_2O_3 (ppm)	Tm_2O_3 (ppm)	Y_2O_3 (ppm)	Yb_2O_3 (ppm)	TREO (ppm)	Sc_2O_3 (ppm)
23ELAC060	25	26	1	523.6	6.7	3.2	3.0	11.4	1.3	246.3	0.4	150.5	46.3	18.9	1.3	0.4	45.8	2.5	1061.5	3.9
23ELAC060	26	27	1	309.2	3.6	1.8	1.8	5.8	0.7	144.3	0.3	86.3	26.3	10.7	0.7	0.2	22.5	1.6	615.9	3.3
23ELAC060	27	28	1	227.2	2.5	1.2	1.2	4.1	0.5	129.0	0.2	60.4	19.8	7.1	0.5	0.2	16.1	1.1	471.1	2.6
23ELAC060	28	29	1	200.9	2.1	1.0	1.0	3.4	0.4	115.9	0.2	53.8	17.7	6.0	0.4	0.2	13.2	1.1	417.0	2.8
23ELAC060	29	30	1	258.9	3.6	1.7	1.5	5.5	0.7	149.5	0.2	72.3	23.2	9.0	0.7	0.2	22.0	1.4	550.4	2.7
23ELAC060	30	31	1	222.5	2.4	1.2	1.2	4.2	0.5	123.1	0.2	63.0	20.2	7.4	0.5	0.2	14.7	1.1	462.5	2.8
23ELAC060	31	32	1	212.6	2.2	1.1	1.1	3.8	0.4	130.2	0.2	60.4	19.8	6.8	0.4	0.2	13.5	1.2	453.9	3.0
23ELAC061	30	31	1	65.1	4.5	2.5	1.3	5.1	1.0	33.1	0.4	27.9	6.9	5.3	0.7	0.4	30.6	2.5	187.2	17.1
23ELAC061	31	32	1	53.6	3.7	2.1	1.0	4.0	0.8	28.6	0.3	21.8	5.5	4.0	0.6	0.3	24.4	2.1	152.9	16.4
23ELAC061	32	33	1	64.9	4.4	2.3	1.4	5.4	0.9	36.6	0.3	27.9	6.9	5.5	0.7	0.3	26.4	2.1	186.0	17.3
23ELAC061	33	34	1	57.3	3.0	1.6	0.9	3.5	0.6	31.8	0.2	21.2	5.9	3.7	0.5	0.2	18.6	1.6	150.6	17.3
23ELAC061	34	35	1	55.6	3.1	1.7	1.0	3.7	0.7	29.0	0.3	21.8	5.8	4.0	0.5	0.2	18.0	1.7	146.9	18.9
23ELAC061	35	36	1	58.2	2.9	1.5	0.9	3.5	0.6	30.1	0.2	22.0	5.8	3.9	0.5	0.2	17.2	1.5	149.1	17.7
23ELAC061	36	37	1	49.7	2.4	1.3	0.8	2.8	0.5	26.4	0.2	17.7	4.8	3.2	0.4	0.2	14.3	1.3	125.9	15.1
23ELAC062	48	51	3	54.2	2.7	1.6	1.0	3.4	0.6	30.1	0.2	21.3	6.0	3.8	0.5	0.2	15.8	1.6	143.1	14.8
23ELAC063	20	23	3	57.7	2.0	1.2	0.6	2.0	0.4	26.6	0.2	13.8	4.6	2.4	0.3	0.2	11.0	1.3	124.4	12.4
23ELAC064	9	10	1	11.6	2.0	1.2	0.5	1.7	0.4	8.1	0.2	7.0	1.8	1.5	0.3	0.2	12.8	1.2	50.4	47.5
23ELAC064	10	11	1	20.0	2.7	2.2	0.5	1.6	0.6	11.9	0.5	7.9	2.2	1.6	0.3	0.4	20.4	3.2	75.9	50.2
23ELAC064	11	12	1	40.1	1.8	0.9	0.7	1.9	0.3	26.3	0.1	17.2	5.1	2.5	0.3	0.1	10.1	0.8	108.2	73.2
23ELAC064	12	13	1	427.5	13.7	4.7	6.1	17.5	2.0	269.7	0.4	166.2	50.8	23.7	2.3	0.6	55.6	3.1	1043.8	79.8
23ELAC064	13	14	1	88.9	4.5	1.8	1.7	5.1	0.7	68.4	0.2	42.6	12.2	6.3	0.7	0.2	18.6	1.4	253.3	55.7
23ELAC064	14	15	1	419.3	18.2	6.0	7.2	22.8	2.7	328.4	0.4	198.9	59.2	28.1	3.1	0.8	67.7	4.0	1166.8	66.0
23ELAC064	15	16	1	66.9	3.4	1.6	0.9	3.2	0.6	30.0	0.2	20.0	5.5	3.5	0.5	0.2	16.7	1.5	154.6	87.9
23ELAC064	16	17	1	116.9	5.5	2.2	2.1	6.5	0.9	92.8	0.2	56.8	16.6	8.2	0.9	0.3	22.9	1.8	334.4	84.8
23ELAC064	17	18	1	168.1	7.8	3.1	2.8	9.0	1.3	117.9	0.3	71.2	20.3	10.5	1.2	0.4	33.1	2.4	449.2	80.4
23ELAC064	18	19	1	158.1	5.8	2.8	1.6	5.3	1.0	40.1	0.4	29.9	8.4	5.9	0.9	0.4	28.6	2.6	291.8	70.9
23ELAC064	19	20	1	276.4	8.4	4.1	2.2	6.8	1.4	52.0	0.5	39.8	11.4	7.7	1.2	0.6	36.8	3.7	452.8	66.9
23ELAC064	20	21	1	925.3	17.4	8.8	3.8	12.2	3.0	73.8	1.0	56.7	15.9	12.4	2.3	1.3	73.5	8.3	1216.0	69.0
23ELAC064	21	22	1	508.3	11.1	5.6	2.5	8.1	1.9	51.8	0.7	40.5	11.5	8.4	1.5	0.9	50.2	5.3	708.3	47.5
23ELAC064	22	23	1	173.4	6.8	3.3	2.3	6.8	1.2	81.0	0.5	53.0	15.4	8.6	1.0	0.5	35.6	3.2	392.5	13.5
23ELAC064	23	24	1	94.5	5.9	3.1	2.2	6.4	1.1	96.2	0.4	58.1	17.4	8.6	0.9	0.5	33.5	3.1	331.9	14.2
23ELAC064	24	25	1	152.3	7.2	3.4	2.3	7.3	1.2	85.7	0.5	55.4	16.3	8.9	1.1	0.5	35.3	3.3	380.7	35.9
23ELAC064	25	26	1	161.1	7.6	3.6	2.9	8.5	1.3	117.3	0.5	74.3	21.8	11.3	1.2	0.6	40.0	3.5	455.4	38.8
23ELAC064	26	27	1	24.6	3.7	2.1	1.0	3.1	0.7	23.2	0.3	16.7	4.4	3.1	0.5	0.3	21.5	2.1	107.4	67.6
23ELAC065	20	21	1	199.7	1.8	0.7	1.3	3.1	0.3	122.0	0.1	53.5	19.1	6.3	0.3	0.1	7.8	0.6	416.8	3.9
23ELAC065	21	22	1	388.9	3.6	1.2	2.9	7.5	0.5	234.0	0.1	119.6	39.3	14.0	0.8	0.2	16.6	1.0	830.2	4.7
23ELAC065	22	23	1	271.7	2.5	0.9	1.8	4.6	0.4	166.0	0.1	75.2	25.7	8.2	0.5	0.1	11.9	0.8	570.5	3.7
23ELAC065	23	24	1	214.3	2.4	1.0	1.5	4.2	0.4	154.8	0.1	59.3	19.8	6.8	0.4	0.1	12.5	0.8	478.5	4.2
23ELAC065	24	25	1	188.6	2.2	0.8	1.3	3.7	0.3	151.3	0.1	51.3	17.4	5.7	0.4	0.1	12.3	0.8	436.5	4.2
23ELAC065	25	26	1	144.7	1.8	0.8	1.1	2.8	0.3	104.4	0.1	41.2	13.5	4.6	0.3	0.1	10.1	0.7	326.3	3.1
23ELAC065	26	27	1	354.9	3.8	1.5	2.6	8.3	0.6	316.7	0.1	107.4	35.2	11.6	0.8	0.2	24.1	1.1	869.0	2.6
23ELAC065	27	28	1	175.1	2.2	1.0	1.4	3.8	0.4	115.9	0.1	51.7	16.9	6.0	0.4	0.1	12.4	0.8	388.1	2.8
23ELAC065	28	29	1	136.5	2.3	1.1	1.3	3.7	0.4	82.9	0.1	43.3	14.0	5.6	0.4	0.1	11.6	0.9	304.2	3.0
23ELAC065	29	30	1	140.0	2.7	1.2	1.4	4.5	0.5	84.0	0.1	46.2	14.5	6.1	0.5	0.2	13.6	1.0	316.4	2.8
23ELAC065	30	31	1	98.2	1.8	1.0	0.9	2.7	0.3	63.6	0.1	28.7	9.4	3.6	0.3	0.1	9.9	0.9	221.3	2.8
23ELAC065	31	32	1	135.9	2.8	1.2	1.5	4.3	0.5	77.2	0.2	47.1	14.5	6.5	0.5	0.2	13.5	1.1	306.9	3.1
23ELAC065	32	33	1	94.3	1.7	0.9	0.8	2.4	0.3	55.0	0.1	26.9	8.9	3.3	0.3	0.1	10.5	0.9	206.5	3.2
23ELAC065	33	34	1	80.2	1.6	0.9	0.8	2.4	0.3	47.0	0.1	25.1	8.1	3.4	0.3	0.1	10.6	0.9	181.8	3.0
23ELAC065	34	35	1	92.3	1.9	1.1	0.9	2.8	0.3	56.4	0.1	28.9	9.3	3.8	0.3	0.1	11.8	1.0	211.3	3.4

Hole ID	From (m)	To (m)	Interval (m)	Ce_2O_3 (ppm)	Dy_2O_3 (ppm)	Er_2O_3 (ppm)	Eu_2O_3 (ppm)	Gd_2O_3 (ppm)	Ho_2O_3 (ppm)	La_2O_3 (ppm)	Lu_2O_3 (ppm)	Nd_2O_3 (ppm)	Pr_2O_3 (ppm)	Sm_2O_3 (ppm)	Tb_2O_3 (ppm)	Tm_2O_3 (ppm)	Y_2O_3 (ppm)	Yb_2O_3 (ppm)	TREO (ppm)	Sc_2O_3 (ppm)
23ELAC065	35	36	1	98.6	1.8	1.0	0.9	2.9	0.3	63.3	0.1	31.1	9.9	4.0	0.3	0.1	11.1	0.9	226.5	3.5
23ELAC066	0	1	1	36.1	1.3	0.8	0.4	1.6	0.2	23.9	0.1	11.8	3.6	1.9	0.2	0.1	8.4	0.8	91.3	11.3
23ELAC066	1	2	1	30.2	1.2	0.7	0.4	1.5	0.2	21.8	0.1	9.5	3.0	1.8	0.2	0.1	7.6	0.7	79.0	7.4
23ELAC066	2	3	1	52.5	1.3	0.7	0.6	1.9	0.2	30.3	0.1	17.0	5.3	2.7	0.2	0.1	8.4	0.8	122.0	5.3
23ELAC066	3	4	1	63.3	1.4	0.7	0.6	2.0	0.2	29.6	0.1	17.4	5.4	2.7	0.3	0.1	8.3	0.7	132.7	3.6
23ELAC066	4	5	1	102.1	2.7	1.2	1.2	4.1	0.4	64.4	0.1	36.6	11.3	5.3	0.5	0.2	13.7	1.0	245.0	3.7
23ELAC066	5	6	1	160.5	3.2	1.5	1.4	4.5	0.5	85.7	0.2	43.3	14.0	6.3	0.6	0.2	15.1	1.3	338.2	3.8
23ELAC066	6	7	1	124.7	6.2	3.4	2.2	8.3	1.2	77.2	0.4	58.2	16.6	9.3	1.1	0.4	37.5	2.9	349.4	3.9
23ELAC066	7	8	1	79.1	2.6	1.3	1.2	4.0	0.5	49.7	0.2	31.8	9.6	4.8	0.5	0.2	14.5	1.2	201.2	3.2
23ELAC067	44	48	4	51.5	2.8	1.6	1.1	3.3	0.6	27.7	0.2	21.8	5.9	4.0	0.5	0.2	15.9	1.5	138.6	16.9
23ELAC068	48	52	4	43.8	2.8	1.7	0.9	3.1	0.6	24.9	0.2	17.5	4.9	3.4	0.5	0.2	17.3	1.6	123.3	18.5
23ELAC068	21	22	1	43.6	1.8	0.9	0.6	2.2	0.3	20.8	0.1	15.9	4.8	2.8	0.3	0.1	7.4	0.9	102.4	26.8
23ELAC068	22	23	1	118.3	4.8	2.0	1.9	6.5	0.8	61.5	0.2	44.3	13.2	7.7	0.9	0.3	16.7	1.6	280.5	27.9
23ELAC068	23	24	1	246.0	9.6	3.9	3.9	13.7	1.6	133.7	0.3	92.7	27.2	15.8	1.8	0.5	33.8	2.9	587.3	29.2
23ELAC068	24	25	1	107.8	4.0	1.9	1.6	5.5	0.7	56.6	0.2	40.7	11.9	6.7	0.7	0.2	16.2	1.7	256.6	31.3
23ELAC068	25	26	1	77.7	3.1	1.7	1.2	4.2	0.6	41.8	0.2	28.5	8.3	4.9	0.6	0.2	14.0	1.4	188.3	30.5
23ELAC068	26	27	1	159.9	5.5	2.6	2.4	7.6	0.9	81.9	0.3	59.4	17.8	10.0	1.0	0.3	22.1	2.1	373.8	33.1
23ELAC068	27	28	1	237.8	8.3	3.4	3.7	12.0	1.3	139.6	0.3	90.5	26.8	15.1	1.5	0.4	31.6	2.7	575.0	38.5
23ELAC068	28	29	1	246.0	9.5	4.0	4.0	13.9	1.5	140.7	0.4	94.4	27.5	16.1	1.8	0.5	36.8	3.2	600.3	30.7
23ELAC068	29	30	1	433.4	16.9	6.7	7.1	25.4	2.7	224.6	0.6	170.9	50.0	28.6	3.2	0.8	62.7	4.5	1038.0	25.2
23ELAC068	30	31	1	135.9	6.8	3.8	2.3	8.7	1.3	76.3	0.5	50.5	14.2	8.8	1.2	0.5	39.0	3.3	353.0	13.9
23ELAC068	31	32	1	257.7	12.7	6.5	4.3	16.6	2.3	138.4	0.7	93.7	25.6	16.2	2.1	0.8	66.8	5.2	649.7	14.6
23ELAC068	32	33	1	121.8	10.3	6.6	2.6	11.1	2.1	86.6	0.8	53.1	14.5	9.4	1.6	0.8	71.9	5.6	398.7	18.9
23ELAC068	33	34	1	184.5	10.3	7.0	2.4	10.1	2.2	76.6	0.9	47.0	12.7	8.3	1.5	0.9	82.3	6.0	452.6	19.7
23ELAC069	48	51	3	53.4	2.8	1.6	1.0	3.4	0.5	28.5	0.2	21.7	5.9	3.8	0.5	0.2	16.1	1.5	141.1	15.4
23ELAC070	60	63	3	64.2	3.1	1.8	1.0	3.8	0.6	33.1	0.2	23.8	6.3	4.3	0.5	0.2	18.6	1.7	163.4	12.6
23ELAC070	27	28	1	52.7	2.1	1.3	0.5	1.7	0.4	4.7	0.2	5.9	1.5	1.7	0.3	0.2	9.3	1.6	84.1	18.6
23ELAC070	28	29	1	56.6	2.0	1.3	0.4	1.6	0.4	3.8	0.2	5.1	1.3	1.4	0.3	0.2	9.7	1.5	85.7	17.5
23ELAC070	29	30	1	86.8	3.3	1.9	0.9	3.3	0.6	21.6	0.3	19.4	5.6	3.8	0.5	0.3	15.0	2.0	165.3	16.2
23ELAC070	30	31	1	223.1	5.5	2.6	2.6	7.7	1.0	99.7	0.3	75.1	21.5	12.4	1.0	0.4	23.4	2.4	478.6	17.1
23ELAC070	31	32	1	156.4	4.5	2.1	2.2	6.3	0.8	92.4	0.3	62.4	18.0	10.0	0.9	0.3	20.2	2.1	378.9	14.6
23ELAC070	32	33	1	202.6	6.4	2.9	3.1	9.3	1.1	121.4	0.3	83.2	23.5	14.0	1.2	0.4	27.6	2.6	499.6	16.0
23ELAC070	33	34	1	139.4	6.5	3.1	2.6	8.6	1.2	97.9	0.4	62.1	16.7	10.8	1.2	0.4	31.7	2.8	385.6	15.6
23ELAC070	34	35	1	155.2	10.0	4.8	3.5	12.5	1.9	120.8	0.6	75.1	19.4	13.6	1.8	0.6	50.3	4.0	474.0	16.3
23ELAC070	35	36	1	62.8	4.5	2.8	1.3	4.8	0.9	40.2	0.4	25.7	6.7	4.6	0.7	0.4	30.7	2.6	189.0	16.9
23ELAC070	36	37	1	33.1	1.7	1.0	0.5	1.8	0.3	22.7	0.1	11.0	3.2	2.2	0.3	0.2	9.2	1.0	88.3	18.9
23ELAC070	37	38	1	54.0	2.7	1.6	1.0	3.3	0.6	29.9	0.2	21.1	5.8	3.8	0.5	0.2	19.3	1.4	145.4	14.9
23ELAC070	38	39	1	57.5	2.8	1.7	1.0	3.3	0.6	28.9	0.2	20.9	5.6	4.0	0.5	0.2	20.7	1.5	149.5	17.3
23ELAC070	39	40	1	50.5	2.5	1.5	0.9	3.0	0.5	26.0	0.2	19.8	5.3	3.7	0.4	0.2	16.9	1.4	132.8	16.4
23ELAC070	40	41	1	49.9	2.6	1.5	0.9	3.0	0.5	24.9	0.2	20.1	5.2	3.8	0.4	0.2	16.1	1.5	131.0	18.9
23ELAC071	52	55	3	53.4	2.3	1.3	0.8	2.8	0.4	28.6	0.2	19.6	5.4	3.4	0.4	0.2	13.6	1.3	133.6	12.8
23ELAC071	16	17	1	70.6	2.8	1.6	1.1	3.3	0.6	31.9	0.2	26.9	7.5	4.7	0.5	0.3	15.0	1.7	168.6	16.9
23ELAC071	17	18	1	65.8	2.7	1.5	1.0	3.2	0.5	29.0	0.2	25.9	7.3	4.9	0.5	0.2	14.4	1.7	158.8	17.6
23ELAC071	18	19	1	115.6	3.6	1.9	1.6	4.5	0.7	49.0	0.3	43.3	12.2	7.5	0.6	0.3	17.2	1.8	259.9	16.6
23ELAC071	19	20	1	104.1	3.8	2.0	1.5	4.8	0.7	50.3	0.3	39.5	10.8	6.8	0.7	0.3	19.2	1.9	246.8	18.5
23ELAC071	20	21	1	49.1	2.5	1.4	0.8	2.7	0.5	24.2	0.2	19.3	5.2	3.5	0.4	0.2	14.0	1.5	125.4	19.3
23ELAC071	21	22	1	46.0	2.6	1.7	0.8	2.7	0.6	23.2	0.3	18.5	5.1	3.4	0.4	0.3	16.5	1.8	123.9	20.9
23ELAC071	22	23	1	92.1	4.1	2.3	1.6	5.2	0.8	50.3	0.3	38.7	10.4	6.9	0.7	0.3	23.3	2.1	239.3	17.6
23ELAC071	23	24	1	69.7	3.6	2.0	1.3	4.6	0.7	49.7	0.3	34.2	9.3	5.9	0.6	0.3	21.2	2.0	205.6	18.3

Hole ID	From (m)	To (m)	Interval (m)	Ce_2O_3 (ppm)	Dy_2O_3 (ppm)	Er_2O_3 (ppm)	Eu_2O_3 (ppm)	Gd_2O_3 (ppm)	Ho_2O_3 (ppm)	La_2O_3 (ppm)	Lu_2O_3 (ppm)	Nd_2O_3 (ppm)	Pr_2O_3 (ppm)	Sm_2O_3 (ppm)	Tb_2O_3 (ppm)	Tm_2O_3 (ppm)	Y_2O_3 (ppm)	Yb_2O_3 (ppm)	TREO (ppm)	Sc_2O_3 (ppm)
23ELAC071	24	25	1	123.0	5.5	3.0	2.3	7.8	1.1	84.0	0.4	56.3	15.2	9.5	1.0	0.4	32.4	2.6	344.5	17.1
23ELAC071	25	26	1	138.8	7.1	3.7	2.6	9.0	1.3	83.4	0.5	55.5	14.7	10.3	1.3	0.5	39.6	3.4	371.6	17.9
23ELAC071	26	27	1	142.3	7.5	4.6	2.3	8.7	1.6	89.0	0.6	54.9	14.8	9.2	1.2	0.7	54.9	4.4	396.8	15.1
23ELAC071	27	28	1	62.8	5.2	4.1	1.1	4.6	1.3	35.4	0.6	23.0	6.2	4.4	0.8	0.6	51.8	3.7	205.5	13.5
23ELAC071	28	29	1	58.6	4.2	3.1	1.0	4.1	1.0	33.0	0.4	21.6	5.8	3.8	0.6	0.4	42.2	2.9	182.9	14.8
23ELAC071	29	30	1	59.2	3.4	2.3	1.0	3.7	0.8	33.3	0.3	22.0	6.0	4.2	0.5	0.3	31.9	2.1	171.1	14.5
23ELAC072	44	47	3	52.7	2.5	1.4	0.9	3.1	0.5	29.3	0.2	20.5	5.4	3.8	0.4	0.2	15.4	1.4	137.7	14.8
23ELAC072	20	21	1	173.4	5.5	2.7	2.4	7.4	1.0	83.3	0.3	56.2	15.4	9.8	1.0	0.4	25.9	2.3	386.9	15.6
23ELAC072	21	22	1	92.3	5.2	2.6	2.1	6.9	1.0	71.2	0.4	49.0	13.1	8.6	0.9	0.4	26.7	2.5	282.8	15.9
23ELAC072	22	23	1	78.4	6.9	3.9	2.5	8.7	1.4	92.5	0.5	61.2	16.7	10.5	1.2	0.6	45.2	3.5	333.9	18.8
23ELAC072	23	24	1	73.1	7.3	4.2	2.7	9.5	1.5	95.6	0.5	65.3	17.8	11.2	1.3	0.6	47.4	3.6	341.7	20.2
23ELAC072	24	25	1	76.7	8.7	4.8	3.0	10.8	1.8	101.8	0.6	67.0	17.7	11.9	1.5	0.7	57.1	4.1	368.3	17.5
23ELAC072	25	26	1	71.0	5.5	3.3	1.7	6.4	1.2	56.8	0.4	35.8	9.6	6.9	0.9	0.5	37.1	2.9	239.9	16.9
23ELAC072	26	27	1	56.3	5.5	3.7	1.4	5.8	1.3	45.9	0.5	28.3	7.3	5.2	0.9	0.5	45.7	3.3	211.7	16.6
23ELAC072	27	28	1	44.0	3.0	2.1	0.8	3.1	0.7	25.1	0.3	17.6	4.8	3.3	0.5	0.3	27.8	1.9	135.5	14.5
23ELAC072	28	29	1	55.6	3.0	1.8	1.0	3.5	0.6	30.4	0.2	22.0	6.0	3.9	0.5	0.3	23.0	1.7	153.6	16.9
23ELAC072	29	30	1	52.9	2.9	1.8	0.9	3.5	0.6	29.6	0.3	21.1	5.7	3.9	0.5	0.3	21.2	1.7	146.9	17.6
23ELAC073	48	52	4	44.6	2.3	1.3	0.8	2.8	0.4	21.5	0.2	17.1	4.5	3.2	0.4	0.2	13.7	1.3	114.3	14.1
23ELAC073	13	14	1	9.1	1.2	1.0	0.3	1.1	0.3	3.9	0.2	4.4	1.0	1.1	0.2	0.2	9.1	1.2	34.3	14.2
23ELAC073	14	15	1	19.8	1.7	1.1	0.4	1.6	0.3	9.5	0.2	7.7	2.0	1.6	0.3	0.2	10.6	1.3	58.1	15.0
23ELAC073	15	16	1	19.5	1.8	1.2	0.4	1.8	0.4	9.8	0.2	8.3	2.0	1.7	0.3	0.2	11.5	1.4	60.6	16.7
23ELAC073	16	17	1	12.4	1.0	0.8	0.3	1.0	0.2	5.5	0.2	4.7	1.2	1.0	0.1	0.1	7.0	1.0	36.6	15.6
23ELAC073	17	18	1	82.3	3.6	1.7	1.6	5.1	0.6	47.6	0.2	40.0	11.0	7.0	0.7	0.2	15.7	1.6	219.0	17.3
23ELAC073	18	19	1	336.2	11.4	4.3	5.9	18.2	1.8	204.7	0.4	163.3	47.4	26.8	2.2	0.5	43.6	2.9	869.5	17.3
23ELAC073	19	20	1	137.0	7.6	2.9	3.8	12.1	1.2	131.9	0.3	94.9	26.4	16.5	1.5	0.4	27.8	2.2	466.5	17.8
23ELAC073	20	21	1	165.2	8.0	3.0	3.7	12.4	1.2	127.8	0.3	89.2	24.6	15.4	1.5	0.4	29.6	2.3	484.7	19.2
23ELAC073	21	22	1	155.8	6.3	3.0	2.3	8.6	1.1	80.0	0.4	51.2	13.9	9.3	1.1	0.4	31.4	2.6	367.3	20.2
23ELAC073	22	23	1	441.6	9.8	5.0	3.5	12.2	1.8	116.8	0.6	81.5	22.1	14.6	1.7	0.7	52.1	4.4	768.3	22.9
23ELAC073	23	24	1	229.6	7.6	4.4	2.3	8.7	1.5	77.1	0.6	52.7	14.3	9.5	1.2	0.6	46.2	3.9	460.2	18.0
23ELAC073	24	25	1	292.8	8.0	4.6	2.5	9.0	1.6	77.4	0.6	56.1	15.4	10.5	1.3	0.7	50.0	4.3	534.8	19.6
23ELAC073	25	26	1	186.8	12.7	6.8	4.3	15.2	2.4	131.4	0.9	93.0	25.3	17.1	2.1	0.9	71.7	6.1	576.7	20.9
23ELAC073	26	27	1	94.9	9.7	5.8	2.7	10.7	1.9	86.2	0.8	53.3	14.0	10.3	1.5	0.8	64.5	5.2	362.4	19.2
23ELAC073	27	28	1	50.2	4.9	3.2	1.2	5.1	1.0	36.9	0.4	23.4	6.2	4.5	0.7	0.5	38.2	2.9	179.4	21.6
23ELAC073	28	29	1	51.2	3.4	2.2	1.0	3.8	0.7	29.8	0.3	20.5	5.4	3.7	0.5	0.3	26.9	2.0	151.7	18.8
23ELAC073	29	30	1	62.2	3.1	1.7	1.1	3.9	0.6	35.1	0.2	23.6	6.4	4.3	0.5	0.2	21.2	1.6	165.7	18.4
23ELAC073	30	31	1	56.8	2.9	1.6	1.0	3.6	0.6	32.4	0.2	22.0	5.9	4.2	0.5	0.2	19.4	1.5	152.8	18.3
23ELAC073	31	32	1	59.5	2.9	1.6	1.0	3.6	0.5	33.8	0.2	23.1	6.2	4.1	0.5	0.2	17.6	1.4	156.2	20.0
23ELAC073	32	33	1	49.0	2.9	1.6	0.9	3.3	0.6	27.3	0.2	20.1	5.4	3.8	0.5	0.2	18.0	1.5	135.4	18.6
23ELAC073	33	34	1	45.8	2.5	1.5	0.8	3.1	0.5	24.3	0.2	18.4	5.0	3.5	0.4	0.2	15.8	1.4	123.4	14.9
23ELAC073	34	35	1	43.2	2.4	1.4	0.8	2.9	0.5	22.8	0.2	17.1	4.7	3.3	0.4	0.2	14.7	1.3	115.9	16.8
23ELAC073	35	36	1	56.8	3.0	1.7	1.0	3.5	0.6	30.7	0.2	21.3	5.7	3.9	0.5	0.2	18.9	1.6	149.7	19.5
23ELAC074	0	4	4	49.1	2.5	1.6	0.7	2.8	0.5	21.8	0.2	17.0	4.5	3.1	0.4	0.2	14.4	1.5	120.3	24.8
23ELAC074	4	8	4	33.9	2.0	1.2	0.5	2.1	0.4	16.9	0.2	13.1	3.6	2.4	0.3	0.2	10.5	1.2	88.5	25.3
23ELAC074	8	12	4	8.2	0.7	0.4	0.2	0.6	0.1	4.3	0.1	2.9	0.8	0.7	0.1	0.1	3.5	0.5	23.2	19.2
23ELAC074	12	16	4	12.4	1.3	0.8	0.3	1.3	0.3	8.4	0.1	5.1	1.4	1.1	0.2	0.1	7.3	0.8	40.9	22.0
23ELAC074	16	17	1	5.4	0.9	0.6	0.2	0.8	0.2	3.2	0.1	2.2	0.5	0.6	0.1	0.1	5.8	0.8	21.7	27.8
23ELAC074	17	18	1	3.7	0.9	0.6	0.2	0.8	0.2	3.2	0.1	1.9	0.5	0.7	0.1	0.1	6.0	0.8	19.8	33.3
23ELAC074	18	19	1	3.2	0.8	0.6	0.2	0.7	0.2	1.2	0.1	1.6	0.4	0.6	0.1	0.1	5.1	0.7	15.5	27.5
23ELAC074	19	20	1	4.8	1.0	0.6	0.2	0.8	0.2	1.2	0.1	2.0	0.5	0.7	0.1	0.1	5.4	0.8	18.4	26.3

Hole ID	From (m)	To (m)	Interval (m)	Ce_2O_3 (ppm)	Dy_2O_3 (ppm)	Er_2O_3 (ppm)	Eu_2O_3 (ppm)	Gd_2O_3 (ppm)	Ho_2O_3 (ppm)	La_2O_3 (ppm)	Lu_2O_3 (ppm)	Nd_2O_3 (ppm)	Pr_2O_3 (ppm)	Sm_2O_3 (ppm)	Tb_2O_3 (ppm)	Tm_2O_3 (ppm)	Y_2O_3 (ppm)	Yb_2O_3 (ppm)	TREO (ppm)	Sc_2O_3 (ppm)
23ELAC074	20	21	1	95.0	4.9	2.5	2.0	6.5	0.9	67.4	0.4	50.6	14.5	8.8	0.9	0.4	22.9	2.5	280.1	18.9
23ELAC074	21	22	1	54.9	2.2	1.3	0.6	2.1	0.4	12.4	0.2	12.4	3.4	2.7	0.3	0.2	10.2	1.7	105.2	19.3
23ELAC074	22	23	1	235.4	7.8	3.1	4.2	12.3	1.2	135.5	0.4	115.4	33.4	19.2	1.5	0.4	27.0	2.8	599.6	20.6
23ELAC074	23	24	1	534.1	9.8	3.9	5.4	15.4	1.5	172.4	0.4	150.5	45.2	25.0	1.9	0.5	37.0	3.3	1006.3	16.6
23ELAC074	24	25	1	351.4	6.9	3.2	3.4	9.9	1.2	105.1	0.4	87.9	25.5	15.0	1.3	0.4	31.2	2.9	645.7	17.7
23ELAC074	25	26	1	137.0	5.8	2.8	2.7	7.9	1.0	81.6	0.4	72.2	20.7	12.5	1.0	0.4	27.4	2.7	376.2	17.1
23ELAC074	26	27	1	118.9	7.3	3.7	3.3	10.0	1.4	105.6	0.5	79.4	22.8	13.7	1.3	0.5	37.3	3.2	408.8	18.7
23ELAC074	27	28	1	149.9	10.0	5.2	4.0	13.3	1.9	128.4	0.6	90.4	25.4	16.0	1.8	0.6	54.9	4.0	506.4	17.3
23ELAC074	28	29	1	141.7	10.7	6.4	3.4	12.7	2.3	103.2	0.8	72.6	19.9	13.3	1.8	0.8	70.9	4.9	465.6	19.1
23ELAC074	29	30	1	86.6	7.9	4.9	2.4	9.0	1.7	72.2	0.6	47.9	13.0	8.9	1.3	0.6	56.4	4.0	317.5	18.3
23ELAC075	44	47	3	49.4	2.4	1.3	0.8	2.9	0.4	26.5	0.2	18.8	5.0	3.5	0.4	0.2	13.9	1.3	127.0	13.7
23ELAC076	44	48	4	53.9	2.6	1.5	1.0	3.2	0.5	29.6	0.2	21.4	5.6	3.8	0.4	0.2	16.8	1.3	142.1	14.9
23ELAC076	14	15	1	6.1	1.2	0.8	0.3	1.0	0.3	2.5	0.2	3.3	0.8	1.0	0.2	0.2	6.1	1.2	24.9	15.7
23ELAC076	15	16	1	11.0	1.3	0.9	0.2	1.0	0.3	2.1	0.2	3.0	0.7	0.9	0.2	0.2	6.6	1.3	29.7	16.3
23ELAC076	16	17	1	17.7	1.6	1.1	0.3	1.3	0.3	5.7	0.2	6.0	1.5	1.4	0.2	0.2	8.5	1.4	47.5	16.6
23ELAC076	17	18	1	60.6	3.3	1.8	1.4	3.9	0.6	38.7	0.3	35.7	9.8	6.3	0.6	0.3	14.5	1.9	179.6	18.4
23ELAC076	18	19	1	80.5	5.4	2.3	3.0	7.7	0.9	100.2	0.3	84.6	23.5	14.0	1.0	0.3	20.1	2.2	345.9	20.1
23ELAC076	19	20	1	178.6	8.1	3.5	4.3	11.4	1.3	144.8	0.4	111.5	31.5	18.4	1.5	0.5	31.6	3.1	550.6	18.9
23ELAC076	20	21	1	158.7	8.2	4.0	3.9	11.3	1.5	132.5	0.5	95.2	26.2	16.1	1.5	0.6	38.4	3.7	502.3	16.1
23ELAC076	21	22	1	125.3	6.6	3.5	2.7	8.4	1.3	92.9	0.5	65.9	17.8	11.4	1.1	0.5	34.7	3.3	375.9	16.3
23ELAC076	22	23	1	105.3	10.8	5.7	4.1	13.6	2.1	138.4	0.7	91.2	23.6	15.8	1.8	0.8	63.2	4.9	482.2	17.5
23ELAC076	23	24	1	71.4	7.5	4.9	2.1	8.2	1.7	70.0	0.6	41.2	10.5	7.6	1.2	0.7	59.7	3.9	291.1	16.6
23ELAC076	24	25	1	52.5	5.5	3.9	1.3	5.5	1.3	38.2	0.5	24.8	6.4	4.6	0.8	0.5	59.7	2.9	208.5	16.2
23ELAC076	25	26	1	44.5	2.9	1.9	0.9	3.3	0.7	27.9	0.3	19.6	5.0	3.7	0.5	0.3	24.7	1.7	137.8	16.4
23ELAC076	26	27	1	53.3	2.9	1.7	1.1	3.4	0.6	29.9	0.3	22.4	5.8	4.2	0.5	0.3	21.1	1.6	149.1	16.2
23ELAC076	27	28	1	40.1	2.1	1.3	0.8	2.4	0.5	21.5	0.2	16.5	4.4	3.0	0.3	0.2	14.7	1.2	109.1	13.8
23ELAC076	28	29	1	52.8	2.7	1.5	0.9	3.1	0.5	28.5	0.2	21.1	5.6	3.9	0.4	0.2	17.0	1.4	140.0	16.6
23ELAC076	29	30	1	52.0	2.7	1.5	1.0	3.4	0.5	28.6	0.2	22.5	5.7	4.2	0.5	0.2	15.7	1.3	140.1	17.7
23ELAC077	32	36	4	51.4	2.5	1.4	0.8	3.0	0.5	26.0	0.2	18.8	4.9	3.5	0.4	0.2	14.5	1.4	129.6	14.0
23ELAC077	17	18	1	17.6	2.2	1.3	0.8	2.6	0.4	20.5	0.2	17.9	4.7	3.4	0.4	0.2	11.7	1.4	85.2	16.2
23ELAC077	18	19	1	448.6	13.9	8.4	3.6	12.0	2.9	69.2	1.1	50.2	12.6	12.1	2.1	1.2	73.5	7.7	719.4	16.6
23ELAC077	19	20	1	223.1	9.1	5.6	2.7	8.9	1.9	76.2	0.8	58.1	15.4	10.8	1.4	0.8	50.5	5.3	470.7	15.9
23ELAC077	20	21	1	70.7	8.8	3.9	4.6	13.6	1.6	167.1	0.4	122.5	35.1	19.7	1.7	0.5	50.4	2.8	503.4	15.3
23ELAC077	21	22	1	72.7	6.8	3.4	3.1	9.6	1.3	110.1	0.4	77.3	21.2	13.2	1.3	0.5	40.1	2.7	363.7	15.5
23ELAC077	22	23	1	52.9	7.7	4.3	2.7	10.6	1.6	110.0	0.5	61.1	15.4	10.4	1.3	0.6	62.7	3.3	345.3	14.9
23ELAC077	23	24	1	59.2	3.9	2.5	1.2	4.4	0.9	38.1	0.3	25.1	6.6	4.7	0.6	0.3	35.2	2.0	184.9	15.9
23ELAC077	24	25	1	62.5	3.0	1.7	1.1	3.7	0.6	36.7	0.2	25.5	6.9	4.5	0.5	0.2	19.5	1.6	168.4	17.9
23ELAC077	25	26	1	44.6	2.5	1.4	0.9	3.1	0.5	23.9	0.2	19.6	5.0	3.6	0.4	0.2	15.7	1.4	123.2	15.3
23ELAC077	26	27	1	53.8	2.5	1.4	0.9	3.0	0.5	29.7	0.2	21.2	5.6	3.7	0.4	0.2	15.7	1.3	140.0	15.7
23ELAC077	27	28	1	57.5	2.6	1.5	0.9	3.0	0.5	29.4	0.2	21.2	5.7	3.8	0.4	0.2	16.1	1.4	144.5	16.0
23ELAC077	28	29	1	46.6	2.4	1.4	0.9	2.8	0.5	25.9	0.2	18.7	5.0	3.4	0.4	0.2	15.2	1.3	124.8	15.0
23ELAC077	29	30	1	54.6	2.6	1.4	0.9	3.0	0.5	26.7	0.2	19.8	5.3	3.5	0.4	0.2	15.1	1.4	135.6	15.4
23ELAC077	30	31	1	52.0	2.7	1.6	0.9	3.2	0.5	28.0	0.2	20.2	5.4	3.7	0.4	0.2	16.4	1.4	137.1	16.4
23ELAC077	31	32	1	55.4	2.7	1.5	0.9	3.1	0.5	28.5	0.2	20.1	5.5	3.7	0.4	0.2	15.7	1.3	139.8	15.4
23ELAC077	36	37	1	47.6	2.4	1.4	0.9	2.8	0.5	24.4	0.2	18.3	4.8	3.4	0.4	0.2	14.9	1.4	123.5	16.3
23ELAC078	40	42	2	64.1	3.0	1.6	1.0	3.7	0.5	33.0	0.2	23.9	6.4	4.3	0.5	0.2	16.9	1.6	160.9	16.1
23ELAC078	16	17	1	106.2	2.9	1.7	1.1	3.4	0.6	30.8	0.3	27.2	7.2	4.9	0.5	0.3	14.3	1.9	203.2	17.1
23ELAC078	17	18	1	145.2	4.7	2.3	2.4	7.2	0.9	84.9	0.3	63.8	17.3	10.6	0.9	0.3	21.1	2.1	364.0	15.6
23ELAC078	18	19	1	56.8	4.6	2.2	2.3	7.1	0.9	82.4	0.3	62.6	16.9	10.1	0.9	0.3	22.2	1.9	271.6	16.4

Hole ID	From (m)	To (m)	Interval (m)	Ce_2O_3 (ppm)	Dy_2O_3 (ppm)	Er_2O_3 (ppm)	Eu_2O_3 (ppm)	Gd_2O_3 (ppm)	Ho_2O_3 (ppm)	La_2O_3 (ppm)	Lu_2O_3 (ppm)	Nd_2O_3 (ppm)	Pr_2O_3 (ppm)	Sm_2O_3 (ppm)	Tb_2O_3 (ppm)	Tm_2O_3 (ppm)	Y_2O_3 (ppm)	Yb_2O_3 (ppm)	TREO (ppm)	Sc_2O_3 (ppm)
23ELAC078	19	20	1	136.5	11.2	5.2	5.0	16.6	2.1	181.8	0.6	120.7	33.4	20.7	2.1	0.7	59.9	4.2	600.7	16.3
23ELAC078	20	21	1	140.0	15.1	8.9	4.8	18.1	3.2	164.2	1.1	100.2	26.9	18.3	2.5	1.2	116.4	7.2	628.1	15.3
23ELAC078	21	22	1	94.9	11.3	7.0	2.8	11.9	2.5	96.3	0.9	51.6	13.5	9.9	1.8	1.0	93.6	5.8	404.5	16.8
23ELAC078	22	23	1	58.0	6.0	4.0	1.4	5.8	1.3	46.0	0.5	27.1	7.0	5.2	0.9	0.6	51.6	3.3	218.5	15.0
23ELAC078	23	24	1	53.4	3.8	2.3	1.1	4.1	0.8	34.8	0.3	23.6	6.2	4.5	0.6	0.3	30.9	1.9	168.7	16.4
23ELAC078	24	25	1	52.0	3.3	2.0	1.0	3.7	0.7	31.5	0.3	22.4	5.9	4.2	0.5	0.3	25.7	1.7	155.3	16.9
23ELAC078	25	26	1	42.3	2.6	1.5	0.9	3.1	0.5	28.5	0.2	19.6	5.2	3.6	0.4	0.2	19.0	1.3	129.2	13.6
23ELAC078	26	27	1	51.1	2.2	1.3	0.8	2.6	0.5	23.4	0.2	17.0	4.5	3.1	0.4	0.2	15.6	1.2	124.0	16.3
23ELAC078	27	28	1	70.6	3.7	1.9	1.4	4.8	0.7	39.2	0.2	28.2	7.5	5.3	0.7	0.3	22.4	1.7	188.5	16.2
23ELAC078	28	29	1	42.8	2.5	1.5	0.9	3.1	0.5	25.9	0.2	17.0	4.5	3.4	0.4	0.2	17.3	1.2	121.4	14.9
23ELAC078	29	30	1	91.4	4.7	2.3	1.7	5.8	0.9	39.2	0.3	32.9	8.7	6.5	0.8	0.3	24.8	1.9	222.1	14.9
23ELAC078	30	31	1	47.8	2.4	1.4	0.8	2.9	0.5	26.5	0.2	18.5	5.0	3.5	0.4	0.2	14.9	1.3	126.4	15.4
23ELAC078	31	32	1	50.2	1.8	1.0	0.8	2.4	0.4	29.0	0.2	20.5	5.4	3.4	0.3	0.2	10.9	1.0	127.5	12.6
23ELAC079	36	38	2	46.5	2.3	1.3	0.8	2.6	0.5	25.8	0.2	18.7	5.0	3.2	0.4	0.2	14.0	1.2	122.8	13.0
23ELAC079	14	15	1	18.8	2.4	1.6	0.6	2.4	0.5	17.2	0.3	11.8	3.1	2.2	0.4	0.2	17.0	1.6	80.2	15.0
23ELAC079	15	16	1	22.7	2.4	1.5	0.6	2.4	0.5	18.9	0.2	13.1	3.5	2.5	0.4	0.2	16.8	1.6	87.3	16.8
23ELAC079	16	17	1	41.3	2.9	2.0	0.8	2.7	0.6	23.9	0.3	17.4	4.9	3.1	0.4	0.3	24.1	2.1	127.0	15.1
23ELAC079	17	18	1	120.1	5.0	3.1	1.5	4.7	1.1	44.8	0.5	34.5	9.5	6.1	0.8	0.5	29.5	3.3	264.9	17.6
23ELAC079	18	19	1	71.8	4.1	2.4	1.7	5.1	0.8	60.8	0.4	42.0	11.9	6.9	0.7	0.4	23.7	2.3	234.9	18.0
23ELAC079	19	20	1	100.3	5.3	2.9	2.1	6.8	1.0	86.2	0.4	54.2	15.1	9.1	0.9	0.4	29.6	2.6	316.9	15.3
23ELAC079	20	21	1	87.0	4.4	2.5	1.8	5.6	0.9	63.1	0.3	42.1	11.5	7.2	0.7	0.4	25.4	2.3	255.1	13.6
23ELAC079	21	22	1	111.6	4.5	2.6	1.8	5.9	0.9	69.2	0.4	45.5	12.5	7.7	0.8	0.4	28.6	2.4	294.8	17.1
23ELAC079	22	23	1	70.4	5.0	2.6	2.3	7.0	0.9	90.5	0.3	60.4	16.8	9.9	0.9	0.4	27.9	2.3	297.6	18.0
23ELAC079	23	24	1	125.9	6.2	3.1	2.4	8.4	1.2	93.4	0.4	55.2	14.9	9.8	1.1	0.4	34.2	2.7	359.2	16.8
23ELAC079	24	25	1	64.7	6.2	3.6	2.0	7.4	1.3	74.1	0.5	39.5	10.4	7.2	1.0	0.5	45.3	3.1	266.8	14.8
23ELAC080	40	43	3	48.6	2.5	1.4	0.9	3.1	0.5	25.1	0.2	19.2	5.0	3.7	0.4	0.2	14.6	1.4	126.7	16.0
23ELAC080	15	16	1	44.3	2.0	1.2	0.6	2.2	0.4	12.7	0.2	11.2	2.8	2.4	0.3	0.2	11.8	1.5	93.8	15.2
23ELAC080	16	17	1	74.0	1.3	0.9	0.3	1.3	0.3	5.2	0.2	5.1	1.2	1.3	0.2	0.2	8.3	1.2	101.1	16.5
23ELAC080	17	18	1	165.2	2.3	1.5	0.6	2.0	0.5	9.0	0.3	9.7	2.6	2.2	0.3	0.3	12.5	1.8	210.9	18.9
23ELAC080	18	19	1	159.9	3.6	1.8	1.8	5.1	0.7	54.9	0.3	46.8	12.6	7.9	0.6	0.3	16.8	1.7	314.7	16.2
23ELAC080	19	20	1	97.8	6.0	2.7	3.2	9.2	1.0	106.6	0.3	80.5	21.8	13.5	1.1	0.4	27.3	2.3	373.7	16.1
23ELAC080	20	21	1	663.0	18.8	9.5	6.6	20.8	3.4	166.0	1.1	131.8	34.2	25.3	3.1	1.3	85.1	8.2	1178.1	20.3
23ELAC080	21	22	1	159.9	8.7	4.5	3.4	10.7	1.7	97.7	0.5	74.6	19.8	13.7	1.5	0.6	43.7	3.9	445.0	17.6
23ELAC080	22	23	1	95.7	7.7	4.2	3.0	9.3	1.5	91.1	0.5	70.2	18.8	12.2	1.3	0.6	43.3	3.7	363.1	17.4
23ELAC080	23	24	1	62.9	6.4	3.4	2.5	8.6	1.3	87.3	0.5	57.5	14.7	9.8	1.1	0.5	37.0	3.0	296.5	19.3
23ELAC080	24	25	1	81.4	5.0	2.9	1.9	6.6	1.0	73.5	0.4	42.6	11.2	7.2	0.8	0.4	32.8	2.5	270.3	19.1
23ELAC080	25	26	1	58.1	5.1	3.1	1.8	6.4	1.1	54.5	0.4	34.4	9.0	6.2	0.8	0.4	36.3	2.6	220.3	16.6
23ELAC080	26	27	1	46.1	4.8	3.1	1.4	5.7	1.1	44.4	0.4	28.5	7.3	5.3	0.8	0.4	38.6	2.5	190.5	17.2
23ELAC080	27	28	1	46.6	3.3	2.0	1.1	3.7	0.7	30.1	0.3	21.6	5.6	4.1	0.5	0.3	24.9	1.7	146.5	17.6
23ELAC080	28	29	1	43.1	2.8	1.8	1.0	3.2	0.6	24.9	0.2	19.1	5.0	3.7	0.4	0.3	21.8	1.5	129.4	18.3
23ELAC080	29	30	1	42.3	2.6	1.5	1.0	3.0	0.5	23.7	0.2	18.4	4.8	3.4	0.4	0.2	18.5	1.3	121.9	17.1
23ELAC080	30	31	1	60.8	3.2	1.7	1.3	4.0	0.6	35.2	0.2	24.7	6.4	4.7	0.5	0.2	20.4	1.5	165.5	19.7
23ELAC081	52	55	3	48.8	2.6	1.5	0.9	3.1	0.5	24.6	0.2	18.6	4.9	3.5	0.4	0.2	15.3	1.5	126.8	15.1
23ELAC081	20	21	1	16.0	1.7	1.3	0.4	1.4	0.4	3.8	0.3	5.0	1.1	1.3	0.2	0.2	9.4	1.7	44.2	21.6
23ELAC081	21	22	1	32.3	2.6	1.5	1.0	3.3	0.5	20.9	0.3	19.9	5.0	3.9	0.4	0.2	13.2	1.7	106.8	21.4
23ELAC081	22	23	1	53.9	3.7	2.0	1.4	4.7	0.7	34.5	0.3	28.7	7.3	5.3	0.6	0.3	19.6	2.1	165.1	21.4
23ELAC081	23	24	1	81.2	4.7	2.4	2.0	6.5	0.9	53.4	0.4	45.3	11.8	8.3	0.8	0.3	24.1	2.4	244.5	22.4
23ELAC081	24	25	1	104.7	5.4	2.9	2.4	7.4	1.1	68.7	0.4	55.1	14.6	9.9	1.0	0.4	28.8	2.7	305.5	21.5
23ELAC081	25	26	1	125.3	7.7	3.9	3.2	10.1	1.4	92.8	0.5	72.9	19.4	12.9	1.3	0.6	40.1	3.5	395.6	24.2

Hole ID	From (m)	To (m)	Interval (m)	Ce_2O_3 (ppm)	Dy_2O_3 (ppm)	Er_2O_3 (ppm)	Eu_2O_3 (ppm)	Gd_2O_3 (ppm)	Ho_2O_3 (ppm)	La_2O_3 (ppm)	Lu_2O_3 (ppm)	Nd_2O_3 (ppm)	Pr_2O_3 (ppm)	Sm_2O_3 (ppm)	Tb_2O_3 (ppm)	Tm_2O_3 (ppm)	Y_2O_3 (ppm)	Yb_2O_3 (ppm)	TREO (ppm)	Sc_2O_3 (ppm)
23ELAC081	26	27	1	99.9	6.9	3.6	2.7	8.8	1.3	69.9	0.5	57.6	14.7	10.7	1.2	0.5	36.8	3.4	318.6	21.9
23ELAC081	27	28	1	72.2	5.7	3.5	1.9	6.6	1.2	52.7	0.5	38.5	9.9	7.2	0.9	0.5	40.3	3.4	245.2	22.1
23ELAC081	28	29	1	91.8	5.9	3.5	2.0	6.8	1.2	50.1	0.5	38.6	9.9	7.3	0.9	0.5	40.4	3.3	262.7	19.1
23ELAC081	29	30	1	84.1	4.9	3.0	1.6	5.7	1.0	41.5	0.5	31.6	8.2	5.9	0.8	0.5	33.8	2.9	226.0	19.4
23ELAC082	56	58	2	50.2	2.6	1.5	0.9	3.2	0.5	26.2	0.2	19.4	5.1	3.6	0.4	0.2	15.7	1.4	131.2	16.5
23ELAC083	64	66	2	54.3	2.8	1.5	0.9	3.4	0.5	27.9	0.2	20.9	5.5	3.8	0.5	0.2	15.8	1.5	139.9	16.3
23ELAC084	56	60	4	57.9	2.5	1.4	0.9	3.1	0.5	32.3	0.2	20.4	5.6	3.6	0.4	0.2	15.6	1.4	145.9	12.9
23ELAC084	60	61	1	50.8	2.1	1.2	0.8	2.5	0.4	30.0	0.2	17.8	5.1	3.2	0.3	0.2	13.0	1.1	128.9	12.8
23ELAC085	56	60	4	46.1	2.3	1.4	0.8	2.8	0.4	23.3	0.2	16.9	4.5	3.1	0.4	0.2	13.8	1.3	117.6	13.0
23ELAC085	60	61	1	50.1	2.5	1.4	1.0	3.0	0.5	28.3	0.2	19.7	5.5	3.7	0.4	0.2	15.4	1.4	133.2	15.1
23ELAC086	60	64	4	60.1	3.0	1.7	1.0	3.4	0.6	32.0	0.2	23.3	6.1	4.2	0.5	0.2	17.1	1.6	154.9	16.4
23ELAC086	64	65	1	73.1	3.3	1.9	1.3	4.0	0.7	41.0	0.3	29.0	7.9	5.3	0.5	0.3	20.2	1.8	190.6	19.9
23ELAC087	52	54	2	74.6	6.4	2.9	2.8	8.5	1.1	31.3	0.3	42.7	9.4	9.2	1.1	0.4	31.4	2.3	224.2	38.0
23ELAC088	64	67	3	53.4	2.9	1.6	1.0	3.5	0.6	27.7	0.2	20.9	5.4	3.9	0.5	0.2	16.6	1.5	139.9	15.4
23ELAC089	52	54	2	53.6	2.2	1.2	0.8	2.8	0.4	29.9	0.2	19.0	5.2	3.3	0.4	0.2	12.5	1.2	132.9	11.4
23ELAC090	60	64	4	42.3	1.9	1.1	0.8	2.4	0.3	22.5	0.1	15.7	4.2	2.8	0.3	0.1	11.3	1.0	106.9	8.8
23ELAC091	0	4	4	75.3	3.4	2.0	0.9	3.8	0.7	33.1	0.3	24.4	6.7	4.5	0.6	0.3	20.1	1.9	177.8	26.5
23ELAC091	4	8	4	56.3	2.9	1.9	0.8	3.4	0.6	25.8	0.3	20.1	5.7	3.7	0.5	0.2	14.8	1.7	138.8	29.5
23ELAC091	8	12	4	55.2	3.0	1.9	0.8	3.3	0.6	19.2	0.3	18.3	4.9	3.5	0.5	0.3	17.0	1.8	130.5	24.8
23ELAC091	12	16	4	12.5	0.9	0.6	0.2	0.9	0.2	5.5	0.1	4.4	1.2	0.8	0.2	0.1	5.6	0.7	33.8	17.7
23ELAC091	16	20	4	5.2	0.9	0.6	0.2	0.8	0.2	2.6	0.1	2.8	0.6	0.7	0.1	0.1	4.7	0.6	20.1	22.2
23ELAC091	20	24	4	3.9	0.9	0.5	0.2	0.8	0.2	1.7	0.1	2.0	0.5	0.6	0.1	0.1	4.4	0.6	16.5	18.3
23ELAC091	24	28	4	63.3	2.6	1.3	1.1	3.6	0.5	31.2	0.2	24.8	6.9	4.4	0.5	0.2	12.9	1.1	154.5	19.0
23ELAC091	28	32	4	65.5	2.8	1.4	1.1	3.7	0.5	31.1	0.2	23.8	6.5	4.4	0.5	0.2	15.2	1.3	158.2	16.6
23ELAC091	32	36	4	49.0	2.4	1.4	0.8	2.9	0.5	25.0	0.2	17.4	5.0	3.3	0.4	0.2	14.1	1.3	123.7	14.9
23ELAC091	36	40	4	44.7	2.1	1.3	0.8	2.5	0.4	22.2	0.2	16.0	4.5	2.9	0.4	0.2	13.0	1.2	112.5	12.9
23ELAC091	40	44	4	43.7	2.4	1.3	0.9	2.8	0.5	23.8	0.2	18.6	4.8	3.2	0.4	0.2	14.3	1.2	118.2	13.7
23ELAC091	44	48	4	44.4	2.2	1.3	0.9	2.7	0.5	24.5	0.2	18.4	4.8	3.2	0.4	0.2	14.1	1.2	118.9	12.4
23ELAC091	48	52	4	50.1	2.2	1.3	0.9	2.7	0.5	28.9	0.2	19.3	5.3	3.3	0.4	0.2	13.9	1.2	130.1	11.4
23ELAC091	52	55	3	45.7	2.4	1.4	0.9	2.9	0.5	25.4	0.2	18.1	5.1	3.4	0.4	0.2	14.0	1.3	121.9	15.0
23ELAC092	40	44	4	51.8	2.8	1.6	1.0	3.4	0.5	26.6	0.2	20.8	5.4	4.0	0.5	0.2	16.4	1.5	136.8	17.7
23ELAC092	44	45	1	50.6	2.9	1.7	1.0	3.4	0.6	25.4	0.2	21.1	5.5	4.1	0.5	0.2	17.5	1.5	136.4	19.6
23ELAC093	52	56	4	54.5	2.9	1.7	0.9	3.4	0.5	29.0	0.2	21.2	5.5	3.8	0.5	0.2	16.8	1.6	142.8	17.8
23ELAC093	16	17	1	27.2	2.2	1.4	0.7	2.5	0.5	21.4	0.2	14.6	4.0	2.7	0.4	0.2	14.6	1.3	93.8	19.6
23ELAC093	17	18	1	136.5	5.7	2.7	3.1	9.2	1.0	133.1	0.3	89.5	25.2	13.7	1.0	0.4	31.7	2.1	455.3	17.9
23ELAC093	18	19	1	272.9	8.4	3.8	4.9	13.9	1.5	195.3	0.4	138.8	39.3	21.1	1.5	0.5	42.0	2.9	747.2	20.7
23ELAC093	19	20	1	515.4	12.9	6.1	6.7	20.2	2.4	247.5	0.7	171.5	47.4	27.9	2.4	0.8	64.1	4.8	1130.8	23.2
23ELAC093	20	21	1	323.3	9.4	4.3	4.8	14.3	1.7	181.2	0.5	117.8	32.4	19.2	1.8	0.6	48.3	3.6	763.1	19.2
23ELAC093	21	22	1	236.6	8.4	4.5	3.7	11.9	1.6	131.9	0.6	83.6	22.4	14.4	1.5	0.6	50.7	3.8	576.2	16.1
23ELAC093	22	23	1	116.9	8.4	5.1	3.2	10.6	1.8	104.7	0.7	66.7	18.3	12.2	1.4	0.8	59.1	4.6	414.4	16.3
23ELAC093	23	24	1	86.4	7.4	4.4	2.6	8.9	1.5	86.6	0.6	52.4	14.5	9.7	1.2	0.6	50.7	3.8	331.4	16.0
23ELAC093	24	25	1	70.6	6.4	4.1	1.9	6.9	1.4	64.3	0.6	37.4	10.4	7.0	1.0	0.6	48.0	3.5	264.2	18.3
23ELAC093	25	26	1	82.0	6.6	4.1	2.1	7.5	1.4	76.2	0.5	40.7	10.9	7.3	1.1	0.6	54.1	3.4	298.6	16.9
23ELAC093	26	27	1	61.6	5.4	3.6	1.4	5.6	1.2	50.4	0.5	28.8	7.8	5.3	0.8	0.5	50.4	2.9	226.2	17.6
23ELAC093	56	57	1	94.1	3.6	2.1	1.5	4.6	0.7	49.1	0.3	34.6	9.8	5.9	0.6	0.3	22.4	1.9	231.6	17.3
23ELAC094	56	60	4	61.6	2.9	1.6	1.1	3.4	0.5	31.1	0.2	22.3	5.9	4.1	0.5	0.2	16.1	1.5	152.8	13.5
23ELAC094	60	61	1	241.3	4.3	2.2	2.6	6.8	0.8	153.6	0.3	78.0	23.4	11.0	0.8	0.3	25.8	1.9	553.2	5.4
23ELAC095	29	30	1	276.4	14.3	6.2	6.1	20.3	2.5	208.8	0.6	128.3	34.3	23.0	2.7	0.8	63.9	4.3	792.4	105.8
23ELAC095	30	31	1	139.4	8.1	3.7	3.0	10.0	1.4	95.6	0.4	62.4	16.9	10.7	1.5	0.5	35.3	2.8	391.5	67.9

Hole ID	From (m)	To (m)	Interval (m)	Ce_2O_3 (ppm)	Dy_2O_3 (ppm)	Er_2O_3 (ppm)	Eu_2O_3 (ppm)	Gd_2O_3 (ppm)	Ho_2O_3 (ppm)	La_2O_3 (ppm)	Lu_2O_3 (ppm)	Nd_2O_3 (ppm)	Pr_2O_3 (ppm)	Sm_2O_3 (ppm)	Tb_2O_3 (ppm)	Tm_2O_3 (ppm)	Y_2O_3 (ppm)	Yb_2O_3 (ppm)	TREO (ppm)	Sc_2O_3 (ppm)
23ELAC095	31	32	1	107.6	12.0	7.2	3.2	12.0	2.5	82.7	0.7	52.3	13.3	10.3	1.9	0.9	79.7	5.3	391.6	88.8
23ELAC095	32	33	1	152.3	15.6	8.1	4.7	17.5	3.0	118.5	0.8	75.0	19.1	14.8	2.7	1.0	96.3	5.6	534.9	85.3
23ELAC095	33	34	1	96.9	11.5	6.8	3.1	11.3	2.3	67.1	0.7	47.2	12.1	9.3	1.8	0.9	76.3	5.4	352.7	71.9
23ELAC095	34	35	1	137.6	10.1	5.7	3.0	10.7	2.0	99.5	0.7	58.0	15.9	9.9	1.7	0.8	63.7	4.8	424.1	28.5
23ELAC095	35	36	1	138.8	5.8	3.5	1.9	6.4	1.2	97.7	0.4	46.3	14.0	6.6	1.0	0.5	40.8	2.9	367.7	10.0
23ELAC095	36	37	1	146.4	6.2	3.4	2.2	7.4	1.2	103.4	0.4	51.0	15.3	7.7	1.1	0.4	42.4	2.5	391.0	10.0
23ELAC095	37	38	1	134.7	4.8	2.7	1.8	5.9	1.0	91.5	0.3	45.0	13.4	6.4	0.8	0.3	34.7	2.1	345.3	6.0
23ELAC095	38	39	1	113.6	3.0	1.7	1.3	3.7	0.6	74.5	0.2	35.5	11.0	4.8	0.5	0.2	20.7	1.4	272.7	6.0
23ELAC096	24	27	3	138.2	2.1	1.1	1.2	3.6	0.4	79.3	0.1	43.0	13.1	5.7	0.4	0.1	13.4	0.9	302.7	1.9
23ELAC097	16	20	4	236.6	8.6	4.0	3.2	10.3	1.4	106.0	0.5	65.3	18.4	11.9	1.4	0.6	31.0	4.0	503.3	31.7
23ELAC098	20	23	3	143.5	12.2	6.6	4.0	14.3	2.2	131.9	0.8	75.1	21.7	14.1	2.0	0.9	67.2	6.0	502.7	42.9
23ELAC099	20	24	4	114.6	2.9	1.6	1.1	3.3	0.5	51.7	0.2	30.0	9.3	4.6	0.5	0.2	13.8	1.7	236.2	68.1
23ELAC100	28	32	4	48.1	2.7	1.5	0.9	3.1	0.5	25.7	0.2	19.7	5.1	3.6	0.4	0.2	15.9	1.5	129.4	17.7
23ELAC101	36	40	4	49.9	3.0	1.8	1.0	3.5	0.6	26.0	0.2	20.1	5.2	3.9	0.5	0.2	18.7	1.7	136.4	17.6
23ELAC102	44	47	3	53.9	2.8	1.6	1.0	3.3	0.5	27.8	0.2	20.3	5.3	3.7	0.4	0.2	16.2	1.5	138.8	16.3
23ELAC103	36	40	4	57.6	2.8	1.6	1.0	3.4	0.5	29.9	0.2	21.5	5.7	4.0	0.5	0.2	16.7	1.5	147.2	17.2
23ELAC103	14	15	1	7.9	1.9	1.3	0.5	1.5	0.4	5.8	0.2	6.9	1.7	1.6	0.3	0.2	9.3	1.7	41.0	22.2
23ELAC103	15	16	1	73.6	4.2	2.2	2.0	5.5	0.7	53.8	0.3	47.0	12.9	7.8	0.8	0.3	18.2	2.2	231.4	23.0
23ELAC103	16	17	1	426.4	18.0	7.0	9.2	27.2	2.8	258.0	0.6	216.4	61.9	35.0	3.6	0.8	63.5	4.8	1135.2	22.2
23ELAC103	17	18	1	180.4	13.1	5.5	5.5	18.6	2.2	161.3	0.5	114.2	29.5	19.8	2.5	0.7	49.8	3.9	607.5	18.3
23ELAC103	18	19	1	113.7	8.4	4.8	3.1	10.5	1.6	98.4	0.6	65.2	17.3	10.8	1.5	0.6	54.4	4.1	395.1	20.9
23ELAC103	19	20	1	85.2	5.3	3.0	2.0	6.5	1.0	66.0	0.4	45.5	12.0	7.5	0.9	0.4	31.4	2.6	269.7	19.9
23ELAC103	20	21	1	137.0	5.2	2.8	2.0	6.0	1.0	59.2	0.3	42.7	11.6	7.3	0.9	0.4	26.8	2.4	305.5	19.8
23ELAC103	21	22	1	127.7	5.3	3.0	2.0	6.1	1.0	60.0	0.4	42.2	11.4	7.5	0.9	0.4	28.2	2.7	298.8	20.4
23ELAC103	22	23	1	58.7	4.5	2.5	2.0	5.8	0.8	68.8	0.4	50.0	13.5	8.0	0.8	0.3	24.6	2.3	243.2	20.6
23ELAC103	23	24	1	88.6	4.6	2.6	1.7	5.1	0.8	47.7	0.3	35.2	9.3	6.2	0.8	0.4	24.4	2.4	230.1	19.8
23ELAC103	24	25	1	55.1	4.4	2.4	1.8	5.5	0.8	49.6	0.3	36.2	9.6	6.5	0.8	0.3	25.0	2.1	200.5	19.7
23ELAC103	25	26	1	54.9	3.9	2.3	1.5	4.5	0.8	41.6	0.3	28.9	7.9	5.2	0.7	0.3	21.9	2.2	176.8	19.8
23ELAC103	26	27	1	60.0	4.3	2.3	1.6	4.9	0.8	41.4	0.3	29.3	7.8	5.3	0.7	0.3	22.7	2.1	183.6	21.0
23ELAC103	27	28	1	57.3	3.7	2.1	1.3	4.1	0.7	34.1	0.3	24.7	6.7	4.3	0.6	0.3	23.2	1.8	165.3	16.0
23ELAC103	28	29	1	48.6	2.7	1.6	1.0	3.0	0.5	27.9	0.2	19.9	5.4	3.6	0.5	0.2	16.7	1.4	133.4	15.7
23ELAC103	29	30	1	44.4	2.3	1.4	0.9	2.6	0.5	22.9	0.2	17.4	4.8	3.1	0.4	0.2	14.2	1.3	116.6	16.3
23ELAC104	12	13	1	4.4	0.8	0.6	0.2	0.6	0.2	2.5	0.1	2.3	0.6	0.5	0.1	0.1	5.0	0.8	18.7	34.8
23ELAC104	13	14	1	3.8	1.2	0.9	0.2	0.7	0.3	1.5	0.2	2.1	0.5	0.7	0.2	0.1	6.0	1.1	19.3	27.6
23ELAC104	14	15	1	34.8	1.6	1.2	0.3	1.0	0.4	2.3	0.2	3.2	0.8	0.9	0.2	0.2	7.5	1.7	56.4	21.4
23ELAC104	15	16	1	54.0	1.3	1.0	0.2	0.8	0.3	1.8	0.2	2.7	0.6	0.7	0.2	0.2	5.3	1.4	70.8	22.0
23ELAC104	16	17	1	422.8	7.1	3.4	3.1	9.3	1.2	90.9	0.4	74.9	19.9	12.2	1.3	0.4	27.4	3.0	677.4	20.2
23ELAC104	17	18	1	294.0	7.3	3.2	3.6	10.5	1.2	107.7	0.4	85.1	23.2	14.1	1.4	0.4	28.8	2.8	583.7	20.1
23ELAC104	18	19	1	88.7	6.1	3.0	3.0	8.2	1.0	88.2	0.4	72.0	20.0	11.9	1.1	0.4	25.3	2.8	332.0	22.9
23ELAC104	19	20	1	122.4	5.6	2.9	2.9	7.6	1.0	91.1	0.4	78.1	21.4	12.0	1.0	0.4	24.6	2.7	374.1	19.0
23ELAC104	20	21	1	138.8	5.3	2.8	2.4	6.6	1.0	69.2	0.4	54.4	14.4	9.2	1.0	0.4	24.8	2.6	333.1	16.6
23ELAC104	21	22	1	240.1	11.4	5.5	5.2	15.0	1.9	158.3	0.6	115.2	31.4	19.4	2.0	0.7	54.1	4.5	665.4	20.6
23ELAC104	22	23	1	171.6	6.0	3.0	2.5	7.5	1.0	78.5	0.4	55.4	15.2	9.7	1.1	0.4	27.7	2.6	382.5	17.7
23ELAC104	23	24	1	126.5	8.8	5.0	3.1	10.1	1.6	92.9	0.6	64.3	17.3	11.4	1.4	0.7	52.7	4.1	400.5	18.6
23ELAC104	24	25	1	141.1	18.5	10.8	5.8	19.8	3.5	154.8	1.3	102.5	26.9	19.5	3.0	1.4	113.3	9.0	631.2	19.1
23ELAC104	25	26	1	71.3	13.1	9.8	2.4	11.5	3.0	63.3	1.2	36.5	9.2	7.1	1.8	1.3	131.4	7.6	370.6	19.0
23ELAC104	26	27	1	54.1	3.2	2.0	1.0	3.4	0.6	30.3	0.3	20.1	5.4	3.7	0.5	0.3	23.7	1.8	150.5	16.8
23ELAC104	27	28	1	62.3	3.6	2.1	1.2	4.0	0.7	34.7	0.3	25.0	6.7	4.3	0.6	0.3	22.7	1.8	170.3	17.6
23ELAC104	28	29	1	58.1	3.2	1.8	1.2	3.7	0.6	34.6	0.2	22.7	6.1	4.2	0.5	0.2	19.0	1.5	157.9	17.6

Hole ID	From (m)	To (m)	Interval (m)	Ce_2O_3 (ppm)	Dy_2O_3 (ppm)	Er_2O_3 (ppm)	Eu_2O_3 (ppm)	Gd_2O_3 (ppm)	Ho_2O_3 (ppm)	La_2O_3 (ppm)	Lu_2O_3 (ppm)	Nd_2O_3 (ppm)	Pr_2O_3 (ppm)	Sm_2O_3 (ppm)	Tb_2O_3 (ppm)	Tm_2O_3 (ppm)	Y_2O_3 (ppm)	Yb_2O_3 (ppm)	TREO (ppm)	Sc_2O_3 (ppm)
23ELAC104	29	30	1	56.9	3.2	1.7	1.2	3.8	0.6	33.5	0.2	22.3	6.0	4.1	0.5	0.2	18.3	1.5	154.1	17.0
23ELAC104	30	31	1	62.4	3.4	2.0	1.2	3.8	0.6	32.3	0.3	24.4	6.5	4.5	0.6	0.3	20.7	1.8	164.8	22.4
23ELAC104	31	32	1	53.1	2.9	1.7	1.1	3.2	0.5	28.6	0.2	19.9	5.4	3.6	0.5	0.2	17.3	1.5	139.7	17.3
23ELAC104	32	33	1	50.4	2.8	1.7	1.0	3.2	0.5	26.4	0.2	19.6	5.1	3.6	0.5	0.2	16.5	1.5	133.2	17.6
23ELAC104	33	34	1	49.2	2.7	1.6	1.0	3.0	0.5	25.4	0.2	19.3	5.1	3.5	0.4	0.2	15.5	1.5	129.2	16.9
23ELAC104	34	35	1	50.2	2.7	1.5	1.0	3.0	0.5	27.1	0.2	19.0	5.1	3.5	0.4	0.2	15.0	1.4	130.9	16.3
23ELAC104	35	36	1	53.3	2.9	1.6	1.0	3.3	0.5	28.5	0.2	20.2	5.3	3.7	0.5	0.2	16.0	1.5	138.7	17.5
23ELAC104	36	37	1	49.5	2.4	1.4	1.0	2.7	0.4	25.9	0.2	18.1	5.0	3.2	0.4	0.2	13.7	1.3	125.5	14.9
23ELAC104	37	38	1	51.3	2.7	1.5	1.0	3.1	0.5	26.7	0.2	19.5	5.3	3.6	0.5	0.2	15.1	1.4	132.6	16.8
23ELAC104	38	39	1	54.0	2.7	1.5	1.0	3.1	0.5	28.4	0.2	20.3	5.5	3.7	0.5	0.2	15.2	1.4	138.2	15.6
23ELAC104	39	40	1	54.9	2.9	1.7	1.0	3.2	0.5	28.4	0.2	20.5	5.4	3.6	0.5	0.2	16.4	1.5	141.0	17.5
23ELAC104	40	41	1	50.0	2.8	1.5	1.0	3.0	0.5	25.9	0.2	19.0	5.1	3.4	0.4	0.2	15.1	1.4	129.6	16.9
23ELAC104	41	42	1	48.6	2.7	1.5	0.9	3.0	0.5	25.1	0.2	18.8	5.0	3.5	0.4	0.2	14.8	1.4	126.7	16.0
23ELAC104	42	43	1	49.0	2.8	1.6	1.0	3.1	0.5	25.0	0.2	18.7	5.0	3.5	0.5	0.2	15.4	1.5	127.8	17.3
23ELAC104	43	44	1	55.5	3.1	1.7	1.1	3.4	0.6	28.9	0.2	20.7	5.6	3.8	0.5	0.2	17.0	1.6	143.9	18.1
23ELAC104	44	45	1	57.6	3.1	1.8	1.1	3.4	0.6	29.6	0.2	22.3	5.9	4.1	0.5	0.2	17.3	1.6	149.4	17.4
23ELAC105	40	44	4	56.0	2.6	1.4	0.9	3.2	0.5	29.4	0.2	20.9	5.5	3.8	0.4	0.2	15.0	1.4	141.4	15.3
23ELAC105	44	45	1	52.9	2.7	1.6	1.0	3.1	0.5	28.1	0.2	20.1	5.4	3.6	0.5	0.2	15.4	1.4	136.9	14.9
23ELAC106	44	48	4	52.2	2.3	1.3	0.8	2.8	0.4	29.4	0.2	18.8	5.1	3.3	0.4	0.2	14.0	1.3	132.7	12.9
23ELAC107	0	4	4	74.3	3.2	1.8	0.9	3.7	0.6	33.7	0.2	24.0	6.5	4.2	0.5	0.3	19.0	1.8	174.6	32.8
23ELAC107	4	8	4	56.6	2.8	1.6	0.8	3.1	0.5	27.7	0.2	21.1	5.6	3.8	0.4	0.2	15.4	1.6	141.4	34.7
23ELAC107	8	12	4	38.3	1.8	1.1	0.5	2.0	0.4	15.4	0.2	12.4	3.3	2.3	0.3	0.2	9.8	1.2	89.1	37.3
23ELAC107	12	16	4	8.2	0.7	0.5	0.1	0.6	0.1	6.3	0.1	3.2	0.9	0.7	0.1	0.1	4.7	0.5	26.7	18.1
23ELAC107	16	20	4	111.2	1.5	1.0	0.4	1.5	0.3	11.2	0.2	8.4	2.2	1.6	0.2	0.2	9.4	1.3	150.7	12.7
23ELAC107	20	24	4	149.9	4.9	2.6	2.1	6.6	0.9	87.6	0.4	58.7	16.2	9.4	0.8	0.4	23.4	2.6	366.6	13.9
23ELAC107	24	28	4	74.3	5.8	3.1	1.9	7.1	1.1	77.6	0.4	43.5	12.2	7.5	1.0	0.4	37.6	2.8	276.4	14.8
23ELAC107	28	32	4	62.3	2.9	1.6	1.0	3.5	0.6	41.6	0.2	24.7	6.7	4.2	0.5	0.2	21.0	1.5	172.6	15.1
23ELAC107	32	36	4	64.5	2.8	1.5	0.9	3.3	0.5	36.5	0.2	22.0	6.2	3.8	0.5	0.2	17.8	1.5	162.2	13.4
23ELAC107	36	40	4	54.1	2.4	1.3	0.8	2.8	0.5	30.3	0.2	19.0	5.2	3.3	0.4	0.2	15.6	1.4	137.5	13.1
23ELAC107	40	44	4	63.7	2.8	1.5	0.9	3.4	0.5	38.0	0.2	21.9	6.1	3.7	0.5	0.2	17.3	1.5	162.2	13.9
23ELAC107	44	45	1	64.9	2.6	1.5	0.9	3.0	0.6	34.2	0.2	22.5	6.2	3.7	0.4	0.2	17.1	1.4	159.5	13.2
23ELAC108	48	51	3	49.8	2.4	1.3	0.9	2.8	0.5	26.9	0.2	18.1	4.8	3.2	0.4	0.2	15.0	1.3	127.7	14.2
23ELAC109	56	59	3	41.5	2.0	1.1	0.8	2.4	0.4	24.5	0.2	15.5	4.2	2.8	0.3	0.2	12.6	1.1	109.5	12.5
23ELAC109	24	25	1	345.5	11.0	4.8	4.7	14.5	2.0	202.9	0.6	124.2	35.0	19.2	1.9	0.7	51.2	4.0	822.3	26.5
23ELAC109	25	26	1	238.9	6.6	2.8	3.2	9.0	1.0	137.8	0.3	82.1	24.5	12.9	1.2	0.4	26.5	2.4	549.7	28.5
23ELAC109	26	27	1	299.9	6.7	2.8	3.3	9.2	1.0	164.8	0.3	87.7	28.0	13.3	1.3	0.3	29.1	2.2	649.9	31.1
23ELAC109	27	28	1	169.8	5.0	2.3	2.2	6.4	0.8	104.3	0.3	56.1	16.2	8.9	0.9	0.3	24.8	1.9	400.1	26.9
23ELAC109	28	29	1	69.7	3.7	2.0	1.3	4.3	0.7	40.1	0.2	26.6	7.0	4.7	0.6	0.3	20.4	1.8	183.4	16.4
23ELAC109	29	30	1	54.0	3.3	2.0	1.0	3.4	0.6	28.3	0.3	19.5	5.2	3.7	0.5	0.3	19.8	1.9	143.9	14.8
23ELAC109	30	31	1	62.4	3.5	2.1	1.1	3.8	0.7	33.9	0.3	23.2	6.1	4.2	0.6	0.3	21.3	2.0	165.6	15.2
23ELAC109	31	32	1	61.6	3.5	2.1	1.2	3.8	0.7	33.8	0.3	22.9	6.1	4.1	0.6	0.3	22.1	1.9	164.9	15.0
23ELAC109	32	33	1	54.2	3.4	2.1	1.0	3.6	0.7	27.2	0.3	19.9	5.2	3.8	0.5	0.3	21.0	2.0	145.2	15.2
23ELAC109	33	34	1	52.8	2.9	1.8	0.9	3.2	0.6	28.1	0.3	19.4	5.2	3.6	0.5	0.3	18.7	1.7	140.0	13.1
23ELAC109	34	35	1	47.4	2.4	1.6	0.8	3.0	0.5	25.4	0.2	17.5	4.7	3.3	0.4	0.2	16.3	1.5	125.3	14.4
23ELAC109	35	36	1	51.7	2.7	1.7	0.9	3.0	0.6	27.2	0.2	19.1	5.2	3.6	0.4	0.2	17.7	1.7	135.8	15.2
23ELAC109	36	37	1	48.0	2.6	1.5	0.8	3.0	0.5	24.7	0.2	18.5	4.9	3.6	0.4	0.2	16.7	1.6	127.5	14.2
23ELAC109	37	38	1	41.8	2.5	1.5	0.8	2.8	0.5	22.0	0.2	16.6	4.4	3.2	0.4	0.2	15.7	1.5	114.2	14.7
23ELAC109	38	39	1	70.4	2.6	1.5	0.9	3.2	0.5	39.8	0.2	23.9	6.7	4.0	0.4	0.2	15.6	1.4	171.3	14.4
23ELAC109	39	40	1	40.5	2.4	1.4	0.8	2.8	0.5	20.3	0.2	16.4	4.3	3.3	0.4	0.2	14.4	1.5	109.4	14.0

Hole ID	From (m)	To (m)	Interval (m)	Ce_2O_3 (ppm)	Dy_2O_3 (ppm)	Er_2O_3 (ppm)	Eu_2O_3 (ppm)	Gd_2O_3 (ppm)	Ho_2O_3 (ppm)	La_2O_3 (ppm)	Lu_2O_3 (ppm)	Nd_2O_3 (ppm)	Pr_2O_3 (ppm)	Sm_2O_3 (ppm)	Tb_2O_3 (ppm)	Tm_2O_3 (ppm)	Y_2O_3 (ppm)	Yb_2O_3 (ppm)	TREO (ppm)	Sc_2O_3 (ppm)
23ELAC109	40	41	1	51.1	2.4	1.4	0.8	2.9	0.5	25.6	0.2	19.4	5.1	3.6	0.4	0.2	14.9	1.5	130.1	15.1
23ELAC109	41	42	1	50.6	2.4	1.4	0.9	2.9	0.5	26.9	0.2	19.4	5.2	3.5	0.4	0.2	14.2	1.4	129.9	14.7
23ELAC110	52	54	2	44.0	2.4	1.3	0.9	2.7	0.5	22.1	0.2	15.9	4.2	3.0	0.4	0.2	14.2	1.2	113.2	14.4
23ELAC111	48	50	2	44.2	2.5	1.4	0.9	2.9	0.5	24.2	0.2	19.1	5.0	3.6	0.4	0.2	15.3	1.3	121.7	14.2
23ELAC111	22	23	1	41.6	2.5	1.5	0.9	3.0	0.5	24.7	0.2	18.7	5.0	3.5	0.4	0.2	14.4	1.5	118.6	15.8
23ELAC111	23	24	1	50.5	3.1	1.8	1.1	3.9	0.6	34.0	0.3	24.6	6.4	4.5	0.5	0.3	18.4	1.7	151.6	16.2
23ELAC111	24	25	1	41.5	3.1	1.7	1.1	3.8	0.6	33.4	0.2	25.1	6.7	4.5	0.5	0.3	18.2	1.6	142.3	16.3
23ELAC111	25	26	1	51.0	3.2	1.7	1.2	3.9	0.6	34.8	0.2	26.4	7.1	4.8	0.5	0.3	18.5	1.7	155.8	15.7
23ELAC111	26	27	1	52.0	3.8	2.1	1.3	4.7	0.7	42.8	0.3	28.6	7.5	5.3	0.6	0.3	22.3	1.8	174.1	16.5
23ELAC111	27	28	1	47.6	3.3	2.0	1.0	3.8	0.6	30.1	0.3	21.8	5.7	4.1	0.5	0.3	23.7	1.7	146.6	17.1
23ELAC111	28	29	1	46.0	2.5	1.4	0.9	3.1	0.5	24.4	0.2	18.8	4.9	3.6	0.4	0.2	15.6	1.3	123.9	16.2
23ELAC111	29	30	1	50.6	2.8	1.6	0.9	3.2	0.5	27.3	0.2	20.8	5.5	4.0	0.5	0.2	16.4	1.4	136.0	16.8
23ELAC111	30	31	1	41.0	2.4	1.4	0.8	2.9	0.5	22.6	0.2	17.6	4.6	3.4	0.4	0.2	15.0	1.3	114.3	16.2
23ELAC111	31	32	1	51.7	2.7	1.6	0.9	3.3	0.5	27.2	0.2	21.1	5.6	3.9	0.5	0.2	16.5	1.5	137.4	17.6
23ELAC112	44	46	2	49.2	2.5	1.4	0.9	3.1	0.5	27.0	0.2	19.3	5.0	3.5	0.4	0.2	15.7	1.3	130.2	17.5
23ELAC113	44	46	2	52.5	2.5	1.4	0.9	3.1	0.5	27.4	0.2	19.0	5.0	3.5	0.4	0.2	15.0	1.3	132.7	16.7
23ELAC114	48	51	3	55.3	3.0	1.7	1.1	3.6	0.6	26.6	0.2	19.9	5.2	3.8	0.5	0.2	19.3	1.6	142.7	18.7
23ELAC114	20	21	1	353.7	11.5	4.3	6.5	17.0	1.7	164.8	0.4	175.5	53.4	31.5	2.3	0.6	31.9	3.3	858.5	17.6
23ELAC114	21	22	1	916.0	13.4	5.0	7.2	19.7	2.1	187.6	0.5	179.6	52.8	32.8	2.6	0.7	38.5	4.1	1462.6	21.2
23ELAC114	22	23	1	906.6	9.5	4.1	4.4	12.9	1.6	117.9	0.5	103.1	28.7	19.2	1.8	0.6	34.4	3.8	1249.0	22.4
23ELAC114	23	24	1	670.0	31.3	12.3	14.8	45.3	4.9	433.9	1.2	375.6	100.5	65.1	5.9	1.6	98.9	9.7	1871.0	22.1
23ELAC114	24	25	1	226.6	20.5	9.1	8.8	28.7	3.4	269.7	1.0	210.0	55.4	36.5	3.7	1.2	77.1	7.8	959.6	18.2
23ELAC114	25	26	1	107.4	17.7	9.1	6.5	23.1	3.2	201.7	1.1	140.6	35.1	25.4	3.0	1.2	87.1	7.8	669.9	19.0
23ELAC114	26	27	1	80.8	11.8	6.8	3.6	14.3	2.3	113.3	0.9	71.3	17.3	13.2	1.9	0.9	71.0	6.0	415.4	19.4
23ELAC114	27	28	1	100.7	8.7	5.9	2.2	9.3	1.9	67.7	0.8	44.6	10.8	8.5	1.3	0.8	63.2	5.5	332.0	22.2
23ELAC114	28	29	1	75.8	8.2	6.2	1.6	7.5	1.9	48.3	0.9	30.6	7.3	5.8	1.1	0.9	67.2	5.9	269.3	21.5
23ELAC114	29	30	1	80.9	20.6	17.6	2.9	16.4	5.3	68.0	2.6	41.8	9.9	9.2	2.7	2.4	236.8	15.3	532.4	23.9
23ELAC115	32	35	3	17.4	1.8	1.3	0.2	1.3	0.4	12.3	0.3	4.3	1.3	1.0	0.2	0.2	13.4	1.8	57.3	4.9
23ELAC116	20	21	1	73.9	5.0	3.3	0.7	4.0	1.1	21.8	0.5	14.3	4.0	3.1	0.7	0.5	31.5	3.4	167.8	10.1
23ELAC116	21	22	1	71.8	5.6	3.4	1.2	6.4	1.1	70.6	0.4	38.8	11.6	6.3	0.9	0.5	44.8	3.2	266.6	8.7
23ELAC116	22	23	1	76.1	4.5	2.5	0.9	5.0	0.8	49.0	0.4	31.5	9.6	5.6	0.7	0.4	25.2	2.8	215.3	8.0
23ELAC116	23	24	1	24.8	2.5	1.9	0.3	1.8	0.5	10.1	0.3	7.8	2.3	1.8	0.4	0.3	15.6	2.3	72.8	9.2
23ELAC116	24	25	1	33.9	3.2	2.2	0.4	2.3	0.7	10.1	0.4	8.9	2.5	2.3	0.4	0.4	19.4	2.6	89.5	9.5
23ELAC116	25	26	1	64.0	4.2	2.6	0.7	3.7	0.8	27.1	0.4	24.1	7.1	4.8	0.6	0.4	21.1	3.2	164.9	8.7
23ELAC116	26	27	1	255.3	11.6	4.7	3.5	16.1	1.8	173.0	0.6	149.3	47.3	25.3	2.2	0.7	45.6	4.4	741.5	8.7
23ELAC116	27	28	1	154.0	12.9	6.7	2.5	14.9	2.3	123.7	0.9	85.5	23.9	16.2	2.2	1.0	73.3	6.5	526.6	6.5
23ELAC116	28	29	1	73.0	5.7	3.4	1.0	5.5	1.1	37.6	0.5	30.1	8.3	5.9	0.9	0.5	39.2	3.6	216.4	5.1
23ELAC116	29	30	1	40.4	4.3	2.7	0.7	4.0	0.8	26.5	0.4	20.8	5.7	4.2	0.7	0.4	29.7	3.2	144.6	4.8
23ELAC116	30	31	1	61.6	6.0	3.5	1.2	6.1	1.2	50.7	0.5	35.7	9.9	6.6	1.0	0.5	37.8	3.8	226.0	4.5
23ELAC116	31	32	1	72.6	4.6	2.9	0.8	4.3	0.9	33.8	0.5	24.5	6.7	4.7	0.7	0.4	30.0	3.1	190.5	4.4
23ELAC117	32	36	4	110.5	6.4	3.6	1.2	6.8	1.2	77.1	0.5	35.8	10.2	6.4	1.0	0.5	48.9	3.5	313.6	4.9
23ELAC118	48	52	4	77.4	3.8	2.2	0.8	4.2	0.8	42.6	0.3	24.7	6.9	4.5	0.6	0.3	29.8	2.2	201.2	4.5
23ELAC119	40	44	4	113.9	9.7	6.2	1.3	8.9	2.0	70.0	1.0	40.7	11.3	7.8	1.4	0.9	84.8	6.5	366.4	7.9
23ELAC120	14	15	1	5.2	1.5	1.2	0.1	0.7	0.3	2.0	0.3	1.6	0.4	0.5	0.2	0.2	9.1	2.0	25.3	11.1
23ELAC120	15	16	1	15.9	1.6	1.3	0.2	1.0	0.3	4.4	0.3	3.7	1.0	0.9	0.2	0.2	8.8	2.0	41.8	9.7
23ELAC120	16	17	1	102.3	5.1	2.5	1.2	5.7	0.9	54.8	0.4	42.0	12.1	7.6	0.9	0.4	20.5	3.0	259.2	13.6
23ELAC120	17	18	1	111.4	6.0	3.1	1.2	6.7	1.0	59.5	0.5	42.8	11.9	8.1	1.0	0.5	24.7	3.9	282.3	21.7
23ELAC120	18	19	1	152.3	8.7	3.9	2.0	10.4	1.4	96.8	0.6	66.7	18.1	12.5	1.5	0.6	34.8	4.3	414.6	19.7
23ELAC120	19	20	1	304.5	17.3	7.4	4.2	22.8	2.7	214.6	1.1	155.1	43.5	28.4	3.2	1.1	65.3	7.6	878.8	9.8

Hole ID	From (m)	To (m)	Interval (m)	Ce_2O_3 (ppm)	Dy_2O_3 (ppm)	Er_2O_3 (ppm)	Eu_2O_3 (ppm)	Gd_2O_3 (ppm)	Ho_2O_3 (ppm)	La_2O_3 (ppm)	Lu_2O_3 (ppm)	Nd_2O_3 (ppm)	Pr_2O_3 (ppm)	Sm_2O_3 (ppm)	Tb_2O_3 (ppm)	Tm_2O_3 (ppm)	Y_2O_3 (ppm)	Yb_2O_3 (ppm)	TREO (ppm)	Sc_2O_3 (ppm)
23ELAC120	20	21	1	491.9	24.6	10.3	6.2	33.8	3.9	340.1	1.3	237.9	66.6	41.4	4.6	1.4	106.8	9.7	1380.5	7.3
23ELAC120	21	22	1	288.1	20.3	9.6	4.0	25.8	3.5	247.5	1.3	146.4	40.7	26.2	3.6	1.4	101.7	9.3	929.3	7.3
23ELAC120	22	23	1	912.4	52.2	26.6	10.5	62.2	9.3	598.1	3.7	396.6	104.4	67.1	9.0	3.9	252.7	26.4	2535.2	19.5
23ELAC120	23	24	1	862.1	66.8	37.8	10.6	66.9	12.5	527.8	4.9	349.9	95.0	64.5	10.6	5.4	392.4	35.8	2542.9	18.3
23ELAC120	24	25	1	253.0	19.9	11.1	3.4	20.8	3.7	178.9	1.5	106.8	28.2	20.1	3.2	1.6	125.3	11.0	788.5	6.1
23ELAC120	25	26	1	182.7	15.1	9.0	2.3	15.6	3.0	127.2	1.4	72.8	19.4	13.6	2.4	1.4	97.7	9.7	573.3	6.5
23ELAC121	20	22	2	41.6	2.9	1.9	0.5	2.8	0.6	22.5	0.3	16.0	4.5	3.2	0.4	0.3	20.5	2.3	120.5	7.0
23ELAC122	8	12	4	64.2	4.6	2.8	0.7	4.2	0.9	33.0	0.4	19.8	5.5	4.0	0.7	0.4	33.0	3.0	177.1	6.8
23ELAC123	24	28	4	42.3	1.2	0.6	0.5	1.7	0.2	22.0	0.1	14.5	4.3	2.3	0.2	0.1	7.5	0.7	98.2	2.8
23ELAC123	4	5	1	56.3	2.8	1.6	0.7	3.0	0.5	24.5	0.2	17.7	4.8	3.3	0.4	0.2	13.8	1.6	131.5	19.6
23ELAC123	5	6	1	83.9	4.6	2.6	1.2	5.0	0.9	38.4	0.4	30.0	8.0	5.6	0.8	0.4	24.8	2.6	208.9	23.3
23ELAC123	6	7	1	52.2	2.6	1.5	0.7	2.8	0.5	24.7	0.2	18.8	5.0	3.3	0.4	0.2	14.5	1.5	129.1	20.0
23ELAC123	7	8	1	85.0	3.4	1.9	1.0	4.0	0.6	35.5	0.3	26.8	7.3	4.8	0.6	0.3	18.7	1.9	192.1	24.9
23ELAC123	8	9	1	216.7	5.6	3.1	1.5	6.5	1.0	94.2	0.4	47.5	14.6	7.7	0.9	0.4	31.9	2.7	434.6	19.7
23ELAC123	9	10	1	98.2	2.5	1.3	0.7	2.9	0.5	70.7	0.2	27.9	9.3	3.9	0.4	0.2	12.8	1.4	232.8	19.9
23ELAC123	10	11	1	99.4	1.9	1.1	0.5	2.3	0.4	93.0	0.2	26.9	9.9	3.2	0.3	0.2	10.0	1.1	250.5	13.6
23ELAC123	11	12	1	116.9	1.6	1.0	0.4	1.7	0.3	139.0	0.2	26.2	11.8	2.5	0.2	0.2	9.1	1.2	312.3	12.4
23ELAC123	12	13	1	151.7	2.3	1.4	0.6	2.5	0.4	156.0	0.2	38.5	16.4	4.0	0.4	0.2	12.2	1.6	388.3	13.9
23ELAC123	13	14	1	210.2	3.0	1.5	1.1	4.3	0.5	211.1	0.2	72.4	27.6	7.9	0.6	0.2	12.8	1.6	555.0	13.3
23ELAC123	14	15	1	123.6	2.5	1.2	0.8	3.5	0.4	143.7	0.2	49.9	18.2	5.8	0.5	0.2	11.7	1.3	363.4	15.5
23ELAC123	15	16	1	570.4	23.9	7.8	15.1	49.3	3.3	351.8	0.7	733.7	185.5	104.1	5.3	1.0	71.0	5.8	2128.6	23.5
23ELAC123	16	17	1	517.7	10.3	4.0	4.9	18.9	1.6	180.0	0.4	201.2	54.1	30.1	2.1	0.5	41.9	3.3	1071.2	11.7
23ELAC123	17	18	1	128.3	3.1	1.3	1.4	5.3	0.5	72.2	0.2	63.0	17.1	9.0	0.6	0.2	15.8	1.1	319.1	5.3
23ELAC123	18	19	1	88.3	2.4	1.2	0.9	3.6	0.4	44.4	0.2	34.8	9.6	5.4	0.5	0.2	13.5	1.1	206.6	6.7
23ELAC123	19	20	1	53.9	1.7	0.9	0.7	2.4	0.3	26.6	0.1	22.4	6.1	3.7	0.3	0.1	9.1	0.8	129.1	5.5
23ELAC123	20	21	1	81.1	1.8	0.8	0.8	3.1	0.3	40.6	0.1	31.5	8.6	4.7	0.4	0.1	8.9	0.6	183.3	4.4
23ELAC123	21	22	1	32.9	1.1	0.5	0.6	1.6	0.2	18.5	0.1	13.9	3.8	2.3	0.2	0.1	6.0	0.5	82.3	3.5
23ELAC123	22	23	1	45.9	1.3	0.6	0.6	1.8	0.2	20.0	0.1	14.1	4.0	2.4	0.2	0.1	7.5	0.5	99.5	4.3
23ELAC123	23	24	1	68.9	1.6	0.8	0.7	2.4	0.3	30.8	0.1	21.1	6.1	3.3	0.3	0.1	10.0	0.7	147.3	4.9
23ELAC123	28	29	1	65.5	2.1	1.1	0.8	2.9	0.4	35.3	0.1	24.8	6.9	4.1	0.4	0.1	12.3	1.0	157.9	6.1
23ELAC124	8	12	4	64.0	2.3	1.3	0.7	2.8	0.5	36.0	0.2	20.1	5.7	3.2	0.4	0.2	14.6	1.4	153.3	15.2
23ELAC125	8	9	1	46.1	2.6	1.5	0.7	2.8	0.5	20.3	0.2	18.1	4.8	3.4	0.4	0.2	14.1	1.5	117.4	15.8
23ELAC125	9	10	1	71.1	2.2	1.4	0.7	2.7	0.4	28.5	0.2	19.9	5.3	3.3	0.4	0.2	15.0	1.3	152.6	15.1
23ELAC125	10	11	1	202.6	7.4	3.6	2.5	10.4	1.3	163.6	0.4	102.4	29.0	14.2	1.3	0.5	45.5	2.9	587.7	18.8
23ELAC125	11	12	1	128.8	3.3	1.6	1.2	4.5	0.6	72.7	0.2	44.8	12.5	6.6	0.6	0.2	19.4	1.4	298.4	13.5
23ELAC125	12	13	1	47.3	1.5	0.8	0.7	2.0	0.3	25.4	0.1	18.1	5.1	2.8	0.3	0.1	8.7	0.8	114.0	6.9
23ELAC126	40	41	1	88.7	1.3	0.6	0.5	1.8	0.2	35.2	0.1	23.0	6.9	3.4	0.2	0.1	6.5	0.7	169.4	11.9
23ELAC126	41	42	1	106.9	1.3	0.7	0.4	1.7	0.2	23.2	0.1	18.8	5.5	2.8	0.2	0.1	6.1	0.7	168.6	10.2
23ELAC126	42	43	1	111.5	1.6	0.8	0.4	2.1	0.3	31.4	0.1	21.4	6.4	3.4	0.3	0.1	7.8	0.9	188.6	8.9
23ELAC126	43	44	1	161.6	2.5	1.3	0.6	3.4	0.4	59.8	0.2	37.0	11.3	5.8	0.5	0.2	12.5	1.3	298.5	9.2
23ELAC126	44	45	1	420.5	5.8	2.3	2.0	9.2	0.9	234.0	0.3	122.5	40.7	16.8	1.1	0.3	24.0	1.9	882.2	15.6
23ELAC126	45	46	1	367.8	4.4	1.8	2.0	7.6	0.7	126.7	0.2	100.2	29.0	14.7	0.9	0.2	17.1	1.4	674.6	14.2
23ELAC126	46	47	1	103.7	2.2	1.2	0.5	2.7	0.4	48.1	0.2	27.4	8.5	4.3	0.4	0.2	11.3	1.2	212.1	10.0
23ELAC126	47	48	1	387.7	5.3	2.0	2.2	8.7	0.8	160.7	0.2	108.4	32.1	16.2	1.0	0.3	20.0	1.6	747.1	14.0
23ELAC126	48	49	1	354.9	6.4	2.6	2.7	10.6	1.0	133.1	0.3	124.2	34.3	19.4	1.3	0.3	23.1	2.2	716.5	12.1
23ELAC126	49	50	1	319.8	11.2	4.6	4.7	17.9	1.7	269.7	0.5	221.6	65.8	32.6	2.1	0.6	44.6	4.0	1001.5	7.6
23ELAC126	50	51	1	192.1	11.2	6.3	3.0	13.0	2.1	126.7	0.9	128.9	35.5	21.2	1.8	0.9	56.9	6.3	606.6	8.1
23ELAC126	51	52	1	141.7	6.1	3.1	1.8	8.1	1.1	85.5	0.5	77.7	21.1	12.8	1.1	0.5	28.6	3.3	392.8	5.0
23ELAC126	52	53	1	219.0	7.2	3.5	2.4	10.3	1.2	99.6	0.5	100.2	26.9	16.8	1.3	0.5	34.5	3.6	527.5	5.3

Hole ID	From (m)	To (m)	Interval (m)	Ce_2O_3 (ppm)	Dy_2O_3 (ppm)	Er_2O_3 (ppm)	Eu_2O_3 (ppm)	Gd_2O_3 (ppm)	Ho_2O_3 (ppm)	La_2O_3 (ppm)	Lu_2O_3 (ppm)	Nd_2O_3 (ppm)	Pr_2O_3 (ppm)	Sm_2O_3 (ppm)	Tb_2O_3 (ppm)	Tm_2O_3 (ppm)	Y_2O_3 (ppm)	Yb_2O_3 (ppm)	TREO (ppm)	Sc_2O_3 (ppm)
23ELAC126	53	54	1	254.2	6.5	3.2	2.2	9.4	1.1	99.0	0.4	93.1	24.8	15.6	1.2	0.5	31.1	3.2	545.3	4.7
23ELAC126	54	55	1	222.0	4.6	2.2	1.5	6.6	0.8	67.3	0.3	58.6	15.3	9.9	0.8	0.3	21.6	2.1	413.9	3.3
23ELAC126	55	56	1	491.9	13.1	6.8	3.9	17.5	2.3	156.6	0.8	144.1	36.3	23.9	2.3	0.9	77.8	5.8	984.0	5.3
23ELAC127	30	31	1	45.0	1.3	0.7	0.4	1.5	0.2	60.6	0.1	14.5	5.5	2.1	0.2	0.1	5.3	0.7	138.3	8.5
23ELAC127	31	32	1	212.0	3.1	1.3	1.4	5.7	0.5	340.1	0.1	82.8	31.0	8.5	0.6	0.2	14.7	1.0	703.0	10.0
23ELAC127	32	33	1	172.8	3.4	1.3	1.7	6.1	0.5	142.5	0.2	82.8	24.5	11.4	0.7	0.2	12.6	1.2	461.8	9.0
23ELAC127	33	34	1	303.4	6.7	2.3	3.7	13.4	0.9	281.5	0.2	181.4	54.4	24.7	1.4	0.3	21.3	1.7	897.3	8.8
23ELAC127	34	35	1	195.6	5.7	1.9	2.8	10.7	0.8	219.3	0.2	132.4	38.0	18.7	1.2	0.3	18.4	1.5	647.5	7.3
23ELAC127	35	36	1	1528.5	9.0	3.4	4.3	15.4	1.3	176.5	0.4	170.9	46.6	27.0	1.8	0.5	30.0	3.1	2018.8	21.3
23ELAC127	36	37	1	447.4	13.8	5.5	6.9	25.5	2.1	304.9	0.6	298.6	79.0	43.4	2.8	0.7	51.1	4.7	1287.0	27.2
23ELAC127	37	38	1	386.5	10.5	4.9	4.5	16.9	1.7	387.0	0.7	210.0	66.5	28.1	2.0	0.7	50.0	4.7	1174.7	12.2
23ELAC127	38	39	1	595.0	10.8	4.7	5.3	18.6	1.7	363.6	0.5	257.8	76.9	34.0	2.2	0.6	48.5	4.1	1424.3	9.1
23ELAC127	39	40	1	488.4	17.7	8.2	6.2	27.3	3.0	225.8	0.9	215.2	55.1	34.7	3.3	1.0	91.1	6.7	1184.6	8.8
23ELAC127	40	41	1	477.9	17.6	9.2	5.2	25.2	3.2	199.4	1.1	176.7	44.6	28.5	3.0	1.2	118.2	7.7	1118.8	12.1
23ELAC127	41	42	1	123.0	3.7	1.8	1.2	4.8	0.7	63.0	0.2	44.8	12.9	6.6	0.6	0.2	19.1	1.4	283.9	4.7
23ELAC127	42	43	1	121.8	3.2	1.5	1.1	4.3	0.5	63.9	0.1	43.0	12.6	6.1	0.6	0.2	15.8	1.1	276.0	4.9
23ELAC128	8	9	1	50.1	1.2	0.7	0.5	1.7	0.2	33.3	0.1	15.9	4.8	2.3	0.2	0.1	6.2	0.7	118.1	5.6
23ELAC128	9	10	1	179.2	2.0	0.9	1.2	3.5	0.3	138.4	0.1	46.2	15.9	5.6	0.4	0.1	9.3	0.9	404.0	6.1
23ELAC128	10	11	1	209.7	2.0	0.8	1.4	3.9	0.3	141.9	0.1	56.1	19.0	6.6	0.4	0.1	8.2	0.7	451.2	5.4
23ELAC128	11	12	1	308.1	3.3	1.5	1.9	5.8	0.6	195.9	0.2	85.6	29.4	9.7	0.6	0.2	16.0	1.4	660.2	7.4
23ELAC128	12	13	1	305.7	4.8	2.2	2.8	8.3	0.8	151.9	0.3	115.7	35.5	15.0	1.0	0.3	22.4	1.9	668.4	7.0
23ELAC128	13	14	1	226.6	3.5	1.5	2.3	6.4	0.6	121.4	0.2	83.3	25.0	10.7	0.7	0.2	15.9	1.3	499.7	3.8
23ELAC128	14	15	1	285.8	4.4	1.9	2.3	7.8	0.7	144.3	0.3	105.6	32.9	14.1	0.9	0.3	18.9	1.7	621.8	3.3
23ELAC129	4	6	2	164.6	2.8	1.2	1.5	4.6	0.5	81.5	0.2	53.8	16.0	7.3	0.5	0.2	13.5	1.3	349.4	9.6
23ELAC130	0	1	1	62.4	2.2	1.2	0.8	2.7	0.4	34.5	0.2	23.7	6.8	3.5	0.4	0.2	11.2	1.2	151.3	15.6
23ELAC130	1	2	1	45.2	2.4	1.5	0.7	2.8	0.5	23.5	0.2	20.8	5.7	3.3	0.4	0.2	12.2	1.3	120.4	12.3
23ELAC130	2	3	1	46.1	2.3	1.4	0.7	2.5	0.4	23.1	0.2	20.1	5.6	3.2	0.4	0.2	11.3	1.3	118.7	9.4
23ELAC130	3	4	1	201.5	3.7	1.8	1.5	5.4	0.6	111.5	0.2	64.6	20.7	8.6	0.7	0.2	18.2	1.5	440.7	8.1
23ELAC130	4	5	1	120.1	2.5	1.3	1.1	3.1	0.4	62.3	0.2	39.0	12.2	5.4	0.4	0.2	12.1	1.3	261.5	5.1
23ELAC130	5	6	1	209.7	3.4	1.7	1.6	4.9	0.6	120.8	0.2	67.2	20.8	8.4	0.6	0.2	15.3	1.6	456.8	5.1
23ELAC130	6	7	1	158.7	2.7	1.4	1.4	3.9	0.5	88.3	0.2	53.0	16.0	6.8	0.5	0.2	13.1	1.3	347.9	5.4
23ELAC130	7	8	1	290.5	5.5	2.7	2.4	7.8	1.0	166.0	0.3	96.6	29.7	12.9	1.0	0.4	26.5	2.4	645.8	8.8
23ELAC130	8	9	1	340.8	7.2	3.6	2.9	10.1	1.3	173.6	0.4	110.9	34.6	15.9	1.3	0.5	35.8	3.1	742.0	14.6
23ELAC131	0	1	1	493.1	6.2	2.7	2.5	9.4	1.0	258.0	0.3	131.8	48.0	15.1	1.2	0.3	29.3	2.0	1001.0	13.6
23ELAC131	1	2	1	578.6	9.9	4.3	3.4	13.0	1.6	328.4	0.4	160.4	52.8	18.5	1.8	0.5	42.9	3.2	1219.7	14.5
23ELAC131	2	3	1	369.0	7.0	3.3	2.1	8.6	1.2	197.6	0.4	93.2	31.5	11.5	1.2	0.4	31.6	2.7	761.3	18.1
23ELAC131	3	4	1	489.6	7.5	2.9	3.1	11.6	1.2	281.5	0.3	147.5	47.7	17.7	1.5	0.3	31.7	2.1	1046.3	16.3
23ELAC131	4	5	1	692.2	8.4	2.9	3.8	13.7	1.2	387.0	0.2	207.0	67.3	23.1	1.7	0.3	32.9	2.0	1443.9	10.9
23ELAC131	5	6	1	356.1	4.8	2.0	1.8	7.0	0.8	201.7	0.2	94.5	34.3	11.1	0.9	0.3	19.6	1.6	736.6	9.3
23ELAC131	6	7	1	414.6	4.4	1.9	1.7	6.5	0.7	236.9	0.2	96.9	37.1	11.7	0.8	0.3	19.1	1.8	834.6	11.0
23ELAC131	7	8	1	399.4	3.2	1.3	1.7	5.4	0.5	235.7	0.2	96.6	36.2	10.5	0.6	0.2	12.9	1.1	805.5	8.3
23ELAC131	8	9	1	343.2	3.2	1.4	1.6	5.2	0.5	202.3	0.2	86.7	31.6	9.6	0.6	0.2	13.5	1.2	700.9	9.6
23ELAC131	9	10	1	572.8	6.2	2.8	2.5	9.6	1.0	328.4	0.4	154.0	56.4	17.6	1.2	0.4	27.2	2.6	1183.0	18.4
23ELAC131	10	11	1	762.5	8.1	3.1	3.5	13.0	1.3	469.1	0.4	216.4	75.1	23.4	1.6	0.4	32.1	2.6	1612.5	20.3
23ELAC131	11	12	1	344.4	3.8	1.4	1.9	6.1	0.6	211.7	0.2	93.3	33.4	10.8	0.7	0.2	15.4	1.1	724.9	13.8
23ELAC131	12	13	1	412.3	5.0	2.1	2.1	7.9	0.8	258.0	0.2	116.3	41.4	13.6	1.0	0.3	21.3	1.8	884.2	15.6
23ELAC131	13	14	1	315.1	4.7	1.9	2.1	7.6	0.8	210.5	0.2	100.1	33.6	12.1	0.9	0.2	20.3	1.6	711.7	12.1
23ELAC131	14	15	1	317.4	6.1	2.7	2.2	8.6	1.0	183.0	0.3	93.0	29.8	11.9	1.1	0.3	25.8	2.1	685.2	12.9
23ELAC131	15	16	1	176.3	4.7	2.4	1.6	6.4	0.8	115.9	0.3	59.6	17.7	8.1	0.8	0.3	25.0	2.2	421.9	10.2

Hole ID	From (m)	To (m)	Interval (m)	Ce_2O_3 (ppm)	Dy_2O_3 (ppm)	Er_2O_3 (ppm)	Eu_2O_3 (ppm)	Gd_2O_3 (ppm)	Ho_2O_3 (ppm)	La_2O_3 (ppm)	Lu_2O_3 (ppm)	Nd_2O_3 (ppm)	Pr_2O_3 (ppm)	Sm_2O_3 (ppm)	Tb_2O_3 (ppm)	Tm_2O_3 (ppm)	Y_2O_3 (ppm)	Yb_2O_3 (ppm)	TREO (ppm)	Sc_2O_3 (ppm)
23ELAC131	16	17	1	271.7	4.6	2.4	1.9	6.9	0.8	160.7	0.3	86.9	29.6	10.6	0.8	0.3	26.8	2.1	606.6	9.8
23ELAC131	17	18	1	151.7	2.5	1.1	1.4	3.9	0.4	90.7	0.2	49.1	15.9	6.1	0.5	0.2	12.6	1.0	337.1	4.6
23ELAC132	9	10	1	122.4	2.3	1.0	0.9	3.3	0.4	82.7	0.1	32.5	11.8	4.4	0.4	0.1	11.1	0.9	274.5	7.0
23ELAC132	10	11	1	112.3	1.9	0.8	0.9	2.9	0.3	73.1	0.1	31.0	10.9	4.3	0.4	0.1	9.2	0.7	249.0	6.1
23ELAC132	11	12	1	156.4	3.9	1.9	1.2	5.5	0.7	103.3	0.3	55.5	18.8	7.8	0.7	0.3	18.5	1.8	376.7	10.9
23ELAC132	12	13	1	111.5	2.6	1.2	0.7	3.9	0.4	63.0	0.2	37.1	12.5	5.7	0.5	0.2	11.7	1.1	252.3	10.9
23ELAC132	13	14	1	128.8	2.5	1.1	0.8	3.9	0.4	69.0	0.1	41.4	14.0	6.0	0.5	0.1	11.1	0.9	280.7	8.5
23ELAC132	14	15	1	352.6	6.2	2.9	1.3	10.0	1.0	171.2	0.4	112.3	38.7	16.2	1.2	0.4	29.0	2.6	746.0	13.9
23ELAC132	15	16	1	257.7	4.6	2.1	1.3	7.3	0.7	133.7	0.3	82.1	28.8	11.8	0.9	0.3	22.0	1.8	555.4	9.2
23ELAC132	16	17	1	179.2	2.9	1.3	1.1	4.8	0.5	124.9	0.2	56.3	19.5	7.7	0.6	0.2	13.2	1.1	413.4	6.5
23ELAC132	17	18	1	104.9	1.8	0.8	1.0	3.0	0.3	70.7	0.1	34.6	11.8	4.8	0.4	0.1	8.5	0.7	243.7	5.1
23ELAC132	18	19	1	82.7	1.6	0.7	0.9	2.6	0.3	50.0	0.1	27.3	9.1	4.0	0.3	0.1	7.6	0.7	188.0	4.9
23ELAC132	19	20	1	86.2	1.8	0.8	1.0	3.1	0.3	50.0	0.1	30.0	9.7	4.5	0.4	0.1	8.2	0.7	196.8	4.7
23ELAC132	20	21	1	98.7	2.0	0.9	1.0	3.3	0.3	49.0	0.1	33.1	10.4	4.9	0.4	0.1	9.0	0.8	214.0	5.2
23ELAC132	21	22	1	79.4	1.8	0.9	0.9	2.7	0.3	42.2	0.1	25.9	8.3	4.0	0.3	0.1	8.3	0.9	176.1	3.8
23ELAC132	22	23	1	125.9	2.7	1.0	1.6	4.5	0.4	71.5	0.1	45.3	14.0	7.0	0.5	0.1	10.6	0.8	286.1	2.7
23ELAC132	23	24	1	120.6	3.2	1.4	1.4	4.7	0.5	68.6	0.2	43.7	13.8	6.9	0.6	0.2	13.8	1.4	281.1	4.8
23ELAC133	0	3	3	27.2	2.2	1.3	0.5	2.4	0.4	16.3	0.2	13.4	3.4	2.5	0.3	0.2	13.8	1.5	85.6	12.3
23ELAC134	0	1	1	19.7	2.8	1.6	0.5	2.2	0.5	8.6	0.2	6.6	1.8	1.7	0.4	0.2	14.5	1.6	63.0	8.5
23ELAC134	1	2	1	45.0	3.5	2.0	0.6	3.0	0.7	27.6	0.3	16.2	5.1	2.8	0.5	0.3	18.0	2.0	127.5	8.3
23ELAC134	2	3	1	110.3	3.9	2.2	0.7	3.5	0.7	57.2	0.3	28.0	9.8	4.0	0.6	0.3	20.2	2.1	243.9	6.8
23ELAC134	3	4	1	172.2	5.0	3.0	1.1	5.4	1.0	81.9	0.4	43.2	14.5	6.1	0.8	0.4	32.0	2.5	369.5	7.4
23ELAC134	4	5	1	434.6	6.1	3.3	1.7	8.7	1.2	197.0	0.3	100.4	36.4	12.1	1.1	0.4	47.5	2.4	853.2	7.2
23ELAC134	5	6	1	418.2	4.7	2.5	1.6	7.4	0.8	188.8	0.3	98.4	37.0	11.8	0.9	0.3	31.9	1.9	806.4	7.1
23ELAC134	6	7	1	343.2	4.7	2.4	1.6	6.8	0.8	127.8	0.3	75.5	25.4	10.2	0.9	0.3	24.3	2.0	626.1	7.7
23ELAC134	7	8	1	337.3	4.9	2.5	1.6	7.0	0.9	128.4	0.3	75.1	24.9	10.3	0.9	0.3	25.0	2.1	621.4	8.6
23ELAC134	8	9	1	331.5	5.0	2.5	1.6	7.0	0.9	129.0	0.3	75.0	24.7	10.4	0.9	0.3	24.7	2.2	616.0	8.9
23ELAC134	9	10	1	328.0	4.4	2.2	1.5	6.3	0.7	142.5	0.3	80.4	28.2	10.4	0.8	0.3	21.2	1.9	629.0	7.4
23ELAC134	10	11	1	434.6	5.4	2.6	2.0	8.5	0.9	201.1	0.3	111.7	40.6	14.0	1.1	0.3	23.6	2.2	848.9	6.9
23ELAC134	11	12	1	383.0	5.9	2.9	1.8	8.1	1.0	190.6	0.3	100.8	36.2	12.5	1.1	0.4	28.7	2.6	775.8	8.0
23ELAC134	12	13	1	376.0	4.8	2.3	1.7	7.2	0.8	176.5	0.3	93.0	33.6	11.9	0.9	0.3	22.2	2.0	733.6	7.0
23ELAC134	13	14	1	312.7	4.2	2.1	1.4	6.0	0.7	166.0	0.3	81.6	29.8	9.7	0.8	0.3	20.3	1.9	637.8	6.7
23ELAC134	14	15	1	358.4	4.4	2.1	1.5	6.4	0.8	174.2	0.3	88.2	32.5	10.7	0.8	0.3	21.7	1.9	704.1	6.9
23ELAC134	15	16	1	417.0	5.1	2.4	1.8	8.0	0.9	234.0	0.3	110.9	40.8	13.3	1.0	0.3	24.9	2.1	862.8	7.2
23ELAC134	16	17	1	606.7	7.0	3.2	2.5	11.1	1.2	351.8	0.3	173.8	62.7	19.2	1.3	0.4	32.0	2.5	1275.8	7.1
23ELAC134	17	18	1	934.7	10.6	4.4	3.9	18.0	1.7	645.0	0.4	292.8	103.9	30.4	2.1	0.5	48.5	3.2	2100.1	7.6
23ELAC134	18	19	1	719.2	8.5	3.8	3.1	13.8	1.4	410.5	0.4	220.4	70.9	23.8	1.6	0.5	43.9	3.0	1524.8	6.9
23ELAC134	19	20	1	570.4	7.6	3.4	2.9	11.5	1.3	246.3	0.4	165.6	52.1	20.1	1.4	0.4	38.2	2.9	1124.5	6.2
23ELAC134	20	21	1	692.2	9.0	4.1	3.3	14.1	1.5	375.3	0.4	205.9	65.4	23.4	1.7	0.5	45.0	3.4	1445.2	7.2
23ELAC134	21	22	1	696.9	8.6	4.0	3.3	13.6	1.4	363.6	0.4	207.0	64.2	23.8	1.6	0.5	45.0	3.3	1437.2	6.5
23ELAC134	22	23	1	668.8	9.0	4.1	3.5	14.7	1.5	340.1	0.4	206.5	63.3	23.8	1.7	0.5	46.2	3.4	1387.7	6.5
23ELAC134	23	24	1	713.3	8.7	3.9	3.8	14.8	1.4	363.6	0.4	227.4	71.9	25.3	1.7	0.5	46.1	3.3	1486.0	6.2
23ELAC134	24	25	1	785.9	9.0	4.2	4.2	15.9	1.5	422.2	0.5	255.4	78.6	27.4	1.8	0.6	48.0	3.6	1658.7	6.8
23ELAC134	25	26	1	783.6	9.3	4.4	4.4	16.6	1.5	398.8	0.5	251.9	77.2	27.5	1.9	0.6	50.8	3.8	1632.8	7.2
23ELAC135	4	8	4	3.7	0.5	0.4	0.1	0.3	0.1	2.0	0.1	1.2	0.3	0.3	0.1	0.1	3.1	0.5	12.8	32.8
23ELAC135	8	9	1	16.0	0.7	0.4	0.3	0.7	0.1	9.5	0.1	5.5	1.6	0.9	0.1	0.1	3.9	0.5	40.5	18.9
23ELAC136	4	7	3	73.4	2.0	1.0	0.9	2.8	0.4	33.4	0.2	23.2	6.7	3.6	0.4	0.2	11.3	1.1	160.6	15.3
23ELAC137	0	1	1	24.6	1.4	0.8	0.4	1.5	0.3	12.1	0.1	10.1	2.7	1.6	0.2	0.1	6.9	0.9	63.6	12.6
23ELAC137	1	2	1	42.5	2.1	1.2	0.6	2.5	0.4	22.8	0.2	17.6	4.7	2.8	0.3	0.2	11.0	1.2	110.0	15.3

Hole ID	From (m)	To (m)	Interval (m)	Ce_2O_3 (ppm)	Dy_2O_3 (ppm)	Er_2O_3 (ppm)	Eu_2O_3 (ppm)	Gd_2O_3 (ppm)	Ho_2O_3 (ppm)	La_2O_3 (ppm)	Lu_2O_3 (ppm)	Nd_2O_3 (ppm)	Pr_2O_3 (ppm)	Sm_2O_3 (ppm)	Tb_2O_3 (ppm)	Tm_2O_3 (ppm)	Y_2O_3 (ppm)	Yb_2O_3 (ppm)	TREO (ppm)	Sc_2O_3 (ppm)
23ELAC137	2	3	1	92.4	2.2	1.1	0.8	3.0	0.4	70.7	0.2	37.1	11.4	4.5	0.4	0.2	10.6	1.1	236.1	21.3
23ELAC137	3	4	1	138.2	2.3	1.2	1.1	3.9	0.4	101.2	0.2	57.9	17.7	6.6	0.5	0.2	10.9	1.1	343.3	21.9
23ELAC137	4	5	1	235.4	3.1	1.5	1.7	5.7	0.5	170.6	0.2	93.0	28.3	10.1	0.6	0.2	15.0	1.4	567.4	20.6
23ELAC137	5	6	1	350.2	5.5	2.7	2.6	9.2	0.9	218.7	0.3	122.5	38.5	14.7	1.1	0.3	25.9	2.3	795.5	16.9
23ELAC137	6	7	1	374.8	5.0	2.4	2.1	7.6	0.8	220.5	0.3	102.5	33.6	12.0	0.9	0.3	24.6	2.2	789.8	12.3
23ELAC137	7	8	1	263.5	4.3	2.1	1.6	5.7	0.7	165.4	0.3	75.0	24.0	9.1	0.7	0.3	19.1	2.0	573.7	7.5
23ELAC137	8	9	1	133.5	2.9	1.4	0.6	3.4	0.5	90.4	0.2	27.4	9.1	4.1	0.5	0.2	12.8	1.3	288.2	6.1
23ELAC137	9	10	1	51.8	2.7	1.6	0.7	3.1	0.5	25.7	0.2	19.9	5.3	3.3	0.4	0.2	16.4	1.5	133.4	16.6
23ELAC137	10	11	1	87.8	1.7	0.9	0.4	2.1	0.3	43.2	0.1	19.1	6.0	2.7	0.3	0.1	8.5	0.9	174.2	4.6
23ELAC137	11	12	1	633.7	6.8	3.2	2.6	10.5	1.1	226.4	0.4	146.4	48.5	18.4	1.3	0.4	30.2	3.0	1132.9	9.7
23ELAC137	12	13	1	887.8	7.9	3.4	4.1	13.7	1.2	387.0	0.4	251.9	78.5	26.9	1.6	0.5	35.2	3.2	1703.3	10.0
23ELAC137	13	14	1	816.4	7.3	3.4	2.8	11.4	1.2	281.5	0.4	174.4	55.5	20.0	1.4	0.5	34.5	3.1	1413.9	9.6
23ELAC137	14	15	1	749.6	5.1	2.2	2.2	8.7	0.8	247.5	0.2	135.9	46.1	15.7	1.0	0.3	23.6	2.0	1240.9	7.4
23ELAC137	15	16	1	916.0	5.0	2.3	2.3	8.5	0.8	226.9	0.3	138.2	47.2	16.1	1.0	0.3	22.8	2.0	1389.6	8.6
23ELAC137	16	17	1	461.5	3.9	1.8	1.5	5.8	0.6	146.6	0.2	84.1	27.7	10.3	0.7	0.3	18.6	1.7	765.4	7.1
23ELAC137	17	18	1	632.5	5.0	2.3	2.2	8.2	0.8	214.0	0.3	130.6	44.4	15.2	1.0	0.3	23.2	2.0	1082.0	7.9
23ELAC137	18	19	1	331.5	4.7	2.2	1.9	7.2	0.8	160.1	0.3	102.1	33.5	12.8	0.9	0.3	23.7	2.0	683.7	6.9
23ELAC137	19	20	1	491.9	5.9	2.7	2.5	9.4	0.9	225.2	0.3	146.4	48.3	17.5	1.1	0.4	26.3	2.4	981.3	7.7
23ELAC137	20	21	1	612.6	6.6	3.0	3.0	11.1	1.1	258.0	0.4	181.4	57.3	20.5	1.3	0.4	30.7	2.7	1190.1	7.9
23ELAC137	21	22	1	531.8	6.0	2.7	2.7	9.7	1.0	236.9	0.3	156.9	51.0	18.2	1.2	0.4	27.2	2.5	1048.4	7.8
23ELAC137	22	23	1	762.5	7.4	3.1	3.9	12.9	1.1	351.8	0.4	250.8	79.1	26.3	1.5	0.4	31.9	2.8	1536.0	8.3
23ELAC137	23	24	1	688.7	6.9	3.1	3.5	11.7	1.1	328.4	0.4	224.5	71.7	23.3	1.4	0.4	29.5	2.7	1397.3	8.3
23ELAC137	24	25	1	711.0	7.3	3.0	4.1	13.4	1.1	398.8	0.3	262.4	82.9	27.7	1.5	0.4	31.0	2.6	1547.6	7.3
23ELAC137	25	26	1	975.7	9.9	3.9	6.5	20.3	1.5	621.6	0.4	440.9	143.9	46.2	2.1	0.5	39.2	3.2	2315.9	7.6
23ELAC137	26	27	1	969.8	10.3	3.9	6.5	20.0	1.6	609.9	0.4	395.4	133.4	44.8	2.2	0.5	40.1	3.6	2242.5	7.8
23ELAC137	27	28	1	1015.5	12.9	4.1	8.8	27.4	1.8	703.7	0.4	494.6	153.9	58.3	2.9	0.5	42.7	3.3	2530.9	5.8
23ELAC137	28	29	1	946.4	9.6	4.2	5.1	16.8	1.5	539.5	0.5	307.9	103.3	34.1	1.9	0.6	41.3	3.8	2016.6	6.6
23ELAC137	29	30	1	1123.3	10.1	4.2	6.0	19.4	1.6	516.0	0.5	335.9	110.0	38.7	2.1	0.6	43.7	3.8	2216.0	6.6
23ELAC137	30	31	1	972.2	10.0	4.1	5.9	18.6	1.6	527.8	0.5	346.4	110.7	38.4	2.0	0.6	44.4	3.8	2087.1	6.0
23ELAC137	31	32	1	1037.8	10.5	4.6	6.3	18.9	1.7	551.2	0.6	361.6	115.2	40.0	2.2	0.6	49.5	4.3	2204.9	6.4
23ELAC137	32	33	1	1393.8	10.8	4.4	6.5	20.9	1.7	562.9	0.5	368.6	117.0	41.9	2.3	0.6	47.1	3.9	2582.8	6.6
23ELAC137	33	34	1	290.5	2.8	1.2	1.8	5.7	0.4	151.9	0.1	86.5	28.4	10.6	0.6	0.2	12.7	1.1	594.6	4.4
23ELAC137	34	35	1	1505.1	13.1	4.5	8.7	29.2	1.9	821.0	0.4	510.9	163.8	56.7	3.0	0.5	55.7	3.1	3177.7	4.9
23ELAC137	35	36	1	1161.9	13.5	5.5	7.4	24.9	2.2	609.9	0.6	377.9	121.1	45.1	2.8	0.7	68.1	4.5	2446.1	5.4
23ELAC137	36	37	1	759.0	11.1	5.0	5.7	19.6	1.9	527.8	0.5	323.1	101.3	35.8	2.2	0.6	62.0	4.1	1859.8	5.5
23ELAC137	37	38	1	752.0	13.7	5.6	7.7	25.6	2.2	703.7	0.5	404.7	125.2	46.2	2.8	0.7	71.7	4.2	2166.4	5.4
23ELAC137	38	39	1	746.1	9.5	4.0	5.1	17.3	1.6	480.8	0.4	282.3	88.5	31.7	1.9	0.5	49.5	3.2	1722.4	5.6
23ELAC137	39	40	1	452.1	6.0	2.8	3.0	10.8	1.0	304.9	0.3	165.0	56.2	19.1	1.2	0.4	35.3	2.2	1060.4	5.0
23ELAC137	40	41	1	93.0	2.0	0.9	1.0	3.2	0.3	85.1	0.1	37.8	12.1	4.9	0.4	0.1	11.7	0.9	253.6	2.5
23ELAC137	41	42	1	114.0	2.5	1.4	1.1	3.8	0.5	76.1	0.2	42.0	13.0	5.4	0.5	0.2	16.5	1.3	278.4	3.3
23ELAC138	0	1	1	117.1	2.6	1.4	1.0	3.4	0.5	66.3	0.2	37.7	11.8	5.2	0.5	0.2	14.7	1.3	263.9	15.2
23ELAC138	1	2	1	57.6	2.0	1.1	0.6	2.3	0.4	33.2	0.2	19.2	5.8	2.8	0.3	0.2	11.5	1.2	138.4	14.5
23ELAC138	2	3	1	124.2	3.2	1.7	1.2	4.2	0.6	68.6	0.2	41.2	12.8	5.6	0.5	0.2	17.5	1.6	283.2	15.6
23ELAC138	3	4	1	261.2	3.8	1.7	1.9	6.0	0.6	170.1	0.2	96.8	32.2	11.2	0.7	0.2	17.7	1.6	605.9	17.3
23ELAC138	4	5	1	384.2	5.6	2.6	2.5	8.6	0.9	269.7	0.3	133.6	46.9	16.1	1.0	0.4	26.8	2.5	901.7	10.6
23ELAC138	5	6	1	790.6	9.2	3.2	7.0	17.6	1.3	527.8	0.3	415.2	145.1	48.4	2.0	0.4	31.4	2.7	2002.3	11.3
23ELAC138	6	7	1	971.0	9.9	3.7	6.2	18.2	1.5	609.9	0.4	361.6	122.9	40.0	2.1	0.5	39.6	3.1	2190.6	8.9
23ELAC138	7	8	1	986.2	9.2	3.6	5.7	16.5	1.4	633.3	0.4	360.4	121.1	38.6	1.9	0.5	41.3	3.0	2223.1	8.9
23ELAC138	8	9	1	750.8	8.9	3.9	4.5	14.3	1.5	645.0	0.5	274.1	93.9	29.5	1.7	0.5	42.0	3.4	1874.6	8.0

Hole ID	From (m)	To (m)	Interval (m)	Ce_2O_3 (ppm)	Dy_2O_3 (ppm)	Er_2O_3 (ppm)	Eu_2O_3 (ppm)	Gd_2O_3 (ppm)	Ho_2O_3 (ppm)	La_2O_3 (ppm)	Lu_2O_3 (ppm)	Nd_2O_3 (ppm)	Pr_2O_3 (ppm)	Sm_2O_3 (ppm)	Tb_2O_3 (ppm)	Tm_2O_3 (ppm)	Y_2O_3 (ppm)	Yb_2O_3 (ppm)	TREO (ppm)	Sc_2O_3 (ppm)
23ELAC138	9	10	1	1022.5	16.9	6.9	8.8	31.7	2.7	1043.8	0.7	521.4	162.1	55.2	3.4	0.8	85.3	4.9	2967.1	5.7
23ELAC138	10	11	1	1973.6	21.3	8.7	11.8	40.6	3.4	973.4	0.9	660.2	203.0	75.4	4.4	1.1	123.1	6.1	4107.0	6.6
23ELAC138	11	12	1	2090.8	13.9	5.3	9.6	30.0	2.1	856.1	0.5	587.9	183.7	64.1	3.1	0.6	78.2	3.4	3929.3	5.3
23ELAC139	0	1	1	176.9	2.8	1.4	1.2	4.0	0.5	101.4	0.2	54.4	17.0	6.8	0.5	0.2	15.7	1.3	384.4	11.2
23ELAC139	1	2	1	370.1	4.6	2.1	2.3	7.5	0.8	197.0	0.3	114.1	35.3	13.5	0.9	0.3	25.3	1.7	775.8	15.4
23ELAC139	2	3	1	570.4	5.2	2.3	3.0	9.5	0.9	304.9	0.3	163.9	54.5	17.9	1.1	0.3	28.2	1.9	1164.3	11.9
23ELAC139	3	4	1	702.8	6.5	2.6	4.0	12.7	1.0	445.7	0.3	241.4	79.8	25.7	1.4	0.3	31.2	2.0	1557.4	11.9
23ELAC140	0	1	1	183.9	2.8	1.4	1.2	4.1	0.5	126.1	0.2	57.4	18.6	7.0	0.5	0.2	15.2	1.3	420.4	13.8
23ELAC140	1	2	1	872.6	7.9	3.7	4.3	13.5	1.3	551.2	0.5	243.8	81.6	26.0	1.6	0.5	47.0	3.0	1858.4	10.6
23ELAC140	2	3	1	339.7	3.6	1.7	1.8	5.9	0.7	247.5	0.2	94.7	33.2	11.1	0.7	0.2	20.4	1.7	763.2	9.6
23ELAC140	3	4	1	882.0	7.9	3.3	4.8	15.2	1.4	609.9	0.4	297.4	97.6	29.8	1.7	0.4	40.8	2.8	1995.4	8.9
23ELAC140	4	5	1	1069.4	7.2	3.1	4.6	13.7	1.3	586.4	0.4	277.6	95.6	28.5	1.6	0.4	42.8	2.7	2135.2	5.9
23ELAC140	5	6	1	1013.2	8.6	3.6	5.4	16.6	1.5	621.6	0.4	328.9	109.8	34.6	1.9	0.5	45.0	3.0	2194.4	6.1
23ELAC140	6	7	1	910.1	8.7	3.4	5.5	17.0	1.5	586.4	0.4	334.8	110.4	35.5	1.9	0.5	43.0	3.2	2062.2	6.6
23ELAC140	7	8	1	1194.7	13.9	5.5	8.3	27.0	2.4	692.0	0.6	465.4	143.9	50.3	3.1	0.7	72.0	4.7	2684.6	6.0
23ELAC140	8	9	1	1903.4	16.2	6.5	9.0	29.0	2.8	762.3	0.8	491.1	155.6	55.3	3.5	0.8	76.7	5.6	3518.8	6.4
23ELAC140	9	10	1	860.9	7.7	3.3	4.7	14.9	1.4	504.3	0.4	254.3	91.9	29.5	1.7	0.4	42.7	2.8	1820.8	5.3
23ELAC140	10	11	1	1212.3	7.7	3.2	5.0	15.6	1.3	574.7	0.3	317.3	101.1	33.0	1.8	0.4	44.1	2.4	2320.2	4.0
23ELAC140	11	12	1	2975.1	19.6	7.9	12.6	39.9	3.2	1149.3	0.8	787.3	245.8	82.8	4.5	1.0	110.6	5.7	5446.1	5.1
23ELAC140	12	13	1	2043.9	14.8	5.9	9.6	30.8	2.4	950.0	0.6	575.0	180.2	61.3	3.4	0.8	85.7	4.3	3968.8	5.6
23ELAC141	0	1	1	158.7	2.3	1.1	1.0	3.7	0.4	92.1	0.1	51.3	16.1	6.3	0.5	0.2	12.7	1.0	347.4	10.3
23ELAC141	1	2	1	83.7	2.6	1.5	0.9	3.5	0.5	49.7	0.2	32.3	9.4	4.8	0.5	0.2	16.5	1.5	208.0	19.9
23ELAC141	2	3	1	89.6	2.9	1.7	0.7	3.0	0.5	54.5	0.3	22.8	7.2	3.8	0.5	0.3	17.3	1.9	207.0	13.0
23ELAC141	3	4	1	109.6	2.7	1.5	0.8	2.9	0.5	71.0	0.2	26.7	8.9	4.1	0.5	0.2	16.3	1.7	247.7	8.3
23ELAC141	4	5	1	43.9	1.5	0.9	0.4	1.5	0.3	28.4	0.1	9.8	3.2	1.9	0.3	0.2	9.1	1.0	102.4	8.3
23ELAC141	5	6	1	78.6	1.3	0.7	0.4	1.5	0.2	49.3	0.1	14.8	5.1	2.1	0.2	0.1	7.5	0.8	162.7	7.1
23ELAC141	6	7	1	104.6	1.5	0.8	0.5	1.8	0.3	63.4	0.1	20.1	7.0	2.6	0.3	0.1	8.5	0.9	212.6	7.2
23ELAC141	7	8	1	57.7	1.0	0.6	0.3	1.2	0.2	38.8	0.1	12.9	4.3	1.7	0.2	0.1	6.2	0.6	126.1	5.3
23ELAC141	8	9	1	88.7	1.7	1.0	0.6	2.1	0.3	63.3	0.2	22.4	7.5	3.0	0.3	0.2	10.5	1.1	202.7	7.1
23ELAC141	9	10	1	221.4	1.9	0.9	1.1	3.4	0.3	258.0	0.1	77.4	29.5	7.3	0.4	0.1	10.5	0.9	613.4	6.6
23ELAC141	10	11	1	249.5	2.3	1.1	1.2	3.9	0.4	245.1	0.2	72.9	26.8	7.5	0.5	0.2	12.6	1.1	625.1	9.8
23ELAC141	11	12	1	337.3	4.0	2.0	1.9	6.7	0.7	340.1	0.3	111.0	39.1	11.7	0.8	0.3	21.8	1.9	879.7	14.2
23ELAC141	12	13	1	203.2	3.4	1.8	1.4	4.9	0.6	201.1	0.3	63.0	21.7	7.8	0.6	0.3	20.0	1.8	531.9	14.9
23ELAC141	13	14	1	212.0	4.2	2.3	1.6	5.8	0.8	193.5	0.3	62.9	21.5	8.2	0.8	0.3	25.7	2.4	542.4	12.7
23ELAC141	14	15	1	225.5	3.6	1.9	1.4	5.3	0.7	233.4	0.3	64.3	23.3	7.6	0.7	0.3	22.9	1.9	593.0	9.1
23ELAC141	15	16	1	404.1	3.3	1.7	1.5	5.4	0.6	210.5	0.2	68.5	22.5	7.8	0.7	0.2	18.9	1.6	747.5	5.4
23ELAC141	16	17	1	565.7	5.6	2.6	3.0	10.3	1.0	351.8	0.3	165.6	53.8	18.2	1.2	0.3	32.4	2.1	1214.1	5.3
23ELAC141	17	18	1	561.1	6.9	2.9	3.8	12.8	1.2	469.1	0.3	220.4	71.0	23.5	1.5	0.4	37.8	2.2	1415.0	4.9
23ELAC141	18	19	1	1037.8	13.6	6.0	7.2	25.7	2.4	750.6	0.6	401.2	125.8	45.3	2.9	0.8	80.0	4.6	2504.7	8.7
23ELAC141	19	20	1	1276.7	12.9	5.6	7.6	25.1	2.2	903.1	0.6	437.4	143.9	48.9	2.9	0.7	74.4	4.5	2946.6	7.8
23ELAC141	20	21	1	1997.1	20.4	8.3	12.2	41.5	3.3	1149.3	0.8	699.8	219.4	77.1	4.6	1.0	109.1	6.0	4349.9	8.0
23ELAC141	21	22	1	1194.7	8.6	3.8	5.2	16.6	1.5	715.4	0.5	316.1	102.6	33.2	1.9	0.5	50.0	3.2	2453.8	5.4
23ELAC141	22	23	1	2342.6	21.7	9.6	11.6	43.9	3.8	1278.4	1.0	657.8	205.4	71.0	4.8	1.2	135.9	6.8	4795.4	5.2
23ELAC141	23	24	1	2002.9	19.2	8.5	9.9	38.8	3.4	1079.0	0.8	562.2	166.8	59.6	3.9	1.0	121.4	5.3	4082.8	5.1
23ELAC141	24	25	1	1142.0	9.7	4.2	5.8	19.4	1.7	574.7	0.4	328.9	103.1	36.1	2.0	0.5	60.8	2.8	2292.2	4.6
23ELAC141	25	26	1	1014.3	8.2	3.2	5.3	16.4	1.3	504.3	0.4	297.4	94.3	32.5	1.7	0.4	43.2	2.4	2025.3	5.3
23ELAC141	26	27	1	1105.7	9.4	3.8	5.7	18.8	1.5	539.5	0.4	326.6	101.2	35.5	2.0	0.5	48.5	2.8	2202.0	5.3
23ELAC142	0	1	1	72.9	2.4	1.3	0.7	2.8	0.4	39.2	0.2	23.0	6.6	3.5	0.4	0.2	15.9	1.2	170.8	12.5
23ELAC142	1	2	1	97.7	2.8	1.4	0.9	3.4	0.5	54.8	0.2	31.8	9.3	4.8	0.5	0.2	15.5	1.3	225.1	12.6

Hole ID	From (m)	To (m)	Interval (m)	Ce_2O_3 (ppm)	Dy_2O_3 (ppm)	Er_2O_3 (ppm)	Eu_2O_3 (ppm)	Gd_2O_3 (ppm)	Ho_2O_3 (ppm)	La_2O_3 (ppm)	Lu_2O_3 (ppm)	Nd_2O_3 (ppm)	Pr_2O_3 (ppm)	Sm_2O_3 (ppm)	Tb_2O_3 (ppm)	Tm_2O_3 (ppm)	Y_2O_3 (ppm)	Yb_2O_3 (ppm)	TREO (ppm)	Sc_2O_3 (ppm)
23ELAC142	2	3	1	94.3	2.4	1.3	0.8	3.3	0.4	55.7	0.2	30.7	9.0	4.4	0.4	0.2	13.8	1.2	218.1	12.6
23ELAC142	3	4	1	78.0	1.9	1.0	0.7	2.4	0.4	41.8	0.2	23.4	7.1	3.5	0.3	0.2	12.3	1.0	174.1	12.0
23ELAC142	4	5	1	565.7	4.7	2.1	2.6	8.3	0.8	293.2	0.2	147.0	49.3	16.4	1.0	0.3	25.4	1.6	1118.6	9.1
23ELAC142	5	6	1	686.4	5.2	2.1	3.2	9.7	0.8	363.6	0.2	186.6	62.7	20.2	1.1	0.3	26.3	1.6	1369.9	6.5
23ELAC142	6	7	1	590.3	5.5	2.2	3.4	10.7	0.9	293.2	0.2	171.5	55.6	20.1	1.2	0.3	28.2	1.6	1184.9	4.6
23ELAC142	7	8	1	853.9	5.7	2.2	3.9	11.7	0.9	422.2	0.2	230.9	76.0	24.4	1.2	0.3	28.1	1.7	1663.3	5.7
23ELAC142	8	9	1	810.5	6.2	2.5	3.8	12.1	1.0	410.5	0.3	223.9	73.8	23.7	1.3	0.3	32.4	1.9	1604.1	6.4
23ELAC143	0	1	1	272.9	3.4	1.5	1.7	6.0	0.6	158.3	0.2	84.1	26.0	10.0	0.6	0.2	17.3	1.2	584.0	16.6
23ELAC143	1	2	1	1399.7	10.5	3.8	7.6	22.8	1.6	680.2	0.4	429.2	136.3	47.5	2.3	0.4	53.5	2.7	2798.7	11.7
23ELAC143	2	3	1	1352.9	9.3	3.5	6.4	18.4	1.3	645.0	0.4	384.9	140.4	41.9	2.0	0.5	42.2	2.8	2651.8	9.0
23ELAC143	3	4	1	1440.7	9.6	3.6	7.1	18.7	1.4	645.0	0.4	416.4	147.5	45.8	2.2	0.5	38.1	3.1	2780.2	6.1
23ELAC144	0	1	1	661.8	5.4	2.2	3.1	10.0	0.8	375.3	0.3	167.4	60.9	19.8	1.1	0.3	24.7	2.0	1335.0	9.8
23ELAC144	1	2	1	698.1	5.5	2.2	3.3	10.3	0.8	422.2	0.3	175.0	64.4	20.8	1.2	0.3	25.2	2.0	1431.5	6.8
23ELAC144	2	3	1	595.0	4.6	1.9	2.9	8.7	0.8	375.3	0.2	147.5	49.4	16.8	0.9	0.3	22.5	1.7	1228.4	5.3
23ELAC145	0	1	1	962.8	6.3	2.5	4.7	12.9	1.0	656.8	0.3	291.6	106.0	29.0	1.4	0.3	28.2	1.9	2105.7	6.9
23ELAC145	1	2	1	1610.5	8.9	3.3	7.3	19.8	1.4	973.4	0.4	477.1	160.9	45.8	1.9	0.4	39.4	2.6	3353.0	9.0
23ELAC145	2	3	1	971.0	6.9	2.8	4.8	13.5	1.1	551.2	0.3	272.9	96.2	29.1	1.4	0.4	32.5	2.3	1986.6	7.5
23ELAC145	3	4	1	1265.0	8.2	3.3	6.2	17.3	1.3	738.9	0.4	386.1	131.7	39.1	1.7	0.4	38.7	2.6	2640.9	8.6
23ELAC145	4	5	1	957.0	6.7	2.8	4.9	13.9	1.1	656.8	0.4	290.4	102.2	30.3	1.4	0.3	31.9	2.1	2102.1	7.6
23ELAC145	5	6	1	653.6	5.4	2.2	3.4	9.9	0.9	562.9	0.3	187.2	67.9	19.5	1.1	0.3	25.4	1.8	1541.8	6.7
23ELAC145	6	7	1	700.4	5.9	2.7	3.3	10.0	1.0	586.4	0.4	168.5	60.6	18.9	1.1	0.4	31.0	2.3	1593.1	7.8
23ELAC145	7	8	1	1341.1	7.4	3.0	5.7	15.8	1.2	821.0	0.4	335.9	114.7	33.9	1.6	0.4	36.2	2.4	2720.6	9.0
23ELAC145	8	9	1	1125.6	7.5	3.0	5.8	16.3	1.2	656.8	0.4	339.4	112.6	34.6	1.6	0.4	37.6	2.3	2344.9	8.3
23ELAC145	9	10	1	1235.7	8.6	3.6	6.4	18.5	1.4	680.2	0.4	377.9	118.8	38.5	1.8	0.4	43.8	2.7	2538.8	9.4
23ELAC145	10	11	1	965.2	7.2	3.3	4.7	14.7	1.3	527.8	0.4	256.6	86.3	27.4	1.5	0.4	40.6	2.7	1940.0	8.5
23ELAC145	11	12	1	1253.3	6.9	2.9	5.2	16.1	1.2	680.2	0.3	319.6	106.8	31.4	1.5	0.4	38.6	2.3	2466.9	7.5
23ELAC145	12	13	1	682.9	5.8	2.7	3.2	10.2	1.1	328.4	0.3	175.5	59.1	18.9	1.1	0.4	31.6	2.2	1323.3	7.3
23ELAC145	13	14	1	1200.6	7.5	3.1	5.3	15.9	1.3	656.8	0.3	317.3	109.8	32.6	1.6	0.4	39.6	2.3	2394.2	6.4
23ELAC145	14	15	1	1786.2	9.2	3.4	6.9	21.0	1.5	1137.6	0.3	478.2	154.5	43.4	2.0	0.4	49.3	2.4	3696.4	5.7
23ELAC145	15	16	1	869.1	6.2	2.6	4.0	12.2	1.1	551.2	0.3	225.1	77.4	24.0	1.2	0.3	34.0	1.9	1810.7	5.6
23ELAC145	16	17	1	1083.5	6.5	2.7	4.5	13.4	1.1	715.4	0.3	264.8	94.3	27.4	1.4	0.3	34.0	2.0	2251.7	5.2
23ELAC145	17	18	1	1146.7	8.0	3.1	5.8	18.1	1.3	680.2	0.3	323.1	107.0	34.3	1.7	0.4	44.4	2.2	2376.7	5.1
23ELAC145	18	19	1	1125.6	7.6	3.0	5.5	16.6	1.3	562.9	0.3	317.3	107.1	34.6	1.7	0.4	38.9	2.2	2224.9	4.8
23ELAC145	19	20	1	952.3	6.7	2.8	5.0	15.0	1.2	516.0	0.3	289.3	96.0	31.4	1.5	0.3	34.2	2.0	1953.9	4.8
23ELAC145	20	21	1	794.1	6.3	2.6	4.3	12.7	1.1	433.9	0.3	237.9	80.0	26.2	1.3	0.3	31.7	2.0	1634.8	4.8
23ELAC145	21	22	1	966.3	7.1	2.8	4.3	13.0	1.2	457.4	0.3	235.6	79.9	26.2	1.4	0.4	33.8	2.3	1832.0	4.4
23ELAC145	22	23	1	1452.4	8.8	3.6	5.5	17.3	1.5	480.8	0.4	278.8	90.3	32.4	1.8	0.5	43.9	2.9	2421.0	4.8
23ELAC145	23	24	1	1587.1	14.7	6.1	9.4	30.2	2.5	809.2	0.6	514.4	156.2	55.7	3.1	0.7	84.1	4.1	3278.1	5.6
23ELAC145	24	25	1	864.4	9.7	4.4	5.4	17.6	1.7	480.8	0.5	277.6	89.8	31.3	1.9	0.5	65.5	3.0	1854.3	5.2
23ELAC145	25	26	1	598.5	5.5	2.5	3.3	10.5	1.0	304.9	0.3	166.8	52.3	19.7	1.1	0.3	33.0	1.9	1201.5	5.0
23ELAC145	26	27	1	721.5	6.0	2.3	4.0	12.4	1.0	398.8	0.3	210.5	67.9	24.4	1.3	0.3	30.4	1.7	1482.6	4.8
23ELAC145	27	28	1	592.7	5.4	2.2	3.2	10.2	0.9	316.7	0.3	172.0	54.5	20.3	1.1	0.3	27.3	1.8	1208.9	5.1
23ELAC145	28	29	1	532.9	5.4	2.4	3.1	9.7	1.0	281.5	0.3	158.6	49.6	18.8	1.1	0.3	27.7	2.0	1094.5	5.1
23ELAC146	0	1	1	230.2	3.5	1.8	1.4	4.9	0.7	140.1	0.3	66.5	21.1	8.2	0.6	0.3	19.4	1.8	500.6	17.8
23ELAC146	1	2	1	1055.3	12.3	5.1	6.8	23.3	2.2	516.0	0.6	335.9	104.4	38.5	2.5	0.6	66.4	3.5	2173.3	9.6
23ELAC146	2	3	1	748.5	7.9	3.5	4.4	14.1	1.4	387.0	0.4	214.6	67.1	24.7	1.5	0.5	49.0	2.7	1527.1	4.8
23ELAC146	3	4	1	949.9	7.8	3.4	4.8	15.2	1.4	433.9	0.4	246.1	82.5	27.8	1.6	0.4	47.7	2.5	1825.5	4.2
23ELAC146	4	5	1	612.6	5.6	2.5	3.6	10.8	1.0	340.1	0.3	193.6	59.8	21.3	1.2	0.3	35.7	1.8	1290.0	3.8
23ELAC146	5	6	1	612.6	4.9	1.9	3.5	9.6	0.8	351.8	0.2	198.9	61.0	21.2	1.1	0.2	25.8	1.5	1295.1	3.6

Hole ID	From (m)	To (m)	Interval (m)	Ce_2O_3 (ppm)	Dy_2O_3 (ppm)	Er_2O_3 (ppm)	Eu_2O_3 (ppm)	Gd_2O_3 (ppm)	Ho_2O_3 (ppm)	La_2O_3 (ppm)	Lu_2O_3 (ppm)	Nd_2O_3 (ppm)	Pr_2O_3 (ppm)	Sm_2O_3 (ppm)	Tb_2O_3 (ppm)	Tm_2O_3 (ppm)	Y_2O_3 (ppm)	Yb_2O_3 (ppm)	TREO (ppm)	Sc_2O_3 (ppm)
23ELAC146	6	7	1	655.9	5.4	2.2	3.6	10.5	0.9	398.8	0.2	202.4	63.4	21.7	1.2	0.3	28.8	1.7	1397.1	4.3
23ELAC146	7	8	1	592.7	5.2	2.0	3.6	10.2	0.8	363.6	0.2	200.6	63.4	21.6	1.2	0.3	27.8	1.6	1294.9	4.1
23ELAC146	8	9	1	515.4	4.5	1.8	2.9	8.2	0.7	281.5	0.2	154.0	50.0	17.0	1.0	0.2	24.0	1.4	1062.6	3.5
23ELAC147	0	1	1	199.7	5.2	3.0	1.7	5.6	1.0	106.4	0.5	58.8	17.7	8.5	0.9	0.5	28.8	3.1	441.4	12.7
23ELAC148	0	1	1	98.3	2.7	1.5	1.1	3.7	0.5	68.6	0.2	36.3	10.7	5.2	0.5	0.2	18.8	1.4	249.5	10.2
23ELAC149	0	1	1	170.4	4.5	2.3	1.6	6.4	0.9	87.7	0.3	53.9	14.7	8.5	0.8	0.3	33.8	1.7	387.9	6.2
23ELAC150	24	27	3	97.0	2.9	1.2	1.6	5.0	0.5	63.9	0.2	44.0	11.9	7.1	0.6	0.2	13.0	1.1	250.1	5.0
23ELAC151	12	14	2	8.0	0.6	0.4	0.2	0.6	0.3	6.5	0.1	3.2	1.0	0.6	0.1	0.1	3.6	0.5	25.7	5.3
23ELAC151	3	4	1	93.6	2.0	1.0	0.7	2.4	0.3	50.5	0.2	25.7	8.9	3.5	0.3	0.2	10.4	1.1	200.8	15.4
23ELAC151	4	5	1	71.4	1.8	1.1	0.6	2.2	0.3	38.8	0.2	21.0	7.1	3.0	0.3	0.2	9.7	1.1	159.0	15.5
23ELAC151	5	6	1	34.9	1.2	0.7	0.3	1.2	0.2	16.7	0.1	9.8	3.2	1.6	0.2	0.1	6.5	0.8	77.7	10.8
23ELAC151	6	7	1	20.1	1.0	0.6	0.2	0.9	0.2	9.9	0.1	6.3	2.0	1.1	0.1	0.1	5.6	0.7	49.0	7.4
23ELAC151	7	8	1	14.6	0.9	0.5	0.2	0.8	0.2	7.3	0.1	4.4	1.5	0.8	0.2	0.1	5.1	0.7	37.4	6.2
23ELAC152	0	1	1	77.2	2.3	1.3	0.8	3.1	0.4	42.3	0.2	24.8	8.0	3.7	0.4	0.2	14.9	1.3	181.1	10.8
23ELAC152	1	2	1	57.6	1.8	1.1	0.5	2.0	0.3	25.6	0.2	15.4	5.0	2.7	0.3	0.2	9.7	1.2	123.6	18.2
23ELAC152	2	3	1	60.1	1.8	1.1	0.5	1.9	0.4	21.9	0.2	13.5	4.4	2.4	0.3	0.2	10.0	1.2	119.9	13.5
23ELAC152	3	4	1	21.4	0.7	0.4	0.2	0.9	0.1	12.7	0.1	7.0	2.3	1.1	0.1	0.1	3.9	0.5	51.6	12.1
23ELAC152	4	5	1	32.7	0.7	0.5	0.2	0.7	0.1	20.2	0.1	5.8	2.2	0.9	0.1	0.1	3.9	0.6	68.8	12.9
23ELAC152	5	6	1	133.5	1.1	0.7	0.3	1.3	0.2	68.6	0.1	14.2	6.0	1.7	0.2	0.1	5.8	0.9	234.7	10.2
23ELAC152	6	7	1	113.5	1.0	0.6	0.5	1.4	0.2	57.6	0.1	19.2	7.2	2.4	0.2	0.1	5.8	0.7	210.6	8.6
23ELAC152	7	8	1	109.6	2.2	1.1	0.9	3.0	0.4	60.6	0.1	32.1	10.6	4.8	0.4	0.2	10.1	1.0	237.1	9.7
23ELAC152	8	9	1	141.7	1.7	0.8	0.9	2.7	0.3	77.9	0.1	33.0	12.0	4.4	0.3	0.1	8.4	0.8	285.1	9.7
23ELAC152	9	10	1	175.1	1.5	0.6	0.9	2.3	0.2	84.8	0.1	38.3	14.0	4.9	0.3	0.1	6.2	0.7	329.9	8.6
23ELAC152	10	11	1	96.4	1.0	0.4	0.8	1.6	0.2	35.9	0.1	21.1	7.2	2.9	0.2	0.1	4.2	0.5	172.4	8.1
23ELAC152	11	12	1	79.9	1.3	0.7	0.7	1.7	0.2	35.3	0.1	18.1	6.3	2.7	0.2	0.1	6.2	0.8	154.2	6.9
23ELAC152	12	13	1	185.1	2.2	1.2	0.9	3.1	0.4	100.3	0.2	42.7	15.7	5.4	0.4	0.2	10.8	1.4	370.0	7.9
23ELAC152	13	14	1	207.3	2.5	1.4	1.1	3.8	0.5	115.3	0.2	55.9	17.7	7.2	0.5	0.2	13.4	1.4	428.3	6.5
23ELAC152	14	15	1	83.3	1.4	0.7	0.8	2.2	0.3	45.6	0.1	25.4	7.8	3.6	0.3	0.1	8.0	0.8	180.4	4.8
23ELAC153	0	4	4	75.7	2.3	1.2	0.7	2.8	0.4	45.7	0.2	24.1	7.0	3.6	0.4	0.2	14.3	1.2	179.9	16.8
23ELAC153	4	5	1	44.9	1.4	0.8	0.5	1.5	0.3	26.9	0.1	14.5	4.3	2.2	0.2	0.1	8.6	0.9	107.2	16.3
23ELAC154	6	7	1	14.0	0.6	0.3	0.2	0.8	0.1	11.1	0.1	6.8	2.0	1.1	0.1	0.0	3.2	0.4	40.8	7.4
23ELAC154	7	8	1	15.1	0.5	0.3	0.2	0.7	0.1	10.6	0.1	6.4	2.0	1.0	0.1	0.0	2.7	0.4	40.1	7.9
23ELAC154	8	9	1	16.4	0.6	0.3	0.2	0.7	0.1	10.1	0.1	6.7	2.0	1.0	0.1	0.1	2.8	0.4	41.6	8.6
23ELAC154	9	10	1	29.4	0.9	0.4	0.3	1.1	0.1	18.1	0.1	11.0	3.3	1.6	0.2	0.1	3.9	0.5	71.0	9.0
23ELAC154	10	11	1	86.3	1.9	1.0	0.8	2.7	0.4	43.9	0.1	27.5	8.1	4.0	0.4	0.1	9.9	0.8	187.9	8.8
23ELAC154	11	12	1	58.1	0.9	0.4	0.4	1.3	0.2	29.0	0.1	14.6	4.4	2.1	0.2	0.1	4.0	0.4	116.1	20.5
23ELAC154	12	13	1	201.5	3.0	1.3	1.4	4.2	0.5	95.3	0.1	48.3	14.9	7.0	0.6	0.2	11.0	1.1	390.2	22.2
23ELAC154	13	14	1	166.3	2.5	1.0	1.2	3.9	0.4	102.4	0.1	42.5	13.9	6.1	0.5	0.1	8.7	0.7	350.1	14.4
23ELAC154	14	15	1	157.0	1.9	0.7	1.3	3.2	0.3	117.0	0.1	50.2	16.7	6.3	0.4	0.1	6.0	0.6	361.8	20.8
23ELAC154	15	16	1	238.9	3.1	1.2	2.0	5.0	0.5	140.7	0.1	70.5	22.4	9.8	0.6	0.2	10.6	1.0	506.6	13.4
23ELAC154	16	17	1	230.2	3.9	1.6	2.1	6.2	0.6	68.0	0.2	64.6	17.1	10.6	0.8	0.2	15.7	1.5	423.3	7.9
23ELAC154	17	18	1	460.3	6.4	2.7	3.5	11.0	1.1	127.2	0.3	108.1	30.2	17.6	1.4	0.4	29.0	2.2	801.3	8.3
23ELAC154	18	19	1	209.1	3.9	1.6	2.4	6.6	0.6	76.8	0.2	70.5	18.5	11.5	0.8	0.2	16.7	1.5	421.1	6.0
23ELAC154	19	20	1	439.2	12.2	4.7	8.3	21.7	1.9	131.9	0.5	253.1	60.2	41.2	2.6	0.6	48.1	3.8	1030.2	7.8
23ELAC154	20	21	1	232.5	5.8	2.8	3.4	9.1	1.0	132.5	0.4	107.7	31.0	16.8	1.2	0.4	29.3	2.7	576.5	8.3
23ELAC154	21	22	1	277.6	5.3	3.4	2.1	6.9	1.1	106.3	0.5	63.5	18.0	9.5	0.9	0.5	39.0	3.5	538.0	8.6
23ELAC154	22	23	1	691.1	9.6	4.5	5.4	16.1	1.7	269.7	0.6	212.9	61.6	29.2	2.0	0.6	47.1	4.2	1356.3	11.4
23ELAC154	23	24	1	264.7	4.7	2.2	2.7	7.8	0.8	92.8	0.3	87.8	23.5	13.7	1.0	0.3	22.3	2.2	526.8	6.2
23ELAC154	24	25	1	240.1	5.2	2.4	2.9	8.5	0.9	87.4	0.3	88.2	23.2	14.3	1.1	0.3	25.0	2.4	502.2	5.5

Hole ID	From (m)	To (m)	Interval (m)	Ce_2O_3 (ppm)	Dy_2O_3 (ppm)	Er_2O_3 (ppm)	Eu_2O_3 (ppm)	Gd_2O_3 (ppm)	Ho_2O_3 (ppm)	La_2O_3 (ppm)	Lu_2O_3 (ppm)	Nd_2O_3 (ppm)	Pr_2O_3 (ppm)	Sm_2O_3 (ppm)	Tb_2O_3 (ppm)	Tm_2O_3 (ppm)	Y_2O_3 (ppm)	Yb_2O_3 (ppm)	TREO (ppm)	Sc_2O_3 (ppm)
23ELAC154	25	26	1	316.3	7.1	3.4	3.4	10.9	1.3	117.9	0.4	107.3	30.8	16.9	1.4	0.5	37.5	3.2	658.2	5.4
23ELAC154	26	27	1	586.8	14.8	5.9	8.2	24.6	2.4	177.7	0.6	250.8	63.9	39.9	3.1	0.8	59.4	4.7	1243.5	7.1
23ELAC155	20	24	4	46.4	1.0	0.6	0.4	1.3	0.2	25.8	0.1	11.2	3.5	1.7	0.2	0.1	6.5	0.7	99.6	6.6
23ELAC156	4	8	4	17.7	1.4	0.9	0.3	1.4	0.3	9.8	0.2	7.4	1.9	1.4	0.2	0.1	7.4	1.1	51.4	17.7
23ELAC157	27	28	1	42.0	1.5	0.9	0.6	1.6	0.3	32.1	0.2	17.1	5.0	2.6	0.3	0.1	7.7	1.0	112.8	5.9
23ELAC157	28	29	1	105.9	2.1	1.1	1.0	2.7	0.4	69.8	0.2	38.0	11.5	5.1	0.4	0.2	10.4	1.2	249.9	8.3
23ELAC157	29	30	1	186.2	2.8	1.4	1.3	3.8	0.5	78.3	0.2	51.7	15.3	6.5	0.5	0.2	13.8	1.3	363.9	8.9
23ELAC157	30	31	1	267.1	2.8	1.5	1.3	4.2	0.5	71.8	0.2	57.0	16.4	7.5	0.5	0.2	14.3	1.3	446.5	11.3
23ELAC157	31	32	1	305.7	3.5	1.6	1.7	4.9	0.6	124.9	0.2	70.9	22.2	8.9	0.6	0.2	14.1	1.3	561.3	11.1
23ELAC157	32	33	1	609.1	4.1	1.6	3.0	7.9	0.7	214.0	0.2	162.1	51.3	18.7	0.8	0.2	16.7	1.3	1091.6	12.5
23ELAC157	33	34	1	565.7	4.5	1.6	3.1	8.8	0.7	225.2	0.1	170.9	52.2	19.9	1.0	0.2	15.0	1.1	1070.0	16.1
23ELAC157	34	35	1	271.7	3.1	1.2	2.1	5.5	0.5	113.2	0.1	105.9	35.1	13.8	0.6	0.2	10.3	1.0	564.4	20.9
23ELAC157	35	36	1	534.1	4.3	1.8	2.6	7.6	0.7	340.1	0.2	166.2	56.2	17.6	0.9	0.2	16.8	1.5	1150.8	23.1
23ELAC157	36	37	1	603.2	7.6	3.0	4.8	14.2	1.2	247.5	0.3	242.6	69.7	29.0	1.5	0.4	31.4	2.2	1258.6	18.3
23ELAC157	37	38	1	583.3	6.8	3.1	3.2	10.7	1.2	328.4	0.4	182.5	55.5	20.7	1.2	0.4	31.9	2.7	1232.1	25.2
23ELAC157	38	39	1	357.2	5.2	2.5	2.2	7.5	0.9	214.0	0.3	100.9	34.4	12.5	0.9	0.3	25.5	2.2	766.8	16.4
23ELAC157	39	40	1	240.1	4.4	2.3	2.1	6.2	0.8	126.7	0.3	75.6	22.2	10.1	0.8	0.3	23.9	1.9	517.6	9.8
23ELAC157	40	41	1	380.7	9.4	4.5	4.0	13.9	1.7	178.9	0.5	137.1	37.2	18.3	1.7	0.6	50.7	3.5	842.5	7.1
23ELAC157	41	42	1	108.9	3.6	2.3	1.3	4.6	0.8	67.2	0.3	36.0	10.0	5.0	0.6	0.3	33.9	1.9	276.8	2.7
23ELAC157	42	43	1	124.7	3.1	1.7	1.3	4.2	0.6	73.2	0.2	41.2	11.8	5.8	0.5	0.2	24.7	1.4	294.6	4.2
23ELAC157	43	44	1	397.1	7.9	3.6	3.0	12.9	1.4	225.8	0.4	127.1	38.2	17.0	1.5	0.4	49.7	2.5	888.3	18.1
23ELAC158	6	7	1	22.7	0.5	0.3	0.2	0.6	0.1	20.7	0.1	5.4	2.0	0.8	0.1	0.0	2.5	0.3	56.1	7.0
23ELAC158	7	8	1	10.6	0.4	0.2	0.1	0.5	0.1	11.7	0.1	3.4	1.2	0.6	0.1	0.0	2.2	0.3	31.5	5.5
23ELAC158	8	9	1	13.3	0.4	0.3	0.1	0.5	0.1	8.1	0.1	3.3	1.0	0.6	0.1	0.0	2.3	0.3	30.4	8.1
23ELAC158	9	10	1	14.4	0.5	0.3	0.1	0.5	0.1	17.6	0.1	4.2	1.6	0.6	0.1	0.0	2.4	0.3	42.9	7.3
23ELAC158	10	11	1	16.9	0.6	0.4	0.2	0.8	0.1	29.2	0.1	5.7	2.2	0.8	0.1	0.1	3.2	0.5	60.8	7.2
23ELAC158	11	12	1	10.7	0.5	0.3	0.1	0.5	0.1	7.8	0.1	3.3	1.1	0.6	0.1	0.0	2.3	0.4	27.8	7.7
23ELAC158	12	13	1	22.4	0.6	0.3	0.2	0.6	0.1	19.4	0.1	5.8	2.1	0.9	0.1	0.0	2.8	0.4	55.8	7.7
23ELAC158	13	14	1	10.8	0.5	0.3	0.1	0.5	0.1	6.8	0.1	3.2	1.0	0.6	0.1	0.1	2.8	0.4	27.3	11.4
23ELAC158	14	15	1	21.1	1.1	0.8	0.2	1.0	0.2	8.4	0.2	5.0	1.4	1.1	0.2	0.1	6.5	1.0	48.4	11.9
23ELAC158	15	16	1	11.7	1.3	0.9	0.2	0.9	0.3	6.3	0.2	3.8	1.0	0.9	0.2	0.2	8.0	1.3	37.1	11.5
23ELAC158	17	18	1	67.5	2.9	1.6	1.5	4.2	0.6	66.4	0.3	46.5	13.5	6.7	0.5	0.2	14.9	1.8	229.1	13.0
23ELAC158	18	19	1	101.3	3.3	1.8	1.6	4.7	0.6	68.4	0.3	50.3	14.3	7.3	0.6	0.3	17.0	1.9	273.6	11.0
23ELAC158	19	20	1	102.6	2.4	1.3	1.1	3.2	0.5	55.5	0.2	36.9	10.9	5.5	0.4	0.2	11.8	1.5	234.0	8.8
23ELAC158	20	21	1	163.4	4.8	2.5	1.9	6.6	0.9	69.7	0.4	61.2	16.6	9.6	0.8	0.3	21.7	2.3	362.7	11.4
23ELAC158	21	22	1	238.9	12.5	6.0	5.6	19.0	2.3	204.1	0.7	187.8	51.3	25.9	2.2	0.7	70.2	4.6	831.8	8.1
23ELAC158	22	23	1	360.8	7.6	3.4	3.8	12.0	1.3	159.5	0.4	130.1	37.4	17.7	1.4	0.4	37.6	2.8	776.2	6.9
23ELAC158	23	24	1	256.5	4.2	2.2	1.8	6.1	0.8	80.0	0.3	61.7	17.4	8.8	0.8	0.3	23.6	2.1	466.6	14.4
23ELAC158	24	25	1	168.1	4.9	2.4	2.1	7.4	0.9	95.1	0.3	69.3	19.1	10.2	0.9	0.3	25.9	2.1	409.1	11.2
23ELAC158	25	26	1	383.0	8.4	3.8	3.7	13.1	1.5	160.7	0.4	119.0	35.9	17.2	1.5	0.5	42.9	3.0	794.5	10.3
23ELAC158	26	27	1	603.2	10.5	4.9	4.5	15.8	1.9	193.5	0.5	162.1	44.9	21.5	1.9	0.6	60.1	3.7	1129.6	10.4
23ELAC158	27	28	1	648.9	6.2	3.6	2.5	8.2	1.3	136.0	0.5	90.6	26.7	12.4	1.1	0.5	46.2	3.3	987.9	7.3
23ELAC158	28	29	1	780.1	6.9	4.1	3.1	10.2	1.4	190.6	0.6	135.9	41.1	17.9	1.3	0.6	50.9	4.2	1248.7	9.1
23ELAC158	29	30	1	721.5	10.0	5.4	4.4	15.4	1.9	247.5	0.8	179.6	52.7	24.4	1.9	0.8	67.9	5.5	1339.8	8.8
23ELAC159	60	64	4	704.0	18.4	6.8	10.0	30.7	2.8	226.9	0.7	268.3	69.0	43.9	3.6	0.9	71.7	5.4	1463.1	9.9
23ELAC160	55	56	1	310.4	2.8	1.5	1.5	4.3	0.5	232.8	0.2	76.3	28.8	9.1	0.5	0.2	13.0	1.6	683.5	7.7
23ELAC160	56	57	1	89.3	2.0	1.3	0.6	2.1	0.4	53.5	0.2	23.0	7.6	3.3	0.3	0.2	11.1	1.7	196.7	6.2
23ELAC160	57	58	1	181.6	2.9	1.6	1.4	4.3	0.5	68.4	0.2	52.6	15.4	7.9	0.5	0.2	14.6	1.7	353.8	5.2
23ELAC160	58	59	1	296.3	3.7	2.0	1.9	5.9	0.7	103.4	0.3	69.3	20.6	10.2	0.7	0.3	19.1	2.0	536.4	4.6

Hole ID	From (m)	To (m)	Interval (m)	Ce_2O_3 (ppm)	Dy_2O_3 (ppm)	Er_2O_3 (ppm)	Eu_2O_3 (ppm)	Gd_2O_3 (ppm)	Ho_2O_3 (ppm)	La_2O_3 (ppm)	Lu_2O_3 (ppm)	Nd_2O_3 (ppm)	Pr_2O_3 (ppm)	Sm_2O_3 (ppm)	Tb_2O_3 (ppm)	Tm_2O_3 (ppm)	Y_2O_3 (ppm)	Yb_2O_3 (ppm)	TREO (ppm)	Sc_2O_3 (ppm)
23ELAC160	59	60	1	682.9	9.6	4.6	5.3	16.0	1.7	183.0	0.5	189.0	52.7	28.1	1.9	0.6	48.3	4.1	1228.2	6.0
23ELAC160	60	61	1	360.8	9.3	4.4	5.1	15.3	1.6	139.6	0.5	159.8	42.5	25.3	1.9	0.6	43.3	4.0	813.9	6.0
23ELAC160	61	62	1	268.2	7.4	3.6	3.6	11.8	1.3	126.7	0.5	117.2	31.4	18.5	1.4	0.5	37.1	3.5	632.6	5.3
23ELAC160	62	63	1	144.1	4.7	2.6	1.9	6.7	0.9	67.3	0.3	57.5	15.5	9.4	0.9	0.4	25.4	2.6	340.2	4.8
23ELAC160	63	64	1	211.4	6.3	3.5	2.3	8.8	1.2	105.1	0.5	74.4	20.6	11.7	1.2	0.5	38.6	3.5	489.6	5.0
23ELAC160	64	65	1	378.3	9.4	5.5	3.1	12.6	1.9	181.8	0.7	116.5	34.8	17.3	1.7	0.8	63.6	5.2	833.1	5.8
23ELAC160	65	66	1	169.8	5.0	2.7	1.8	6.9	0.9	74.7	0.4	61.4	16.7	9.9	0.9	0.4	29.6	2.6	383.7	5.5
23ELAC160	66	67	1	297.5	6.3	2.9	2.8	10.0	1.1	108.2	0.3	82.5	22.1	12.9	1.2	0.4	38.7	2.2	589.2	17.7
23ELAC160	67	68	1	247.1	7.5	3.8	3.0	11.2	1.4	81.9	0.4	82.9	21.7	14.4	1.5	0.5	48.1	3.0	528.5	17.6
23ELAC161	53	54	1	148.2	4.5	2.3	1.7	6.0	0.8	77.4	0.3	51.9	14.9	8.3	0.8	0.3	26.0	2.2	345.4	4.6
23ELAC161	54	55	1	170.4	5.4	2.7	2.0	7.6	1.0	95.2	0.3	69.4	19.9	10.8	1.0	0.4	32.5	2.5	421.3	6.0
23ELAC161	55	56	1	134.7	5.1	2.7	1.8	6.7	0.9	67.2	0.3	52.0	14.3	8.7	0.9	0.4	29.0	2.4	327.1	7.8
23ELAC161	56	57	1	138.2	5.0	2.7	1.7	6.7	0.9	67.9	0.3	52.7	14.6	8.7	0.9	0.4	28.8	2.5	332.2	8.4
23ELAC161	57	58	1	87.7	3.4	1.8	1.3	4.6	0.7	47.6	0.3	33.6	9.2	5.6	0.6	0.3	20.4	1.8	218.9	6.7
23ELAC161	58	59	1	107.8	3.3	2.1	1.1	4.3	0.7	63.2	0.3	39.1	11.4	5.7	0.6	0.3	25.3	2.0	267.1	4.8
23ELAC161	59	60	1	73.7	2.6	1.5	0.8	3.5	0.5	39.2	0.2	26.8	7.6	4.5	0.5	0.2	16.4	1.5	179.4	5.8
23ELAC161	60	61	1	117.0	4.8	2.4	1.6	6.7	0.9	68.8	0.3	46.0	12.6	7.7	0.9	0.3	28.7	2.1	300.9	6.4
23ELAC161	61	62	1	244.8	6.2	3.6	2.0	9.0	1.2	130.8	0.5	89.2	26.1	13.2	1.1	0.5	43.3	3.5	575.1	6.3
23ELAC161	62	63	1	318.6	5.4	3.3	1.9	8.0	1.1	177.1	0.5	100.8	31.8	13.0	1.0	0.5	41.1	3.3	707.3	6.5
23ELAC161	63	64	1	37.0	2.0	1.3	0.6	2.2	0.4	23.6	0.2	13.9	3.8	2.4	0.3	0.2	14.9	1.4	104.1	4.8
23ELAC161	64	65	1	54.0	2.2	1.3	0.7	2.9	0.5	31.7	0.2	20.4	5.7	3.3	0.4	0.2	14.8	1.3	139.5	5.7
23ELAC162	24	26	2	39.7	1.8	1.0	0.5	2.1	0.3	24.4	0.1	15.0	4.4	2.8	0.3	0.1	11.0	1.0	104.7	4.7
23ELAC163	4	8	4	39.8	1.2	0.7	0.4	1.3	0.2	23.9	0.1	11.6	3.8	1.8	0.2	0.1	6.5	0.7	92.3	12.8
23ELAC164	4	6	2	80.7	2.9	1.6	0.9	3.5	0.5	56.9	0.2	33.4	10.3	5.0	0.5	0.2	15.2	1.4	213.2	18.2
23ELAC165	4	6	2	25.8	1.5	0.9	0.4	1.5	0.3	14.5	0.1	9.7	2.9	1.7	0.2	0.1	7.7	0.9	68.1	14.7
23ELAC166	4	7	3	46.1	1.5	0.9	0.5	1.6	0.3	25.0	0.1	12.9	4.0	2.1	0.2	0.1	8.0	0.9	104.3	13.3
23ELAC167	10	11	1	17.5	1.1	0.7	0.3	1.2	0.2	28.4	0.1	6.0	2.1	1.3	0.2	0.1	6.0	0.9	66.3	6.7
23ELAC167	11	12	1	25.8	1.2	0.7	0.4	1.5	0.2	34.1	0.1	10.4	3.5	2.0	0.2	0.1	6.2	0.9	87.4	6.1
23ELAC167	12	13	1	17.5	0.9	0.6	0.3	1.0	0.2	17.4	0.1	7.6	2.4	1.4	0.2	0.1	4.9	0.8	55.4	5.9
23ELAC167	13	14	1	402.9	6.1	2.3	3.1	11.1	0.9	201.7	0.3	151.0	48.3	22.1	1.3	0.3	21.3	2.1	874.9	15.9
23ELAC167	14	15	1	302.2	3.5	1.6	1.6	5.6	0.6	105.7	0.2	79.2	25.0	11.7	0.7	0.2	13.2	1.7	552.6	14.2
23ELAC167	15	16	1	169.8	2.8	1.3	1.3	4.6	0.5	94.6	0.2	59.8	18.8	8.8	0.6	0.2	12.8	1.2	377.3	6.5
23ELAC168	27	28	1	15.1	1.0	0.8	0.2	0.7	0.2	2.6	0.2	2.9	0.7	0.7	0.1	0.1	4.7	1.2	31.2	34.1
23ELAC168	28	29	1	9.9	1.1	0.9	0.2	0.8	0.2	5.1	0.2	5.0	1.4	1.0	0.2	0.2	6.3	1.3	33.6	29.6
23ELAC168	29	30	1	161.1	6.3	3.1	2.9	9.1	1.1	94.6	0.4	86.7	23.2	15.0	1.2	0.5	26.9	3.1	435.3	26.2
23ELAC168	30	31	1	515.4	6.3	2.9	2.8	8.6	1.1	83.6	0.5	80.2	21.8	13.3	1.2	0.5	26.0	3.2	767.4	33.3
23ELAC168	31	32	1	176.9	20.7	14.1	4.2	18.4	4.8	101.6	1.9	85.8	21.3	16.0	3.0	2.0	165.7	12.6	649.0	29.6
23ELAC168	32	33	1	151.7	16.9	10.4	4.5	18.8	3.6	116.6	1.4	103.8	25.6	19.1	2.6	1.5	116.6	9.2	602.2	31.4
23ELAC168	33	34	1	175.7	9.4	5.3	2.9	11.3	1.9	77.1	0.7	68.8	17.0	12.4	1.6	0.8	57.8	4.5	447.2	31.0
23ELAC168	34	35	1	113.0	4.7	2.7	1.5	5.8	0.9	47.4	0.4	38.7	10.3	7.0	0.8	0.4	26.9	2.6	263.1	30.1
23ELAC168	35	36	1	23.2	1.8	1.3	0.5	1.7	0.4	14.0	0.2	10.1	2.7	1.9	0.3	0.2	12.7	1.6	72.7	26.9
23ELAC169	22	23	1	13.0	1.4	0.7	0.6	1.9	0.3	52.4	0.1	19.4	6.1	2.9	0.3	0.1	6.2	0.7	106.1	29.8
23ELAC169	23	24	1	58.0	1.4	1.0	0.3	1.1	0.3	6.0	0.2	4.8	1.2	1.2	0.2	0.2	8.7	1.1	85.5	15.3
23ELAC169	24	25	1	29.8	1.5	1.2	0.2	1.2	0.4	9.7	0.2	4.8	1.3	1.1	0.2	0.2	10.2	1.4	63.5	14.3
23ELAC169	25	26	1	47.1	1.7	1.3	0.2	1.2	0.4	8.6	0.2	4.8	1.3	1.2	0.2	0.2	10.8	1.6	80.7	13.4
23ELAC169	26	27	1	75.0	1.8	1.4	0.3	1.3	0.4	9.5	0.3	5.4	1.5	1.3	0.2	0.2	11.6	1.8	112.0	17.8
23ELAC169	27	28	1	120.1	2.1	1.4	0.4	1.8	0.4	23.8	0.3	11.2	3.4	2.0	0.3	0.2	12.8	1.8	182.0	18.3
23ELAC169	28	29	1	70.6	1.8	1.4	0.2	1.0	0.4	4.0	0.3	2.8	0.8	0.9	0.2	0.2	10.6	1.8	97.0	16.6
23ELAC169	29	30	1	36.8	3.4	1.7	1.6	4.9	0.6	74.1	0.3	76.7	24.0	11.3	0.6	0.3	13.6	2.0	252.0	12.9

Hole ID	From (m)	To (m)	Interval (m)	Ce_2O_3 (ppm)	Dy_2O_3 (ppm)	Er_2O_3 (ppm)	Eu_2O_3 (ppm)	Gd_2O_3 (ppm)	Ho_2O_3 (ppm)	La_2O_3 (ppm)	Lu_2O_3 (ppm)	Nd_2O_3 (ppm)	Pr_2O_3 (ppm)	Sm_2O_3 (ppm)	Tb_2O_3 (ppm)	Tm_2O_3 (ppm)	Y_2O_3 (ppm)	Yb_2O_3 (ppm)	TREO (ppm)	Sc_2O_3 (ppm)
23ELAC169	30	31	1	316.3	4.1	1.8	2.1	6.9	0.7	304.9	0.2	117.8	42.8	14.4	0.8	0.2	14.9	1.7	829.7	16.6
23ELAC169	31	32	1	114.2	1.9	1.4	0.4	1.7	0.4	90.2	0.2	18.1	7.2	2.4	0.3	0.2	11.8	1.6	252.1	40.5
23ELAC169	32	33	1	859.7	16.5	7.1	7.9	26.9	2.8	480.8	0.7	396.6	120.0	52.5	3.3	0.9	68.1	5.6	2049.3	43.1
23ELAC169	33	34	1	1077.6	18.2	9.5	5.8	25.5	3.5	527.8	1.2	297.4	94.4	39.2	3.4	1.3	100.6	8.4	2213.8	23.4
23ELAC169	34	35	1	507.2	10.2	4.6	3.9	15.2	1.8	340.1	0.5	180.8	57.5	23.7	1.9	0.6	47.4	3.7	1199.1	20.4
23ELAC169	35	36	1	68.1	5.5	3.8	1.2	5.0	1.2	64.7	0.6	41.2	11.8	6.5	0.8	0.6	34.5	4.6	250.1	13.8
23ELAC169	36	37	1	98.6	6.9	4.0	2.0	8.5	1.4	80.6	0.6	71.4	19.0	12.2	1.2	0.6	38.4	4.3	349.7	8.0
23ELAC169	37	38	1	48.1	5.5	3.8	1.1	5.3	1.2	50.5	0.7	37.8	10.2	6.5	0.8	0.6	38.6	4.3	215.2	7.2
23ELAC169	38	39	1	1833.1	12.2	6.7	3.5	14.1	2.3	95.2	0.9	106.4	28.2	19.2	2.2	1.0	55.2	7.0	2187.3	30.1
23ELAC169	39	40	1	377.2	12.5	6.4	3.9	16.8	2.4	126.1	0.9	121.9	31.8	20.8	2.2	0.9	66.3	6.0	796.0	25.7
23ELAC169	40	41	1	28.2	3.9	2.5	1.1	4.5	0.8	39.2	0.4	30.9	8.4	5.3	0.6	0.4	22.7	2.9	151.9	25.2
23ELAC169	41	42	1	88.4	4.9	2.8	1.5	6.0	1.0	46.1	0.4	40.8	10.8	7.2	0.8	0.4	27.7	3.0	241.8	22.2
23ELAC169	42	43	1	94.9	14.0	7.9	3.8	17.4	2.9	107.4	0.9	106.8	28.6	19.0	2.4	1.1	103.0	6.3	516.4	21.8
23ELAC169	43	44	1	73.6	9.3	4.8	2.9	12.9	1.8	88.4	0.5	85.7	22.9	14.8	1.7	0.6	59.7	3.6	383.1	12.3
23ELAC170	52	53	1	73.1	4.2	2.6	1.2	5.1	0.9	40.7	0.4	32.7	8.6	5.7	0.7	0.4	29.6	2.5	208.4	19.3
23ELAC170	53	54	1	102.6	5.6	3.3	1.4	6.7	1.2	57.2	0.5	43.7	11.6	7.5	0.9	0.5	38.9	2.9	284.5	15.3
23ELAC170	54	55	1	102.7	5.3	3.7	1.6	6.1	1.2	68.1	0.6	49.0	13.3	7.6	0.9	0.5	43.2	3.6	307.6	9.4
23ELAC170	55	56	1	112.7	6.0	3.5	1.4	7.3	1.2	61.3	0.5	49.2	13.2	8.8	1.0	0.5	41.4	3.0	311.1	22.0
23ELAC170	56	57	1	40.9	3.8	2.6	0.8	4.0	0.8	31.2	0.4	20.1	5.7	4.1	0.6	0.4	32.9	2.5	150.7	3.8
23ELAC170	57	58	1	84.2	4.0	2.5	1.0	4.8	0.8	39.2	0.4	28.3	8.0	5.4	0.7	0.4	30.0	2.5	212.1	12.9
23ELAC170	58	59	1	164.0	3.5	2.0	0.9	4.9	0.7	73.9	0.3	46.1	14.5	7.0	0.6	0.3	27.0	1.9	347.5	5.0
23ELAC170	59	60	1	154.6	3.8	2.2	0.9	5.1	0.8	85.5	0.3	50.3	15.7	7.6	0.7	0.3	28.8	2.2	358.8	5.7
23ELAC170	60	61	1	218.4	4.2	2.2	1.2	6.6	0.8	127.2	0.3	73.9	23.3	10.1	0.8	0.3	28.1	1.8	499.3	6.4
23ELAC170	61	62	1	188.0	3.5	1.8	1.1	5.3	0.6	101.1	0.2	60.0	19.5	8.5	0.7	0.2	25.1	1.6	417.3	6.8
23ELAC170	62	63	1	166.3	4.7	2.6	1.3	6.4	0.9	92.4	0.4	57.7	18.0	8.7	0.8	0.4	33.0	2.5	396.1	8.0
23ELAC170	63	64	1	175.7	4.8	2.7	1.3	6.5	1.0	88.9	0.4	56.5	17.5	9.0	0.9	0.4	31.7	2.7	400.0	12.8
23ELAC170	64	65	1	82.1	3.7	2.0	1.4	4.9	0.7	37.9	0.3	34.5	9.1	6.1	0.7	0.3	19.9	1.8	205.3	32.7
23ELAC170	65	66	1	143.5	5.9	3.3	2.2	7.6	1.1	71.3	0.4	60.4	17.1	9.7	1.0	0.5	34.9	3.1	362.0	29.6
23ELAC170	66	67	1	49.5	3.9	2.5	1.0	4.0	0.8	31.8	0.4	22.7	6.2	4.5	0.6	0.4	28.7	2.8	159.9	12.3
23ELAC170	67	68	1	96.6	5.1	2.6	2.1	6.8	0.9	54.3	0.3	48.5	12.9	8.8	0.9	0.4	27.7	2.4	270.5	41.4
23ELAC170	68	69	1	98.6	6.2	3.1	2.5	8.2	1.1	48.9	0.4	54.9	14.2	10.7	1.1	0.4	31.0	2.9	284.2	43.1
23ELAC170	69	70	1	82.8	3.5	2.0	1.1	4.1	0.7	21.9	0.3	26.1	6.9	5.0	0.6	0.3	18.0	2.2	175.6	32.4
23ELAC170	70	71	1	48.6	3.3	1.8	1.1	3.9	0.6	19.6	0.3	23.7	6.2	4.8	0.6	0.3	15.9	1.9	132.7	28.8
23ELAC170	71	72	1	92.9	3.6	2.1	1.1	4.3	0.7	30.5	0.3	25.8	7.0	5.1	0.6	0.3	21.0	2.2	197.4	17.9
23ELAC170	72	73	1	121.8	6.5	3.3	2.2	8.7	1.2	68.8	0.4	52.0	14.1	10.1	1.2	0.5	41.9	3.1	335.9	15.3
23ELAC170	73	74	1	26.8	2.6	1.7	0.8	2.9	0.5	18.4	0.3	14.9	4.0	3.1	0.4	0.3	18.7	1.8	97.3	17.8
23ELAC171	0	4	4	83.7	2.7	1.5	0.8	3.4	0.5	46.6	0.2	25.8	7.3	4.0	0.5	0.2	16.7	1.4	195.2	13.0
23ELAC171	4	8	4	43.1	1.8	1.0	0.5	1.9	0.3	24.2	0.2	14.6	4.2	2.4	0.3	0.2	10.3	1.2	106.0	17.6
23ELAC171	8	12	4	50.7	2.1	1.2	0.7	2.5	0.4	24.0	0.2	16.7	4.5	2.8	0.3	0.2	12.6	1.2	120.0	16.3
23ELAC171	12	16	4	12.6	0.8	0.5	0.2	0.8	0.2	9.4	0.1	4.6	1.3	0.9	0.1	0.1	5.1	0.6	37.3	13.9
23ELAC171	16	20	4	26.6	1.8	0.7	0.8	2.7	0.3	64.7	0.1	23.8	8.2	3.7	0.4	0.1	6.7	0.7	141.3	24.5
23ELAC171	20	24	4	14.9	1.5	0.6	0.7	2.3	0.2	38.1	0.1	17.7	5.6	2.7	0.3	0.1	5.4	0.5	90.6	21.2
23ELAC171	24	28	4	14.3	0.8	0.5	0.2	0.6	0.2	6.4	0.1	3.2	1.1	0.7	0.1	0.1	4.4	0.7	33.4	21.4
23ELAC171	28	32	4	211.4	2.0	1.3	0.5	1.7	0.4	19.5	0.3	11.7	3.8	2.3	0.3	0.2	9.5	1.8	266.7	25.4
23ELAC171	32	36	4	192.7	1.9	1.5	0.3	1.5	0.4	4.7	0.3	4.3	1.3	1.4	0.3	0.3	13.0	2.0	225.8	21.2
23ELAC171	36	40	4	61.3	1.0	0.7	0.2	0.9	0.2	4.9	0.1	4.5	1.3	1.0	0.2	0.1	5.1	0.9	82.6	39.9
23ELAC171	40	44	4	115.5	2.2	1.0	1.1	3.2	0.4	77.3	0.1	31.5	10.4	4.5	0.4	0.1	8.6	0.9	257.1	42.3
23ELAC171	44	48	4	138.8	1.0	0.6	0.6	1.6	0.2	29.8	0.1	17.3	5.7	2.4	0.2	0.1	5.5	0.6	204.5	26.9
23ELAC171	48	52	4	184.5	1.1	0.7	0.4	1.3	0.3	13.0	0.2	10.1	3.0	1.7	0.2	0.1	9.1	0.9	226.6	36.7

Hole ID	From (m)	To (m)	Interval (m)	Ce_2O_3 (ppm)	Dy_2O_3 (ppm)	Er_2O_3 (ppm)	Eu_2O_3 (ppm)	Gd_2O_3 (ppm)	Ho_2O_3 (ppm)	La_2O_3 (ppm)	Lu_2O_3 (ppm)	Nd_2O_3 (ppm)	Pr_2O_3 (ppm)	Sm_2O_3 (ppm)	Tb_2O_3 (ppm)	Tm_2O_3 (ppm)	Y_2O_3 (ppm)	Yb_2O_3 (ppm)	TREO (ppm)	Sc_2O_3 (ppm)
23ELAC171	52	56	4	268.2	1.7	1.2	0.4	1.5	0.4	5.1	0.2	5.8	1.5	1.6	0.3	0.2	13.0	1.2	302.2	50.5
23ELAC171	56	60	4	192.1	2.8	1.8	0.6	3.3	0.6	46.6	0.3	31.3	10.0	4.8	0.5	0.3	18.8	1.9	315.4	9.8
23ELAC171	60	64	4	123.0	2.7	1.6	0.6	3.1	0.5	42.7	0.2	27.9	9.1	4.7	0.5	0.2	16.0	1.7	234.7	4.8
23ELAC171	64	68	4	82.0	2.8	1.7	0.8	3.2	0.6	39.1	0.3	26.8	8.4	4.4	0.5	0.3	16.8	1.9	189.2	6.4
23ELAC171	68	72	4	63.3	1.9	1.1	0.8	2.3	0.3	34.4	0.2	21.8	6.7	3.6	0.3	0.2	8.1	1.1	146.0	14.7
23ELAC171	72	76	4	159.9	5.2	2.5	2.5	7.5	0.9	106.0	0.4	79.1	23.6	12.6	1.0	0.4	20.8	2.3	424.6	18.3
23ELAC171	76	80	4	132.4	7.4	3.9	3.4	9.6	1.4	92.8	0.5	80.8	22.1	14.3	1.3	0.5	40.1	3.4	413.9	25.7
23ELAC171	80	84	4	92.5	3.1	1.8	1.3	3.8	0.6	35.9	0.3	28.6	8.0	5.1	0.6	0.3	18.4	1.7	201.9	19.5
23ELAC172	0	4	4	45.9	1.9	1.2	0.6	2.1	0.4	27.6	0.2	16.7	5.0	2.5	0.3	0.2	11.3	1.1	116.8	12.8
23ELAC172	4	8	4	45.6	2.0	1.2	0.6	2.4	0.4	31.1	0.2	18.4	5.6	3.0	0.3	0.2	11.3	1.2	123.5	17.3
23ELAC172	8	12	4	40.4	2.4	1.3	0.6	2.3	0.4	21.4	0.2	15.1	4.5	2.6	0.3	0.2	12.9	1.2	105.8	19.8
23ELAC172	12	16	4	11.0	0.9	0.6	0.2	0.8	0.2	4.4	0.1	3.4	1.0	0.7	0.1	0.1	4.9	0.7	29.1	15.3
23ELAC172	16	20	4	4.3	0.6	0.4	0.1	0.4	0.1	2.5	0.1	1.7	0.5	0.5	0.1	0.1	3.5	0.5	15.3	10.4
23ELAC172	20	24	4	5.3	0.6	0.4	0.1	0.5	0.1	4.6	0.1	2.3	0.7	0.6	0.1	0.1	3.5	0.5	19.4	11.4
23ELAC172	24	28	4	5.4	0.7	0.5	0.1	0.6	0.2	3.9	0.1	2.2	0.6	0.6	0.1	0.1	4.1	0.6	19.8	10.3
23ELAC172	28	32	4	9.2	0.8	0.5	0.2	0.7	0.2	9.4	0.1	4.2	1.4	0.8	0.1	0.1	4.6	0.6	32.8	9.1
23ELAC172	32	36	4	16.0	1.4	1.0	0.3	1.3	0.3	20.1	0.2	6.8	2.4	1.4	0.2	0.2	8.5	1.2	61.2	13.5
23ELAC172	36	40	4	57.6	1.9	1.1	0.5	2.2	0.4	126.1	0.2	23.3	10.3	2.9	0.3	0.2	9.8	1.2	237.9	11.4
23ELAC172	40	44	4	125.3	3.9	1.7	1.4	5.7	0.7	258.0	0.2	70.6	27.5	8.2	0.7	0.2	17.7	1.2	523.0	12.6
23ELAC172	44	48	4	296.3	5.4	2.5	2.0	8.1	0.9	201.1	0.3	103.3	35.1	13.8	1.0	0.3	24.7	2.2	697.1	8.7
23ELAC172	48	52	4	440.4	7.5	3.6	2.4	10.3	1.3	225.8	0.4	126.6	42.2	17.5	1.4	0.5	37.3	3.1	920.3	8.0
23ELAC172	52	56	4	613.8	11.8	5.6	3.7	16.6	2.1	363.6	0.7	204.1	69.4	28.1	2.2	0.8	62.9	4.6	1389.9	7.6
23ELAC172	56	60	4	869.1	30.5	15.7	9.5	43.5	5.8	574.7	1.9	400.1	124.1	57.7	5.6	2.1	186.0	12.8	2338.9	6.6
23ELAC172	60	64	4	869.1	12.3	6.1	4.9	18.8	2.2	457.4	0.8	250.8	85.8	32.5	2.3	0.8	71.7	5.3	1820.8	6.5
23ELAC172	64	68	4	641.9	9.4	4.6	3.8	14.0	1.7	363.6	0.7	195.4	65.5	24.6	1.8	0.7	55.6	4.4	1387.6	6.4
23ELAC172	68	72	4	614.9	7.1	3.6	3.2	11.3	1.3	351.8	0.5	162.7	58.9	19.2	1.4	0.5	45.1	3.1	1284.7	5.6
23ELAC172	72	76	4	301.0	4.8	2.5	1.6	6.8	0.9	178.9	0.3	81.5	28.6	10.3	0.9	0.4	29.2	2.2	649.9	4.4
23ELAC173	40	41	1	257.7	4.1	2.3	1.3	5.7	0.8	113.6	0.3	61.4	20.0	8.1	0.7	0.3	22.2	2.3	500.7	8.9
23ELAC173	41	42	1	229.0	3.3	2.0	0.9	4.1	0.6	87.4	0.3	46.5	15.4	5.9	0.6	0.3	21.1	2.0	419.5	7.7
23ELAC173	42	43	1	96.3	1.7	1.2	0.4	1.7	0.4	26.4	0.2	14.5	4.7	2.2	0.3	0.2	11.3	1.5	163.0	5.7
23ELAC173	43	44	1	110.2	1.3	0.8	0.4	1.7	0.3	30.6	0.1	17.0	5.4	2.5	0.2	0.1	7.3	0.8	178.8	4.3
23ELAC173	44	45	1	59.7	1.1	0.8	0.3	1.2	0.2	19.3	0.1	11.9	3.7	1.8	0.2	0.1	6.8	0.9	108.1	18.9
23ELAC173	45	46	1	324.5	3.4	1.6	1.5	5.3	0.6	126.7	0.2	71.3	23.1	9.8	0.7	0.2	15.0	1.7	585.5	35.1
23ELAC173	46	47	1	426.4	5.1	2.3	2.4	7.9	0.8	190.0	0.3	105.1	36.5	14.8	1.0	0.3	19.4	2.1	814.3	31.1
23ELAC173	47	48	1	576.3	5.9	2.5	3.0	9.3	1.0	224.6	0.3	132.4	46.1	18.3	1.2	0.3	21.7	2.3	1045.0	30.1
23ELAC173	48	49	1	494.3	5.6	2.3	2.6	8.9	0.9	202.9	0.2	107.1	35.5	15.3	1.1	0.3	21.7	1.9	900.5	16.6
23ELAC173	49	50	1	670.0	7.1	2.8	3.0	11.0	1.1	258.0	0.3	118.4	39.9	17.3	1.4	0.3	26.9	2.2	1159.8	16.6
23ELAC173	50	51	1	489.6	3.9	1.8	1.7	6.2	0.7	115.2	0.2	78.8	24.9	11.3	0.8	0.3	17.3	1.8	754.5	26.2
23ELAC173	51	52	1	324.5	3.3	1.5	1.5	5.5	0.6	113.8	0.2	70.6	22.0	10.0	0.7	0.2	14.3	1.5	570.0	11.1
23ELAC173	52	53	1	181.6	2.7	1.4	1.2	4.0	0.5	78.3	0.2	51.0	16.5	7.3	0.5	0.2	12.4	1.5	359.3	11.4
23ELAC173	53	54	1	285.8	3.5	1.7	1.6	5.2	0.6	93.2	0.2	66.7	21.3	9.6	0.7	0.2	16.1	1.7	508.3	11.8
23ELAC173	54	55	1	225.5	11.5	4.3	6.4	18.7	1.8	375.3	0.4	263.6	91.8	38.4	2.4	0.6	38.0	3.8	1082.2	16.9
23ELAC173	55	56	1	143.5	4.7	2.3	2.1	7.0	0.8	124.3	0.3	93.0	30.9	13.3	0.9	0.3	21.0	2.2	446.7	21.7
23ELAC173	56	57	1	176.3	6.9	3.2	3.3	10.4	1.2	179.4	0.3	141.7	47.4	20.2	1.3	0.4	31.0	3.0	626.1	27.3
23ELAC173	57	58	1	222.0	6.7	3.2	3.1	10.6	1.2	192.3	0.4	130.1	41.9	18.9	1.3	0.4	33.5	3.2	668.8	12.8
23ELAC173	58	59	1	105.2	5.6	3.1	1.9	7.3	1.1	113.5	0.4	72.7	23.1	11.1	1.0	0.4	32.8	3.1	382.2	11.7
23ELAC173	59	60	1	38.4	2.3	1.4	0.7	2.5	0.5	35.2	0.2	20.3	6.3	3.4	0.4	0.2	15.0	1.5	128.2	3.4
23ELAC174	33	34	1	141.1	1.8	1.0	0.7	2.7	0.3	66.6	0.2	35.5	11.3	4.7	0.3	0.2	8.8	1.1	276.2	6.3
23ELAC174	35	36	1	775.4	11.1	4.9	5.6	19.6	1.9	387.0	0.5	270.6	84.3	34.3	2.2	0.6	51.4	3.6	1653.1	6.0

Hole ID	From (m)	To (m)	Interval (m)	Ce_2O_3 (ppm)	Dy_2O_3 (ppm)	Er_2O_3 (ppm)	Eu_2O_3 (ppm)	Gd_2O_3 (ppm)	Ho_2O_3 (ppm)	La_2O_3 (ppm)	Lu_2O_3 (ppm)	Nd_2O_3 (ppm)	Pr_2O_3 (ppm)	Sm_2O_3 (ppm)	Tb_2O_3 (ppm)	Tm_2O_3 (ppm)	Y_2O_3 (ppm)	Yb_2O_3 (ppm)	TREO (ppm)	Sc_2O_3 (ppm)
23ELAC174	36	37	1	828.1	8.7	3.9	4.5	15.6	1.4	340.1	0.4	230.4	73.5	29.2	1.7	0.5	43.2	3.1	1584.4	5.5
23ELAC174	37	38	1	591.5	6.9	3.2	4.0	13.5	1.2	363.6	0.4	237.9	73.6	28.1	1.4	0.4	37.2	2.7	1365.6	5.0
23ELAC174	38	39	1	617.3	7.3	3.2	4.5	14.5	1.2	398.8	0.4	257.8	81.3	30.7	1.5	0.4	35.0	2.7	1456.5	4.8
23ELAC174	39	40	1	108.8	2.0	1.0	1.1	3.2	0.4	82.4	0.2	53.3	17.4	6.8	0.4	0.2	9.5	1.2	287.9	3.3
23ELAC174	40	41	1	271.7	4.0	2.1	1.6	6.1	0.7	143.7	0.3	91.8	29.3	12.2	0.8	0.3	18.1	2.1	584.7	4.8
23ELAC174	41	42	1	410.0	4.1	2.0	1.9	6.4	0.7	170.1	0.3	105.2	34.1	13.2	0.8	0.3	18.5	2.0	769.6	4.5
23ELAC174	42	43	1	352.6	4.1	1.9	2.0	7.2	0.7	192.9	0.3	112.9	37.2	14.1	0.8	0.3	18.2	1.9	747.0	3.9
23ELAC174	43	44	1	432.2	4.0	2.1	1.8	6.5	0.7	166.0	0.3	97.3	32.2	12.3	0.8	0.3	18.9	2.0	777.4	5.2
23ELAC174	44	45	1	312.7	4.6	2.3	2.0	7.1	0.8	159.5	0.3	96.9	30.7	12.8	0.9	0.4	22.9	2.3	656.2	4.3
23ELAC174	45	46	1	372.5	4.8	2.4	2.1	7.8	0.8	178.9	0.4	110.6	34.8	14.0	0.9	0.4	23.4	2.3	756.0	4.9
23ELAC174	46	47	1	411.1	5.9	2.9	2.6	9.8	1.0	222.8	0.4	127.7	40.8	16.3	1.1	0.4	28.6	2.5	873.9	4.4
23ELAC174	47	48	1	135.3	2.7	1.6	0.8	3.3	0.5	54.8	0.2	32.3	10.0	4.8	0.5	0.2	14.8	1.6	263.5	4.4
23ELAC174	48	49	1	216.1	3.9	2.2	1.2	5.1	0.8	106.5	0.3	61.8	19.6	8.3	0.7	0.3	22.5	2.1	451.3	4.8
23ELAC174	49	50	1	194.4	3.6	1.9	1.3	5.6	0.7	129.6	0.2	70.3	22.1	8.9	0.7	0.3	20.6	1.7	462.0	4.8
23ELAC174	50	51	1	281.1	4.6	2.6	1.3	6.4	0.9	147.2	0.3	76.9	24.7	9.9	0.8	0.4	28.2	2.2	587.4	4.6
23ELAC174	51	52	1	258.9	4.3	2.3	1.4	6.1	0.8	148.4	0.3	74.1	23.9	9.4	0.8	0.3	25.2	1.9	558.1	4.1
23ELAC174	52	53	1	347.9	6.5	3.5	2.2	9.3	1.2	234.6	0.4	117.8	38.9	14.9	1.2	0.5	40.5	2.8	822.1	5.6
23ELAC174	53	54	1	531.8	8.7	4.1	3.3	13.8	1.6	363.6	0.5	175.0	57.1	20.8	1.6	0.6	55.7	3.1	1241.3	5.8
23ELAC174	54	55	1	453.3	5.9	3.0	2.3	9.4	1.0	269.7	0.3	127.1	42.7	14.9	1.1	0.4	37.6	2.3	971.2	4.8
23ELAC174	55	56	1	541.1	6.2	3.1	2.7	10.1	1.1	316.7	0.3	148.7	50.3	17.3	1.2	0.4	42.7	2.4	1144.4	4.9
23ELAC174	56	57	1	606.7	6.2	3.0	2.8	10.3	1.1	340.1	0.3	153.4	53.6	17.3	1.2	0.4	43.0	2.6	1242.1	4.6
23ELAC174	57	58	1	529.4	4.7	2.3	2.4	8.1	0.8	293.2	0.3	137.1	49.5	15.5	0.9	0.3	31.0	1.9	1077.3	3.8
23ELAC174	58	59	1	557.5	5.0	2.5	2.6	8.9	0.9	340.1	0.3	152.8	56.1	16.0	1.0	0.3	35.3	2.2	1181.5	4.0
23ELAC174	59	60	1	638.4	6.7	3.3	3.0	10.9	1.2	387.0	0.3	168.5	59.5	18.3	1.3	0.4	52.7	2.6	1354.1	4.7
23ELRC001	0	4	4	83.0	4.7	2.7	1.5	5.1	0.9	28.4	0.4	33.7	8.5	6.7	0.8	0.4	25.8	2.5	205.0	42.3
23ELRC001	4	8	4	25.7	3.3	1.9	0.9	3.0	0.6	15.4	0.3	16.0	4.0	3.1	0.5	0.3	16.6	2.2	93.7	29.9
23ELRC001	8	12	4	140.6	4.4	2.5	1.2	4.3	0.8	35.1	0.4	28.2	7.6	5.4	0.7	0.4	22.4	2.5	256.3	23.9
23ELRC001	12	16	4	16.9	3.5	2.0	0.8	3.0	0.7	14.5	0.3	13.9	3.5	3.0	0.5	0.3	16.3	2.2	81.4	31.0
23ELRC001	16	20	4	12.7	2.6	1.6	0.6	2.2	0.5	8.3	0.3	9.2	2.4	2.3	0.4	0.2	12.4	1.7	57.3	31.9
23ELRC001	20	24	4	21.3	2.9	1.6	0.8	2.8	0.5	18.3	0.3	17.6	4.6	3.4	0.4	0.2	13.7	1.7	90.1	27.6
23ELRC001	24	28	4	19.2	2.6	1.6	0.7	2.9	0.5	22.8	0.2	16.6	4.7	3.0	0.4	0.2	15.3	1.5	92.2	34.5
23ELRC001	28	32	4	16.0	2.7	1.5	0.8	2.7	0.5	19.2	0.2	14.2	3.9	2.8	0.4	0.2	15.1	1.4	81.7	44.0
23ELRC001	32	36	4	40.9	3.1	1.8	0.9	3.6	0.6	29.8	0.3	22.5	6.4	4.1	0.5	0.3	19.6	1.8	136.1	29.3
23ELRC001	36	40	4	29.0	6.7	3.9	1.6	6.3	1.3	27.2	0.5	22.8	5.8	5.4	1.0	0.6	39.9	3.6	155.7	48.2
23ELRC001	40	44	4	31.3	5.6	3.4	1.4	5.3	1.1	19.7	0.4	17.5	4.3	4.4	0.8	0.5	38.0	3.0	136.8	56.3
23ELRC001	44	48	4	9.2	2.6	1.5	0.7	2.5	0.5	7.3	0.2	7.2	1.7	2.1	0.4	0.2	15.4	1.3	52.8	66.1
23ELRC001	48	49	1	15.5	2.8	1.6	0.6	2.4	0.5	11.8	0.2	9.6	2.3	2.1	0.4	0.2	17.5	1.6	69.2	53.5
23ELRC002	0	4	4	47.6	2.7	1.6	0.8	2.9	0.5	11.7	0.2	14.8	3.9	3.1	0.4	0.2	14.9	1.4	106.5	97.9
23ELRC002	4	8	4	47.9	3.0	1.7	0.9	3.0	0.6	10.3	0.2	15.2	4.2	3.4	0.5	0.2	14.3	1.4	106.5	129.1
23ELRC002	8	12	4	32.4	3.0	1.8	0.8	2.8	0.6	10.0	0.2	12.6	3.3	2.7	0.5	0.3	15.4	1.7	88.0	130.4
23ELRC002	12	16	4	76.6	5.1	3.0	1.4	4.3	1.0	14.1	0.4	17.1	4.5	4.4	0.8	0.5	24.4	2.9	160.6	127.2
23ELRC002	16	20	4	18.3	3.3	2.0	0.9	2.7	0.6	8.2	0.3	9.9	2.5	2.6	0.5	0.3	17.3	2.1	71.4	111.5
23ELRC002	20	24	4	48.3	3.6	2.0	1.0	3.4	0.7	15.0	0.3	16.4	4.4	3.6	0.6	0.3	17.5	1.9	118.9	107.7
23ELRC002	24	28	4	9.8	2.2	1.3	0.6	1.9	0.5	5.8	0.2	7.3	1.8	1.8	0.3	0.2	12.8	1.4	47.9	77.3
23ELRC002	28	32	4	11.7	2.2	1.4	0.6	2.1	0.5	5.9	0.2	7.9	1.8	1.9	0.3	0.2	13.3	1.4	51.5	75.8
23ELRC002	32	36	4	7.0	2.0	1.3	0.4	1.7	0.4	3.2	0.2	5.3	1.1	1.4	0.3	0.2	11.8	1.2	37.5	60.3
23ELRC002	36	40	4	6.9	1.5	1.0	0.3	1.3	0.3	2.8	0.2	4.5	0.9	1.1	0.2	0.1	9.0	1.0	31.3	39.4
23ELRC002	40	44	4	4.8	1.3	0.9	0.3	1.1	0.3	2.3	0.2	3.2	0.7	0.9	0.2	0.1	8.6	1.0	25.7	29.1
23ELRC002	44	48	4	5.7	1.7	1.2	0.5	1.6	0.4	4.2	0.2	4.8	1.0	1.3	0.2	0.2	12.2	1.3	36.6	37.9

Hole ID	From (m)	To (m)	Interval (m)	Ce_2O_3 (ppm)	Dy_2O_3 (ppm)	Er_2O_3 (ppm)	Eu_2O_3 (ppm)	Gd_2O_3 (ppm)	Ho_2O_3 (ppm)	La_2O_3 (ppm)	Lu_2O_3 (ppm)	Nd_2O_3 (ppm)	Pr_2O_3 (ppm)	Sm_2O_3 (ppm)	Tb_2O_3 (ppm)	Tm_2O_3 (ppm)	Y_2O_3 (ppm)	Yb_2O_3 (ppm)	TREO (ppm)	Sc_2O_3 (ppm)
23ELRC002	48	52	4	2.8	0.7	0.5	0.2	0.6	0.2	2.0	0.1	1.9	0.4	0.5	0.1	0.1	4.6	0.5	15.2	25.4
23ELRC002	52	56	4	5.4	0.9	0.6	0.2	0.8	0.2	2.4	0.1	3.1	0.8	0.7	0.1	0.1	6.1	0.8	22.2	25.8
23ELRC002	56	60	4	8.6	1.5	1.1	0.2	1.3	0.3	3.1	0.2	4.1	1.1	1.2	0.2	0.2	11.4	1.5	36.1	23.9
23ELRC002	60	64	4	6.2	1.0	0.7	0.3	0.9	0.2	3.2	0.1	3.5	0.8	0.8	0.1	0.1	6.4	0.6	25.0	31.0
23ELRC002	64	68	4	6.4	1.8	1.2	0.4	1.4	0.4	2.5	0.2	4.0	0.9	1.2	0.2	0.2	10.9	1.2	32.9	46.8
23ELRC002	68	70	2	19.8	2.1	1.3	0.4	1.9	0.4	8.6	0.2	8.8	2.4	2.1	0.3	0.2	12.8	1.2	62.4	19.3
23ELRC003	0	4	4	207.9	3.2	1.5	1.5	5.1	0.6	112.0	0.2	65.2	21.4	8.7	0.6	0.2	19.1	1.4	448.6	5.8
23ELRC003	4	8	4	229.0	3.2	1.5	1.4	5.2	0.5	124.9	0.2	71.4	23.9	9.1	0.6	0.2	16.8	1.3	489.1	4.2
23ELRC003	8	12	4	224.3	3.1	1.4	1.5	5.1	0.5	117.2	0.2	70.5	23.1	9.0	0.6	0.2	15.9	1.2	473.7	5.2
23ELRC003	12	16	4	227.8	3.6	1.6	1.6	5.8	0.6	120.2	0.2	80.2	25.0	10.8	0.7	0.2	17.8	1.4	497.7	4.3
23ELRC003	16	20	4	234.3	3.4	1.6	1.6	5.8	0.6	126.1	0.2	81.2	25.9	10.7	0.7	0.2	17.4	1.3	510.9	4.1
23ELRC003	20	21	1	251.8	4.0	1.6	1.6	6.2	0.6	131.4	0.2	87.1	26.3	11.0	0.7	0.2	20.3	1.4	544.4	4.7
23ELRC004	0	4	4	235.4	3.8	1.7	1.6	6.3	0.6	146.0	0.2	87.9	28.0	11.2	0.7	0.2	21.0	1.5	546.4	5.1
23ELRC004	4	8	4	263.5	3.7	1.7	1.7	6.4	0.6	141.9	0.2	91.8	29.6	11.8	0.8	0.2	18.9	1.6	574.6	4.3
23ELRC004	8	12	4	229.6	3.4	1.5	1.5	5.6	0.6	123.7	0.2	80.4	25.2	10.1	0.6	0.2	17.0	1.3	500.8	4.3
23ELRC004	12	16	4	250.7	3.6	1.7	1.7	6.0	0.6	135.5	0.2	87.1	27.9	11.3	0.7	0.2	17.8	1.5	546.5	4.3
23ELRC004	16	20	4	238.9	3.5	1.6	1.6	5.8	0.6	129.0	0.2	84.0	26.7	10.8	0.7	0.2	18.2	1.5	523.4	4.5
23ELRC004	20	24	4	240.1	3.6	1.6	1.6	5.9	0.6	127.8	0.2	83.9	26.4	11.0	0.7	0.2	17.9	1.4	523.0	4.1
23ELRC005	0	4	4	36.0	1.8	1.7	0.5	1.8	0.3	15.8	0.2	12.6	3.5	2.3	0.3	0.2	9.9	1.0	87.8	66.0
23ELRC005	4	8	4	54.9	1.9	1.0	0.5	1.7	0.3	7.2	0.1	8.3	2.2	2.1	0.3	0.2	7.3	1.0	89.1	81.8
23ELRC005	8	12	4	312.7	7.1	4.1	1.4	5.4	1.4	9.7	0.6	15.7	3.9	5.5	1.1	0.6	30.4	4.1	403.7	37.7
23ELRC005	12	16	4	330.3	7.7	4.6	1.6	6.0	1.5	24.2	0.7	25.2	7.1	6.6	1.2	0.7	36.2	4.7	458.1	22.9
23ELRC005	16	20	4	241.3	8.1	4.4	2.6	9.6	1.5	111.4	0.6	71.6	21.6	11.7	1.4	0.6	41.8	3.9	532.0	48.3
23ELRC005	20	24	4	196.8	5.2	2.7	1.9	6.5	1.0	93.1	0.4	62.1	19.2	9.6	0.9	0.4	25.9	2.6	428.1	27.5
23ELRC005	24	28	4	100.4	3.1	1.7	1.1	4.3	0.6	59.6	0.3	39.7	12.1	6.1	0.5	0.3	17.3	1.7	248.7	20.6
23ELRC005	28	32	4	120.6	3.2	1.9	1.2	4.7	0.6	80.6	0.3	45.0	13.8	6.8	0.6	0.3	19.2	2.1	301.1	11.9
23ELRC005	32	36	4	116.8	2.3	1.2	1.0	3.3	0.4	63.1	0.2	34.4	11.4	4.8	0.4	0.2	13.9	1.1	254.3	3.8
23ELRC005	36	39	3	58.0	1.6	0.9	0.6	1.9	0.3	31.0	0.2	17.6	5.9	2.7	0.3	0.1	9.6	1.1	131.6	2.3
23ELRC006	0	4	4	71.4	2.9	1.7	1.2	3.4	0.6	29.8	0.2	25.0	6.8	4.3	0.5	0.2	16.6	1.6	166.2	45.1
23ELRC006	4	8	4	42.5	3.8	2.4	1.7	3.9	0.8	23.0	0.4	23.4	6.1	4.6	0.6	0.4	21.2	2.4	137.2	92.2
23ELRC006	8	12	4	35.1	4.4	2.6	1.7	4.2	0.9	24.5	0.4	23.1	6.3	4.8	0.7	0.4	23.1	2.7	134.8	99.5
23ELRC006	12	16	4	34.3	4.2	2.3	1.6	4.8	0.8	33.1	0.3	31.8	8.7	6.1	0.7	0.3	21.7	2.2	152.9	95.7
23ELRC006	16	20	4	34.1	3.6	2.2	1.2	3.8	0.7	23.9	0.3	22.0	6.2	4.3	0.6	0.3	20.5	2.1	125.7	69.5
23ELRC006	20	24	4	63.7	3.7	2.0	1.3	4.3	0.7	38.5	0.3	30.0	8.5	5.2	0.6	0.3	20.8	2.1	182.0	41.0
23ELRC006	24	28	4	82.1	4.4	2.5	1.6	5.4	0.8	54.2	0.4	41.6	11.6	7.1	0.7	0.3	26.2	2.4	241.3	31.0
23ELRC006	28	32	4	71.9	6.0	3.5	1.8	6.8	1.2	42.9	0.5	37.9	9.8	6.9	0.9	0.5	35.7	3.3	229.6	55.5
23ELRC006	32	36	4	84.9	5.4	2.9	1.8	7.1	1.0	66.6	0.4	45.3	12.2	7.5	0.9	0.4	32.5	2.5	271.4	19.2
23ELRC006	36	40	4	51.5	1.7	1.0	0.6	2.2	0.3	27.2	0.2	19.5	5.9	3.1	0.3	0.1	10.8	1.0	125.3	4.7
23ELRC006	40	44	4	51.4	1.7	0.9	0.7	2.2	0.3	26.0	0.1	18.8	5.6	3.0	0.3	0.1	10.7	1.0	122.9	4.9
23ELRC006	44	48	4	82.0	1.6	0.9	0.7	2.1	0.3	47.0	0.2	25.9	8.5	3.4	0.3	0.1	10.6	0.9	184.5	4.2
23ELRC006	48	52	4	103.7	1.6	0.9	0.8	2.4	0.3	55.0	0.1	28.5	9.7	3.9	0.3	0.1	10.2	0.9	218.5	3.1
23ELRC006	52	56	4	97.5	1.5	0.8	0.8	2.2	0.3	53.7	0.1	27.9	9.4	3.5	0.3	0.1	8.7	0.8	207.4	2.4
23ELRC006	56	60	4	110.1	1.9	1.0	0.8	2.6	0.3	62.4	0.1	31.1	10.5	4.2	0.3	0.1	10.7	0.9	237.0	2.9
23ELRC006	60	64	4	84.5	1.1	0.6	0.6	1.7	0.2	46.8	0.1	23.6	7.9	3.0	0.2	0.1	6.2	0.5	176.9	2.8
23ELRC006	64	68	4	86.1	1.2	0.5	0.6	1.8	0.2	48.2	0.1	25.4	8.3	3.2	0.2	0.1	6.2	0.5	182.7	2.7
23ELRC006	68	72	4	84.2	1.5	0.8	0.7	2.2	0.3	49.1	0.1	26.8	8.6	3.7	0.3	0.1	8.5	0.7	187.6	2.6
23ELRC006	72	76	4	79.4	2.1	1.3	0.7	2.5	0.4	44.8	0.2	24.1	7.8	3.4	0.3	0.2	12.4	1.2	180.8	13.7
23ELRC006	76	80	4	105.4	1.9	1.0	0.8	2.6	0.3	60.4	0.1	34.2	10.9	4.4	0.3	0.1	10.9	0.9	234.3	2.6
23ELRC006	80	84	4	115.4	2.0	1.1	0.9	3.1	0.4	67.9	0.1	38.0	12.0	5.2	0.4	0.1	12.4	0.9	259.8	2.9

APPENDIX IV - JORC Compliance Tables

Section 1 Sampling Techniques and Data

Criteria	JORC Code Explanation	Commentary
Sampling techniques	• *Nature and quality of sampling (eg cut channels, random chips, or specific specialised industry standard measurement tools appropriate to the minerals under investigation, such as down hole gamma sondes, or handheld XRF instruments, etc). These examples should not be taken as limiting the broad meaning of sampling.* • *Include reference to measures taken to ensure sample representivity and the appropriate calibration of any measurement tools or systems used.* • *Aspects of the determination of mineralisation that are Material to the Public Report.* • *In cases where 'industry standard' work has been done this would be relatively simple (eg 'reverse circulation drilling was used to obtain 1 m samples from which 3 kg was pulverised to produce a 30 g charge for fire assay'). In other cases more explanation may be required, such as where there is coarse gold that has inherent sampling problems. Unusual commodities or mineralisation types (eg submarine nodules) may warrant disclosure of detailed information.*	• Conventional Aircore (AC) drilling was used to obtain representative 1 metre samples of approximately 1.5kg using a rig-mounted cyclone and cone splitter. • The remaining material from each metre was collected from the cyclone as a bulk sample of approximately 15-20kg. • 1 metre drilling samples were screened with a handheld XRF instrument to identify samples for assaying. • In the laboratory, samples are riffle split if required, then pulverised to a nominal 85% passing 75 microns to obtain a homogenous sub-sample for assay. • Sampling was carried out under MTM's standard protocols and QAQC procedures and is considered standard industry practice.
Drilling techniques	• *Drill type (eg core, reverse circulation, open-hole hammer, rotary air blast, auger, Bangka, sonic, etc) and details (eg core diameter, triple or standard tube, depth of diamond tails, face-sampling bit or other type, whether core is oriented and if so, by what method, etc).*	• Aircore drilling was completed using standard industry methods. • Drilling used a 90mm drill bit to refusal, usually saprock to fresh rock. • Aircore is considered to be an appropriate drilling technique for saprolitic clay.
Drill sample recovery	• *Method of recording and assessing core and chip sample recoveries and results assessed.* • *Measures taken to maximise sample recovery and ensure representative nature of the samples.* • *Whether a relationship exists between sample recovery and grade and whether sample bias may have occurred due to preferential loss/gain of fine/coarse material.*	• AC drill samples recoveries were assessed visually but not recorded. Samples are not considered to be materially biased, given the nature of the geology and sampling method. • Recoveries remained relatively consistent throughout the program and are estimated to be 100% for 95% of drilling. • Poor (low) recovery intervals were logged and entered into the drill logs. • The cone splitter was routinely cleaned and inspected during drilling. • Care was taken to ensure calico samples were of consistent volume.
Logging	• *Whether core and chip samples have been geologically and geotechnically logged to a level of detail to support appropriate Mineral Resource estimation, mining studies and metallurgical studies.* • *Whether logging is qualitative or quantitative in nature. Core (or costean, channel, etc) photography.* • *The total length and percentage of the relevant intersections logged.*	• AC samples were logged geologically on a one metre interval basis, including but not limited to: recording colour, weathering, regolith, lithology, veining, structure, texture, alteration and mineralisation (type and abundance). • Logging was at a qualitative standard appropriate for AC drilling and is not suitable to support future Mineral Resource estimation.

Criteria	JORC Code Explanation	Commentary
		• Representative material was collected from each AC drill sample and stored in a chip tray. These chip trays were transferred to a secure Company storage facility located in Kalgoorlie. • All holes and all relevant intersections were geologically logged in full.
Sub-sampling techniques and sample preparation	• *If core, whether cut or sawn and whether quarter, half or all core taken.* • *If non-core, whether riffled, tube sampled, rotary split, etc and whether sampled wet or dry.* • *For all sample types, the nature, quality and appropriateness of the sample preparation technique.* • *Quality control procedures adopted for all sub-sampling stages to maximise representivity of samples.* • *Measures taken to ensure that the sampling is representative of the in situ material collected, including for instance results for field duplicate/second-half sampling.* • *Whether sample sizes are appropriate to the grain size of the material being sampled.*	• 1m interval samples were submitted to the analytical laboratory for sample preparation. • >95% of the samples were dry in nature. • AC drilling samples were weighed, dried and pulverized to 85% passing 75 microns. This is considered industry standard and appropriate. • MTM has its own internal QAQC procedure involving the use of certified reference materials (standards), blanks and field duplicates which account for approximately 5% of the total submitted samples. • The sample sizes are considered appropriate for the style of precious metal mineralisation previously recorded for the area.
Quality of assay data and laboratory tests	• *The nature, quality and appropriateness of the assaying and laboratory procedures used and whether the technique is considered partial or total.* • *For geophysical tools, spectrometers, handheld XRF instruments, etc, the parameters used in determining the analysis including instrument make and model, reading times, calibrations factors applied and their derivation, etc.* • *Nature of quality control procedures adopted (eg standards, blanks, duplicates, external laboratory checks) and whether acceptable levels of accuracy (ie lack of bias) and precision have been established.*	• 1m drilling samples have been submitted for a multi-element assay technique (ME-MS61L) using multi-acid (4 acid) digestion with an ICP-MS and ICP-AES finish; and rare earth elements with a multi-element technique (MS61L-REE) using a multi-acid digestion (HF-HNO_3-$HClO_4$), HCl leach followed by ICP-MS analysis. • The assay techniques are considered appropriate and are industry best standard. • The techniques are considered to be a near total digest, only the most resistive minerals are only partially dissolved. • An internal QAQC procedure involving the use of certified reference materials (standards), blanks and duplicates accounts for approximately 5% of the total submitted samples. • The certified reference materials used have a representative range of values typical of low, moderate and high grade gold mineralisation. Standard results for drilling demonstrated assay values are both accurate and precise. Blank results demonstrate there is negligible cross-contamination between samples. Duplicate results suggest there is reasonable repeatability between samples.
Verification of sampling and assaying	• *The verification of significant intersections by either independent or alternative company personnel.* • *The use of twinned holes.* • *Documentation of primary data, data entry procedures, data verification, data storage (physical and electronic) protocols.*	• Significant intersections have been verified by the Company's database manager. • No dedicated twin holes have yet been drilled for comparative purposes. • Primary data was collected on paper log sheets and then transferred to digital logging hardware and software using in-house logging methodology and codes.

Criteria	JORC Code Explanation	Commentary
	• *Discuss any adjustment to assay data.*	• Logging data was sent to the Perth based office where the data was validated and entered into an industry standard master database maintained by the MTM database administrator.
Location of data points	• *Accuracy and quality of surveys used to locate drill holes (collar and down-hole surveys), trenches, mine workings and other locations used in Mineral Resource estimation.* • *Specification of the grid system used.* • *Quality and adequacy of topographic control.*	• Hole collar locations are surveyed prior to rehabilitation with handheld GPS instruments with accuracy ±3m. • Downhole surveys were not undertaken. • The grid system used for location of all drill holes as shown in tables and on figures is MGA Zone 51, GDA94. • Topographic control is based on handheld GPS, suitable for current stage of exploration.
Data spacing and distribution	• *Data spacing for reporting of Exploration Results.* • *Whether the data spacing and distribution is sufficient to establish the degree of geological and grade continuity appropriate for the Mineral Resource and Ore Reserve estimation procedure(s) and classifications applied.* • *Whether sample compositing has been applied.*	• Drill hole spacing is variable, as shown in diagrams in the body of the announcement. • Drill hole spacing and distribution is not considered sufficient as to make geological and grade continuity assumptions appropriate for Mineral Resource estimation. • Drill hole samples were collected at 1m intervals.
Orientation of data in relation to geological structure	• *Whether the orientation of sampling achieves unbiased sampling of possible structures and the extent to which this is known, considering the deposit type.* • *If the relationship between the drilling orientation and the orientation of key mineralised structures is considered to have introduced a sampling bias, this should be assessed and reported if material.*	• The orientation of drilling and sampling is not anticipated to have any significant biasing effects. • The drill holes reported in this announcement are vertical and are interpreted to have intersected the mineralised structures approximately perpendicular to their dip.
Sample security	• *The measures taken to ensure sample security.*	• Sample chain of custody is managed by MTM. • Sampling is carried out by MTM field staff. • Samples are transported to a laboratory in Kalgoorlie by MTM employees.
Audits or reviews	• *The results of any audits or reviews of sampling techniques and data.*	• No audit or review has been completed.

Section 2 Reporting of Exploration Results

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

Criteria	JORC Code Explanation	Commentary
Mineral tenement and land tenure status	• *Type, reference name/number, location and ownership including agreements or material issues with third parties such as joint ventures, partnerships, overriding royalties, native title interests, historical sites, wilderness or national park and environmental settings.* • *The security of the tenure held at the time of reporting along with any known impediments to obtaining a licence to operate in the area.*	• The results relate to drilling completed on exploration licences E38/3462, E38/3466, E38/3499. • The exploration licences are held 100% by Tevel Pty Ltd (Tevel). • MTM Critical Metals Ltd has executed an earn-in and joint venture agreement with Tevel that entitles the Company to earn up to a 75% interest in the tenements. • The tenements are located on the Laverton Downs pastoral lease. • The tenements are located within the registered Native Title claim area of the Nyalpa Pirniku group. The Company has a heritage protection agreement with the Nyalpa Pirniku and conducted a clearance survey of the drilling areas in December 2022. • The tenements are held securely and no impediments to obtaining a licence to operate have been identified.
Exploration done by other parties	• *Acknowledgment and appraisal of exploration by other parties.*	• The tenement contains extensive sedimentary cover and there has been minimal exploration in the area either by exploration companies or government geological surveys. • Earliest exploration within the region was for diamonds, gold, nickel and uranium, with only a limited number of drill holes. • Reconnaissance exploration activities including geophysical data interpretation and surface geochemical sampling, have identified a number of rare earth element anomalies requiring further follow up work. • A number of early stage exploration programs including shallow RAB and aircore drilling have been completed in the Pt Kidman prospect areas.
Geology	• *Deposit type, geological setting and style of mineralisation.*	• The tenement area is located within the poorly understood Burtville Terrane on the eastern edge of the Eastern Goldfields Superterrane. Interpreted geology comprises predominantly Archaean granite gneiss with relatively narrow remnant greenstone units. The area contains limited outcrop, with the bedrock geology predominantly concealed by younger transported cover. • The area is on the eastern fringe of the Yilgarn Craton, surrounded by existing and emerging world class gold camps. To the west, the +25 Moz Au Laverton Greenstone Belt is home to Sunrise Dam (10 Moz Au), Wallaby (8 Moz Au) and Granny Smith (2.5 Moz Au) and a suite of other nearby deposits. Gold production from the belt is estimated to be in excess of 28 Moz Au. Lying to the east of the area is the Yamarna Greenstone Belt, hosting the 6 Moz Au granitoid-host ed Gruyere deposit, whilst the 7.5 Moz Au granite gneiss-hosted Tropicana deposit is located in the Albany-Fraser Province to the southeast.

Criteria	JORC Code Explanation	Commentary
		• Limited previous exploration within the Point Kidman project area has identified light rare earths (LREE) mineralisation hosted by laterite clays and strongly weathered granites associated with Archaean granitoid terrane. Aircore drilling intersected anomalous LREE mineralisation (Ce, La, Nd, Pr and Sm) in reconnaissance aircore drill holes over a wide area that remain to be followed up with additional exploration. Very widely spaced Geological Survey of Western Australia (GSWA) rock chip samples in the area have returned anomalous REEs and indicates the size of the anomalous REE fingerprint in the region is much larger than the area drilled to date.
Drill hole Information	• *A summary of all information material to the understanding of the exploration results including a tabulation of the following information for all Material drill holes, including 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 plus 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.*	• All material information is summarised in Appendix I and in the Tables and Figures included in the body of the announcement.
Data aggregation methods	• *In reporting Exploration Results, weighting averaging techniques, maximum and/or minimum grade truncations (eg cutting of high grades) and cut-off grades are usually Material and should be stated.* • *Where aggregate intercepts incorporate short lengths of high grade results and longer lengths of low grade results, the procedure used for such aggregation should be stated and some typical examples of such aggregations should be shown in detail.* • *The assumptions used for any reporting of metal equivalent values should be clearly stated.*	• Length-weighted average grades are reported. • No maximum grade truncations have been applied. • Significant intersections are reported based on 300ppm total rare earth oxide (TREO) cut-off grade with a maximum of 2 metres internal dilution. • Where appropriate higher-grade intersections are reported based on a 1,000ppm TREO cut-off with no internal dilution. • No metal equivalent values have been reported. • Multi-element results (REE) are converted to stoichiometric oxide (REO) using element-to-stoichiometric oxide conversion factors. • These stoichiometric conversion factors are stated in the table below and can be referenced in appropriate publicly available technical data. • Rare earth oxide is the industry accepted form for reporting rare earths. The following calculations are used for compiling REO into their reporting and evaluation groups: • Total rare earth oxide (TREO) values were derived by the simple addition of grades for lanthanum (La_2O_3), cerium (CeO_2), praseodymium (Pr_2O_3), neodymium (Nd_2O_3), samarium (Sm_2O_3), europium (Eu_2O_3), gadolinium (Gd_2O_3), terbium (Tb_2O_3), dysprosium (Dy_2O_3), holmium (Ho_2O_3), erbium (Er_2O_3), thulium (Tm_2O_3), ytterbium (Yb_2O_3), lutetium (Lu_2O_3) and yttrium (Y_2O_3).

<table>
<tr><th>Criteria</th><th>JORC Code Explanation</th><th>Commentary</th></tr>
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Heavy Rare Earth Oxide (HREO) grade includes Eu_2O_3, Gd_2O_3, Tb_2O_3, Dy_2O_3, Ho_2O_3, Er_2O_3, Tm_2O_3, Yb_2O_3, Lu_2O_3 and Y_2O_3. Reported as percentage of TREO.
Magnet Rare Earth Oxide (MREO) grade includes Nd_2O_3, Pr_2O_3, Sm_2O_3, Gd_2O_3, Tb_2O_3, Dy_2O_3, and Ho_2O_3. Shown as percentage of TREO.
Critical Rare Earth Oxide (CREO) grade includes Nd_2O_3, Eu_2O_3, Tb_2O_3, Dy_2O_3 and Y_2O_3. Shown as percentage of TREO.
Nd+Pr REO (NdPr) grade includes Nd_2O_3 and Pr_2O_3.

<table>
<tr><th>Element</th><th>Conversion Factor</th><th>Oxide Form</th></tr>
<tr><td>Ce</td><td>1.2284</td><td>CeO_2</td></tr>
<tr><td>Dy</td><td>1.1477</td><td>Dy_2O_3</td></tr>
<tr><td>Er</td><td>1.1435</td><td>Er_2O_3</td></tr>
<tr><td>Eu</td><td>1.1579</td><td>Eu_2O_3</td></tr>
<tr><td>Gd</td><td>1.1526</td><td>Gd_2O_3</td></tr>
<tr><td>Ho</td><td>1.1455</td><td>Ho_2O_3</td></tr>
<tr><td>La</td><td>1.1728</td><td>La_2O_3</td></tr>
<tr><td>Lu</td><td>1.1372</td><td>Lu_2O_3</td></tr>
<tr><td>Nd</td><td>1.1664</td><td>Nd_2O_3</td></tr>
<tr><td>Pr</td><td>1.1703</td><td>Pr_2O_3</td></tr>
<tr><td>Sc</td><td>1.5338</td><td>Sc_2O_3</td></tr>
<tr><td>Sm</td><td>1.1596</td><td>Sm_2O_3</td></tr>
<tr><td>Tb</td><td>1.1510</td><td>Tb_2O_3</td></tr>
<tr><td>Tm</td><td>1.1421</td><td>Tm_2O_3</td></tr>
<tr><td>Y</td><td>1.2699</td><td>Y_2O_3</td></tr>
<tr><td>Yb</td><td>1.1387</td><td>Yb_2O_3</td></tr>
</table>
</td></tr>
<tr><td>Relationship between mineralisation widths and intercept lengths</td><td>

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’).

</td><td>

Down hole lengths are reported.
The mineralisation is assumed to be subhorizontal in orientation so true width and intercept length is approximately equal.
Further drilling is required to determine the geometry of the mineralisation with respect to the drill hole angle.

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<tr><td>Diagrams</td><td>

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.

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Refer to Figures included in the body of the announcement.

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</table>

Criteria	JORC Code Explanation	Commentary
Balanced reporting	• *Where comprehensive reporting of all Exploration Results is not practicable, representative reporting of both low and high grades and/or widths should be practiced to avoid misleading reporting of Exploration Results.*	• Comprehensive reporting of REE assay results is provided in Appendix III. • Reporting of significant TREO intersections >300ppm and >1,000ppm is provided in Appendix II. • Representative reporting of significant intersections is included in the body of the announcement.
Other substantive exploration data	• *Other exploration data, if meaningful and material, should be reported including (but not limited to): geological observations; geophysical survey results; geochemical survey results; bulk samples – size and method of treatment; metallurgical test results; bulk density, groundwater, geotechnical and rock characteristics; potential deleterious or contaminating substances.*	• None.
Further work	• *The nature and scale of planned further work (eg tests for lateral extensions or depth extensions or large-scale step-out drilling).* • *Diagrams clearly highlighting the areas of possible extensions, including the main geological interpretations and future drilling areas, provided this information is not commercially sensitive.*	• Further drilling may be undertaken for infill and extension of the known exploration prospects. • Soil sampling is being undertaken to evaluate the extension of the mineralised structure to the southeast and further drilling may be undertaken to test exploration targets.