ASX Announcement

ASX:MTM 19 August 2022

AIRCORE DRILLING CONFIRMS WIDESPREAD REE MINERALISATION AT EAST LAVERTON

Highlights:

- **Shallow, broad, rare earth element mineralisation within saprolitic clays identified by aircore drilling program**
- **Significant Total Rare Earth Oxide (TREO) mineralisation intersected, including:**
  - **22ELAC048 – 15m @ 1,461ppm TREO, from 21m**
  - **22ELAC003 – 5m @ 1,790ppm TREO, from 27m**
  - **22ELAC043 – 6m @ 1,493ppm TREO, from 12m**
  - **22ELAC046 – 2m @ 1,889ppm TREO, from 15m**
  - **22ELAC039 – 3m @ 1,753ppm TREO, from 27m**
- **Continuity of mineralisation indicated in excess of 1.2 kilometres**
- **Large prospective area remains untested and permitting for further drilling in progress**

Mt Monger Resources Limited (ASX:**MTM**) (**Mt Monger** or the **Company**) has received assay results from its recent reconnaissance aircore drilling campaign at the Pt Kidman prospect, part of the East Laverton Project located in Western Australia (Figure 1). Drilling has successfully intersected significant widths and grades of rare earth element (**REE**) mineralisation in all areas that were tested.

Commenting on the results of the drilling program, Managing Director Lachlan Reynolds stated:

> *"These assays confirm the presence of shallow, rare earth element mineralisation across three broad areas of the Pt Kidman prospect.*
>
> *The mineralised saprolitic clay horizon shows continuity over a significant area and only a small fraction of the overall target area has been tested. Elsewhere, surface samples and historical drilling results indicate that there is substantial additional potential for zones of clay-hosted rare earth mineralisation.*
>
> *Planning and permitting is currently underway to undertake further drilling. These results suggest that the Pt Kidman prospect is an exciting opportunity that could evolve into a new critical minerals deposit of importance."*

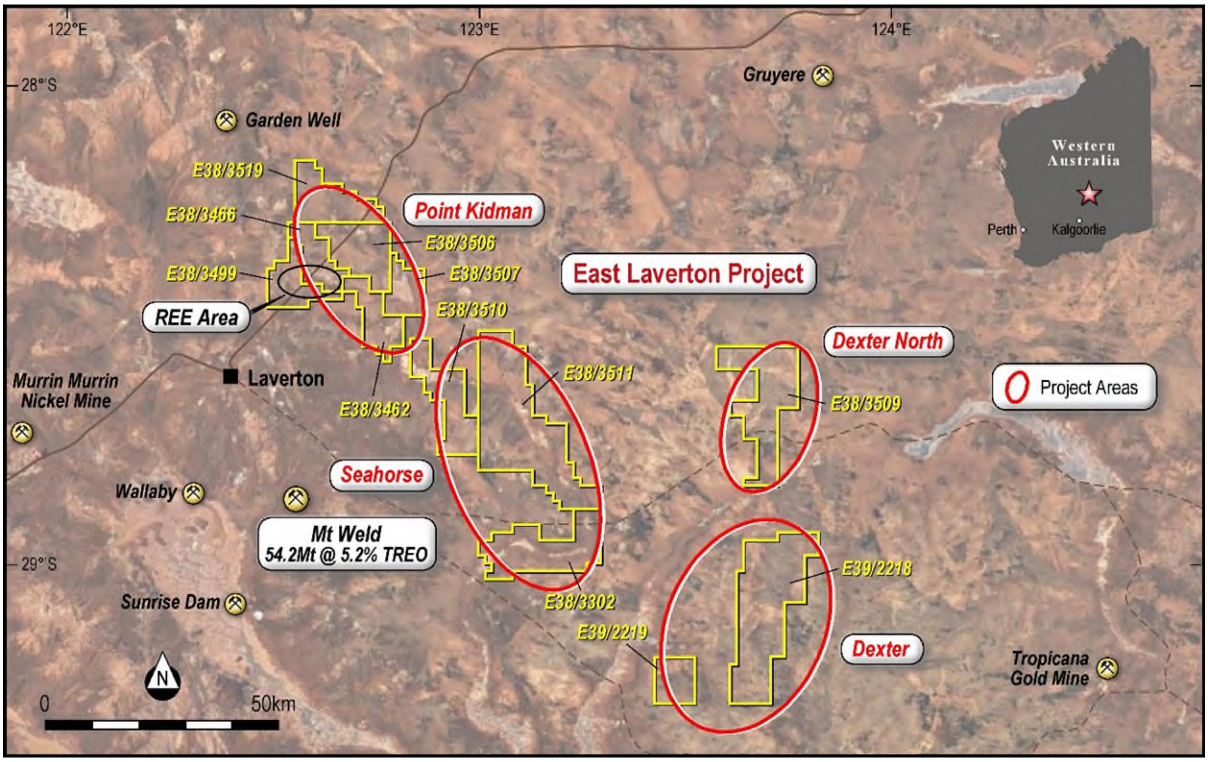

Figure 1: Location diagram of the East Laverton Project showing the location of the REE target area.

Aircore Drilling Results

A total of 48 aircore (**AC**) drill holes were completed, for a total of 1,084 metres of drilling (see hole details in Appendix I and diagram of collar locations in Figure 2) was completed at the Pt Kidman prospect to test the known REE mineralisation in the area. Multi-element assay results including a full REE suite have been received for 3m composite samples routinely collected from all the drill holes.

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

Hole ID	From (m)	To (m)	Interval (m)	Grade TREO (ppm)
22ELAC003	27	32	5	1,790
22ELAC023	24 33	27 36	3 3	1,135 1,275
22ELAC026	18	21	3	1,034
22ELAC027	21	24	3	1,194
22ELAC033	18	21	3	1,016
22ELAC039	27	30	3	1,753
22ELAC040	24	27	3	1,371
22ELAC043	12	18	6	1,493
22ELAC046	15	17	2	1,889
22ELAC048	21	36	15	1,461

Downhole intervals, true widths not known. Appropriate rounding of grade values has been applied. Significant intersections are based on a 1,000ppm TREO cut-off grade with no internal dilution.

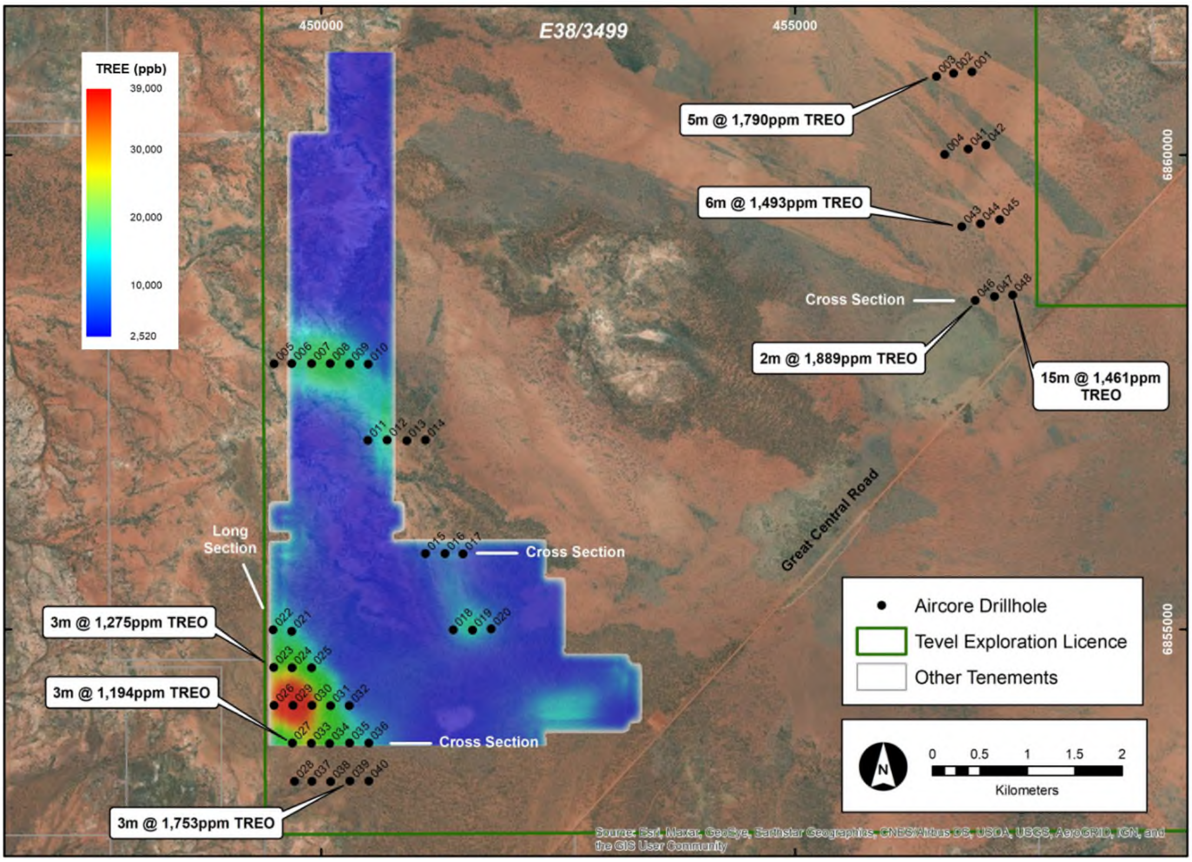

Figure 2: Drill status diagram of the Pt Kidman Prospect showing gridded soil sample results and the collar locations of the completed aircore drill holes.

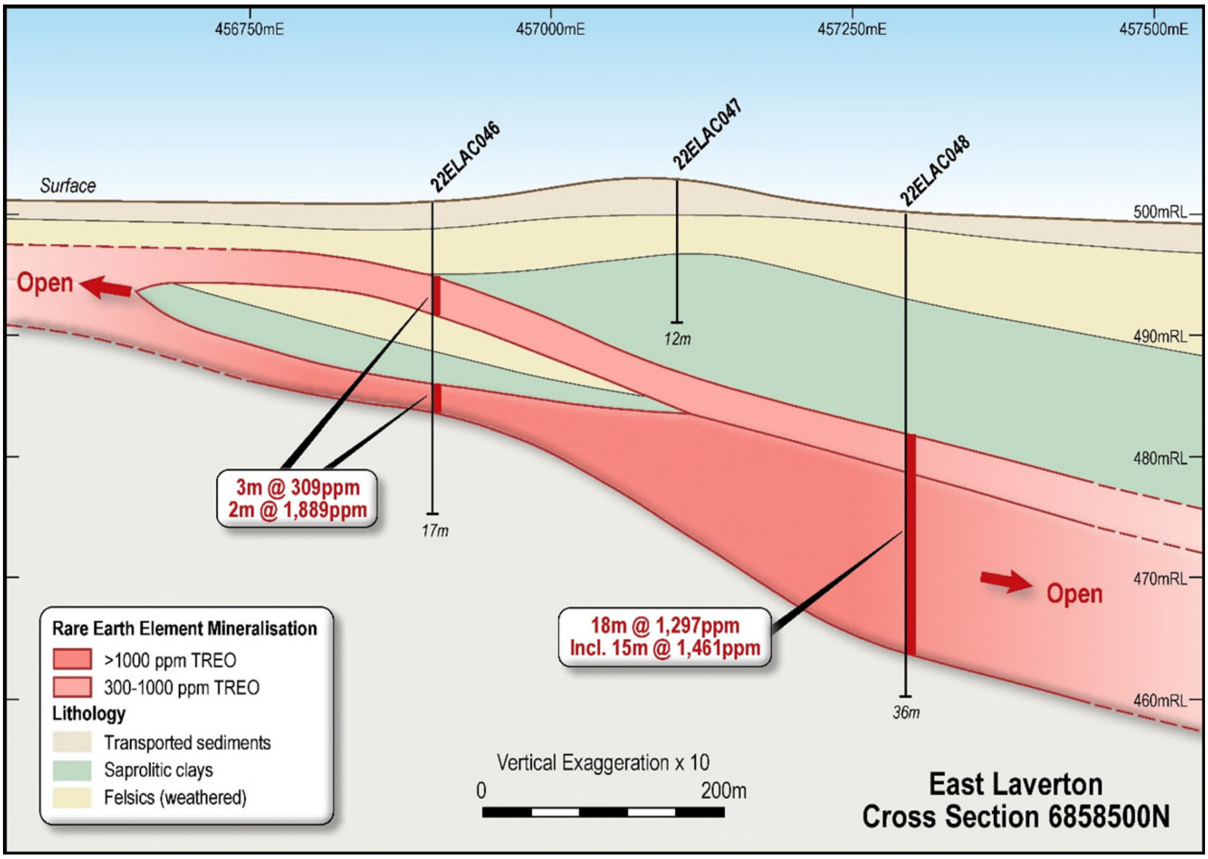

Figure 3: Cross section diagram on 6858500mN showing aircore drilling, interpreted geology and REE mineralisation.

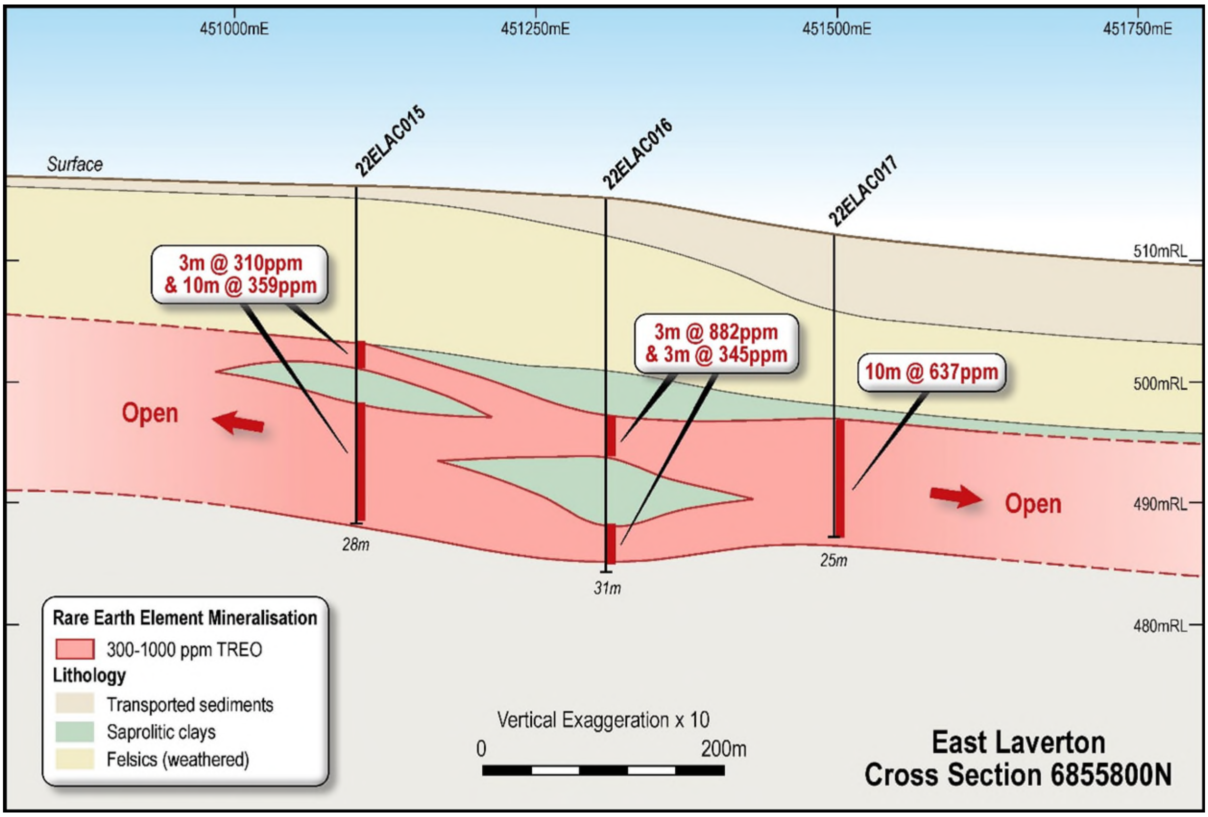

Figure 4: Cross section diagram on 6855800mN showing aircore drilling, interpreted geology and REE mineralisation.

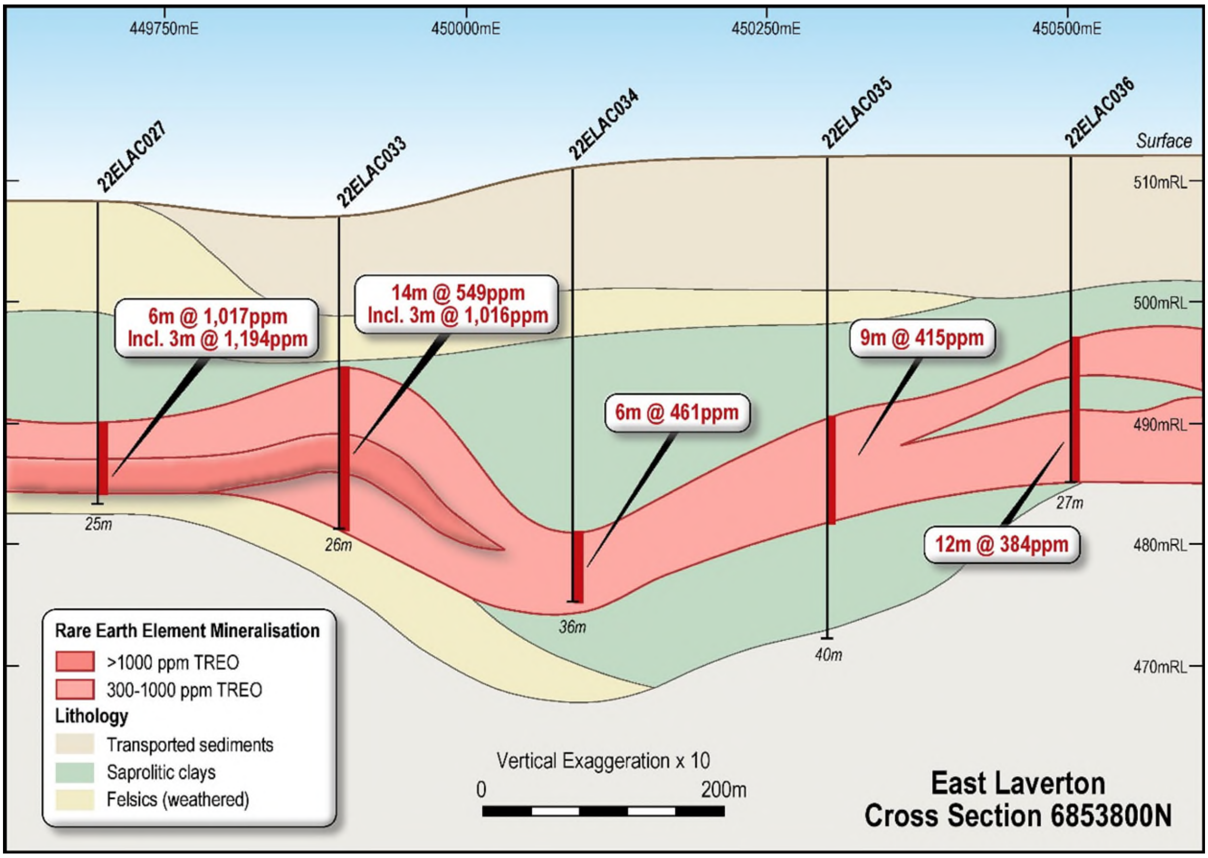

Figure 5: Cross section diagram on 6853800mN showing aircore drilling, interpreted geology and REE mineralisation.

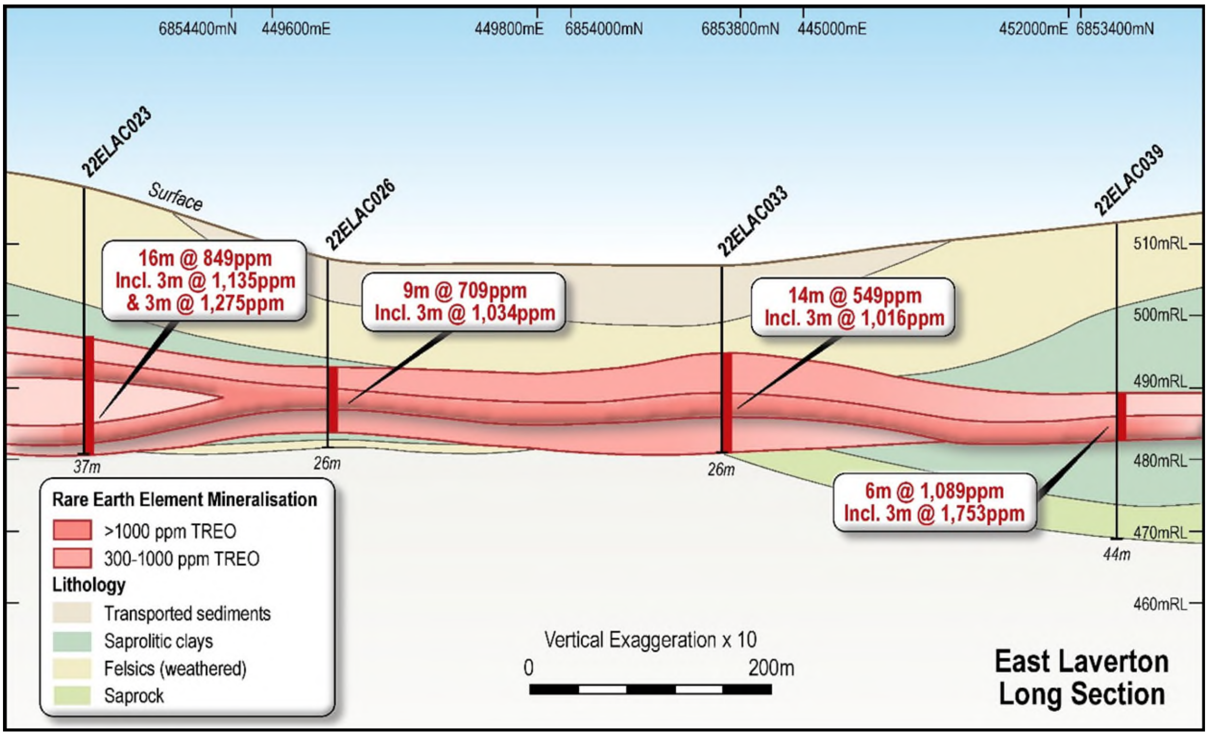

Figure 6: Long section diagram on approximately 449800mE showing aircore drilling, interpreted geology and REE mineralisation.

Further Work

The Pt Kidman area represents a potentially large-scale, rare earth element project at East Laverton. The current drilling program has only tested a small part of the prospective terrane but has shown significant continuity and grade within the mineralised zone within the regolith.

Primary 1m interval samples collected during the drilling program are currently being submitted for re-assay in order to confirm and refine the higher-grade intersections.

Additional drilling in the Pt Kidman area is currently being permitted and the Company is in the process of obtaining heritage clearance from the traditional owners.

This announcement is authorised for release on behalf the Board by Mr Lachlan Reynolds, Managing Director.

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About Mt Monger Resources Limited

Mt Monger Resources Limited is an exploration company searching for gold, lithium, nickel, rare earth elements (REE) and base metals in the Goldfields and Ravensthorpe districts of Western Australia. The Company holds over 4,500km^2 of tenements in three prolific and highly prospective mineral regions. The Mt Monger Gold Project comprises a contiguous area containing known gold deposits 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 East Laverton Gold Project is a regionally extensive package of underexplored tenements prospective for gold, base metals and REE. 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 lithium, REE, nickel and graphite. 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 Mt Monger Resources Limited Prospectus and the following ASX announcements, which are all available from the Mt Monger Resources website www.mtmongerresources.com.au and the ASX website www.asx.com.au.

- 4 March 2022 "Positive Geochemical Results from East Laverton REE Target"
- 20 May 2022 "Drilling Program Updates for East Laverton and Albion Projects"

The Company confirms that it is not aware of any new information or data that materially affects the information included in the Prospectus or the original ASX announcements and that all material assumptions and technical parameters underpinning the Prospectus and 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. Mt Monger Resources 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. Mt Monger Resources 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 Mt Monger Resources 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. Mt Monger Resources, 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 – East Laverton Aircore Drilling Summary

Hole ID	Type	North MGA	East MGA	RL (m)	Depth (m)	Dip (º)	Azimuth (º)
22ELAC001	AC	6860879	456865	518	39	-90	0
22ELAC002	AC	6860864	456671	511	41	-90	0
22ELAC003	AC	6860832	456492	513	32	-90	0
22ELAC004	AC	6860007	456578	510	16	-90	0
22ELAC005	AC	6857802	449504	544	2	-90	0
22ELAC006	AC	6857804	449692	547	2	-90	0
22ELAC007	AC	6857804	449902	545	15	-90	0
22ELAC008	AC	6857805	450098	545	17	-90	0
22ELAC009	AC	6857802	450303	543	2	-90	0
22ELAC010	AC	6857799	450499	539	2	-90	0
22ELAC011	AC	6856995	450496	526	13	-90	0
22ELAC012	AC	6856999	450699	531	23	-90	0
22ELAC013	AC	6856990	450903	528	24	-90	0
22ELAC014	AC	6856997	451102	522	7	-90	0
22ELAC015	AC	6855801	451102	516	28	-90	0
22ELAC016	AC	6855800	451309	515	31	-90	0
22ELAC017	AC	6855797	451498	512	25	-90	0
22ELAC018	AC	6854998	451394	512	59	-90	0
22ELAC019	AC	6854994	451597	511	28	-90	0
22ELAC020	AC	6855006	451795	511	47	-90	0
22ELAC021	AC	6854980	449692	518	8	-90	0
22ELAC022	AC	6854998	449494	518	8	-90	0
22ELAC023	AC	6854601	449501	518	37	-90	0
22ELAC024	AC	6854596	449695	518	21	-90	0
22ELAC025	AC	6854595	449901	516	11	-90	0
22ELAC026	AC	6854198	449503	508	26	-90	0
22ELAC027	AC	6853803	449696	508	25	-90	0
22ELAC028	AC	6853399	449719	507	16	-90	0
22ELAC029	AC	6854200	449704	514	29	-90	0
22ELAC030	AC	6854201	449904	515	23	-90	0
22ELAC031	AC	6854195	450100	511	21	-90	0
22ELAC032	AC	6854197	450299	511	12	-90	0
22ELAC033	AC	6853798	449897	507	26	-90	0
22ELAC034	AC	6853795	450091	511	36	-90	0
22ELAC035	AC	6853802	450302	512	40	-90	0
22ELAC036	AC	6853801	450503	512	27	-90	0
22ELAC037	AC	6853400	449904	511	17	-90	0
22ELAC038	AC	6853396	450102	513	11	-90	0
22ELAC039	AC	6853401	450304	513	44	-90	0
22ELAC040	AC	6853402	450503	513	51	-90	0
22ELAC041	AC	6860066	456826	508	15	-90	0
22ELAC042	AC	6860110	457015	507	36	-90	0
22ELAC043	AC	6859247	456760	505	29	-90	0
22ELAC044	AC	6859278	456956	502	5	-90	0
22ELAC045	AC	6859322	457158	501	9	-90	0
22ELAC046	AC	6858468	456902	501	17	-90	0
22ELAC047	AC	6858512	457104	503	12	-90	0
22ELAC048	AC	6858528	457293	500	36	-90	0

APPENDIX II – Significant Intersection Summary

Hole ID	From (m)	To (m)	Interval (m)	Grade TREO (ppm)
22ELAC001	18	24	6	421
22ELAC002	36	41	5	517
22ELAC003	24	32	8	1,278
including	**27**	**32**	**5**	**1,790**
22ELAC006	0	2	2	482
22ELAC011	9	12	3	378
22ELAC013	18	24	6	345
22ELAC015	12	15	3	310
	18	28	10	359
22ELAC016	18	21	3	882
	27	30	3	345
22ELAC017	15	25	10	637
22ELAC018	15	21	6	380
22ELAC019	21	24	3	790
22ELAC020	18	24	6	392
22ELAC021	0	3	3	301
22ELAC023	21	37	16	849
including	**24**	**27**	**3**	**1,135**
and	**33**	**36**	**3**	**1,275**
22ELAC026	15	24	9	709
including	**18**	**21**	**3**	**1,034**
22ELAC027	**18**	**24**	**6**	**1,017**
including	**21**	**24**	**3**	**1,194**
22ELAC029	18	24	6	686
22ELAC031	15	18	3	519
22ELAC033	12	26	14	549
including	**18**	**21**	**3**	**1,016**
22ELAC034	30	36	6	461
22ELAC035	21	30	9	415
22ELAC036	15	27	12	384
22ELAC039	**24**	**30**	**6**	**1,089**
including	**27**	**30**	**3**	**1,753**
22ELAC040	24	30	6	865
including	**24**	**27**	**3**	**1,371**
22ELAC042	27	33	6	419
22ELAC043	3	21	18	852
Including	**12**	**18**	**6**	**1,493**
	27	29	2	698
22ELAC045	3	9	6	444
22ELAC046	6	9	3	390
	15	**17**	**2**	**1,889**
22ELAC048	**18**	**36**	**18**	**1,297**
including	**21**	**36**	**15**	**1,461**

TREO 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_6O_{11}, Sm_2O_3, Tb_4O_7, Tm_2O_3, Yb_2O_3, Sc_2O_3 and Y_2O_3 and is calculated using standard oxide conversion factors for each element.

Significant intersections are based on a 300ppm TREO cut-off grade and include a maximum of 3m internal subgrade mineralisation (i.e. one 3m composite sample with grade less than 300ppm TREO).

Reported higher-grade intersections (in bold) are based on a 1,000ppm TREO cut-off grade and do not contain any internal subgrade mineralisation.

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

Down hole interval widths are reported. True widths are not known.

APPENDIX III – REO Results

Hole ID	From (m)	To (m)	Interval (m)	La_2O_3 ppm	CeO_2 ppm	Pr_6O_{11} ppm	Nd_2O_3 ppm	Sm_2O_3 ppm	Eu_2O_3 ppm	Gd_2O_3 ppm	Tb_4O_7 ppm	Dy_2O_3 ppm	Ho_2O_3 ppm	Er_2O_3 ppm	Tm_2O_3 ppm	Yb_2O_3 ppm	Lu_2O_3 ppm	Sc_2O_3 ppm	Y_2O_3 ppm	TREO ppm
22ELAC001	0	3	3	7.5	23.5	1.5	4.7	1.0	0.2	0.8	0.2	0.9	0.2	0.6	0.1	0.7	0.1	11.4	5.4	59
22ELAC001	3	6	3	14.3	34.6	3.3	11.4	2.3	0.5	1.8	0.3	1.9	0.4	1.3	0.2	1.2	0.2	18.5	10.5	103
22ELAC001	6	9	3	7.5	14.1	1.7	5.8	1.2	0.3	1.0	0.2	1.1	0.2	0.7	0.1	0.8	0.1	15.6	6.1	57
22ELAC001	9	12	3	5.1	13.6	1.4	5.4	1.2	0.3	1.1	0.2	1.2	0.3	0.8	0.1	0.9	0.1	15.8	7.8	56
22ELAC001	12	15	3	4.8	8.7	1.1	3.5	0.9	0.2	0.8	0.1	0.8	0.2	0.5	0.1	0.6	0.1	10.5	4.9	38
22ELAC001	15	18	3	3.8	5.8	0.7	2.3	0.5	0.2	0.5	0.1	0.5	0.1	0.3	0.0	0.4	0.1	9.5	3.2	28
22ELAC001	18	21	3	61.3	112.0	12.6	35.6	4.9	0.9	2.5	0.3	1.6	0.3	0.7	0.1	0.6	0.1	8.7	7.4	250
22ELAC001	21	24	3	105.0	182.4	21.0	59.3	7.7	1.4	4.1	0.5	2.4	0.4	0.9	0.1	0.8	0.1	8.7	10.6	406
22ELAC001	24	27	3	102.5	206.4	21.0	60.5	8.4	1.7	4.4	0.6	2.9	0.5	1.3	0.2	1.2	0.2	8.9	14.1	435
22ELAC001	27	30	3	66.5	103.3	12.7	37.7	5.5	1.3	3.3	0.5	2.3	0.4	1.2	0.2	1.0	0.1	7.9	12.2	256
22ELAC001	30	33	3	29.0	51.1	5.4	16.9	2.7	0.8	1.8	0.3	1.5	0.3	0.8	0.1	0.8	0.1	5.9	8.9	127
22ELAC001	33	36	3	55.0	108.3	10.8	33.6	5.3	1.2	3.3	0.4	2.3	0.4	1.1	0.1	1.0	0.1	8.0	12.6	244
22ELAC001	36	39	3	39.6	85.9	8.6	27.3	4.6	0.9	3.0	0.4	2.0	0.4	1.1	0.1	1.0	0.2	6.1	11.6	193
22ELAC002	0	3	3	16.5	35.1	3.7	12.6	2.4	0.5	1.9	0.4	1.8	0.4	1.1	0.2	1.2	0.2	14.2	11.1	104
22ELAC002	3	6	3	14.6	42.0	3.3	11.3	2.4	0.5	1.9	0.3	2.0	0.4	1.4	0.2	1.3	0.2	19.4	10.5	112
22ELAC002	6	9	3	9.1	15.8	1.9	6.4	1.3	0.3	1.1	0.2	1.1	0.2	0.7	0.1	0.8	0.1	16.8	6.3	63
22ELAC002	9	12	3	5.6	20.8	1.4	5.0	1.0	0.2	0.9	0.2	0.9	0.2	0.6	0.1	0.7	0.1	16.1	6.0	60
22ELAC002	12	15	3	4.6	8.4	1.1	3.8	0.8	0.2	0.8	0.1	0.8	0.2	0.6	0.1	0.6	0.1	13.1	4.6	40
22ELAC002	15	18	3	4.1	7.6	0.8	2.9	0.6	0.2	0.7	0.1	0.7	0.2	0.5	0.1	0.6	0.1	5.1	4.5	29
22ELAC002	18	21	3	3.2	5.3	0.4	1.6	0.6	0.1	0.6	0.1	0.7	0.1	0.5	0.1	0.6	0.1	7.4	4.0	26
22ELAC002	21	24	3	3.5	7.5	0.8	2.7	0.6	0.1	0.5	0.1	0.6	0.1	0.4	0.1	0.5	0.1	8.7	3.6	30
22ELAC002	24	27	3	2.0	5.2	0.5	1.9	0.5	0.2	0.5	0.1	0.7	0.1	0.5	0.1	0.7	0.1	22.9	4.5	41
22ELAC002	27	30	3	18.4	49.5	4.0	13.6	2.4	0.6	2.0	0.3	1.7	0.4	1.1	0.2	1.2	0.2	16.4	10.2	122
22ELAC002	30	33	3	25.4	56.9	5.7	18.7	3.2	0.8	2.2	0.3	1.8	0.4	1.1	0.2	1.2	0.2	11.8	10.9	141
22ELAC002	33	36	3	36.2	76.0	9.4	32.2	5.7	1.3	4.3	0.6	2.8	0.5	1.4	0.2	1.1	0.2	54.8	13.4	241
22ELAC002	36	39	3	117.9	218.0	25.4	87.2	15.0	3.3	12.6	1.7	9.0	1.7	4.8	0.6	3.9	0.5	16.0	59.2	579
22ELAC002	39	41	2	91.9	164.6	18.5	59.8	9.8	1.8	7.2	1.0	5.8	1.2	3.7	0.5	3.5	0.5	12.1	42.3	426
22ELAC003	0	3	3	12.7	47.3	2.6	8.8	1.7	0.3	1.5	0.2	1.4	0.3	0.9	0.1	1.0	0.2	15.5	7.6	103
22ELAC003	3	6	3	15.0	26.4	3.1	10.2	2.1	0.4	1.5	0.3	1.6	0.3	1.0	0.1	1.0	0.2	18.6	8.6	91
22ELAC003	6	9	3	11.6	34.1	2.9	9.9	2.0	0.4	1.6	0.3	1.7	0.3	1.0	0.1	1.1	0.1	20.0	8.8	97
22ELAC003	9	12	3	4.2	22.5	1.1	3.7	1.0	0.2	1.1	0.2	0.9	0.2	0.6	0.1	0.7	0.1	16.3	5.5	59
22ELAC003	12	15	3	1.4	4.4	0.4	1.3	0.4	0.1	0.5	0.1	0.7	0.1	0.5	0.1	0.7	0.1	10.8	4.4	26
22ELAC003	15	18	3	1.5	5.1	0.4	1.8	0.7	0.2	0.8	0.2	1.1	0.2	0.7	0.1	0.9	0.1	7.3	7.7	29
22ELAC003	18	21	3	8.3	20.0	2.4	7.9	1.7	0.3	1.5	0.3	1.5	0.3	0.9	0.1	1.0	0.2	7.1	8.2	62
22ELAC003	21	24	3	22.7	61.1	6.3	19.4	3.3	0.6	2.1	0.3	1.7	0.3	1.0	0.1	1.0	0.2	8.6	8.8	138
22ELAC003	24	27	3	110.2	157.8	23.5	78.3	11.4	2.3	6.9	0.8	3.9	0.6	1.5	0.2	1.3	0.2	8.0	15.4	423
22ELAC003	27	30	3	645.0	665.8	112.2	388.4	52.8	11.8	43.3	5.2	24.7	4.5	11.2	1.3	6.5	1.1	10.2	174.6	2163
22ELAC003	30	32	2	433.9	254.3	71.3	247.3	33.6	7.4	29.4	3.5	16.9	3.1	7.7	0.9	5.0	0.8	7.6	105.4	1231
22ELAC004	0	3	3	26.6	59.9	5.7	20.1	3.7	0.8	3.3	0.5	2.9	0.6	1.7	0.2	1.5	0.2	16.6	16.6	162
22ELAC004	3	6	3	24.9	37.0	5.2	18.3	3.1	0.7	2.6	0.4	2.2	0.5	1.3	0.2	1.3	0.2	18.6	12.8	130
22ELAC004	6	9	3	29.1	41.9	5.9	20.5	3.5	0.8	2.8	0.4	2.4	0.4	1.3	0.2	1.2	0.2	17.5	13.4	142
22ELAC004	9	12	3	4.5	8.1	1.0	3.7	0.8	0.2	0.7	0.1	0.8	0.2	0.6	0.1	0.6	0.1	13.0	4.9	40

Hole ID	From (m)	To (m)	Interval (m)	La_2O_3 ppm	CeO_2 ppm	Pr_6O_{11} ppm	Nd_2O_3 ppm	Sm_2O_3 ppm	Eu_2O_3 ppm	Gd_2O_3 ppm	Tb_4O_7 ppm	Dy_2O_3 ppm	Ho_2O_3 ppm	Er_2O_3 ppm	Tm_2O_3 ppm	Yb_2O_3 ppm	Lu_2O_3 ppm	Sc_2O_3 ppm	Y_2O_3 ppm	TREO ppm
22ELAC004	12	15	3	3.9	10.2	0.9	3.1	0.7	0.2	0.7	0.1	0.9	0.2	0.6	0.1	0.6	0.1	14.8	4.6	42
22ELAC004	15	16	1	3.1	7.1	0.7	2.7	0.7	0.2	0.7	0.1	0.9	0.2	0.7	0.1	0.8	0.1	13.8	4.9	37
22ELAC005	0	2	2	7.8	103.6	1.9	6.7	1.4	0.3	1.3	0.2	1.4	0.3	1.0	0.2	1.1	0.2	10.2	8.1	146
22ELAC006	0	2	2	48.6	240.2	13.8	52.1	10.2	2.3	8.6	1.4	8.2	1.7	4.9	0.7	4.5	0.7	33.0	50.0	482
22ELAC007	0	3	3	12.7	22.2	2.9	11.0	2.2	0.5	2.0	0.3	1.8	0.4	1.1	0.2	1.1	0.2	9.3	11.7	80
22ELAC007	3	6	3	9.2	9.8	1.6	5.6	1.2	0.3	1.1	0.2	1.1	0.2	0.7	0.1	0.7	0.1	6.2	6.6	45
22ELAC007	6	9	3	5.6	7.1	0.8	2.7	0.7	0.2	0.6	0.1	0.6	0.1	0.4	0.1	0.5	0.1	4.2	4.4	28
22ELAC007	9	12	3	5.8	7.7	1.0	3.5	0.8	0.3	0.7	0.1	0.8	0.2	0.5	0.1	0.6	0.1	3.1	5.4	31
22ELAC007	12	15	3	5.6	6.3	0.7	2.5	0.6	0.2	0.6	0.1	0.6	0.1	0.4	0.1	0.5	0.1	2.4	4.3	25
22ELAC008	0	3	3	22.3	43.1	4.6	16.4	3.0	0.7	2.6	0.4	2.3	0.5	1.4	0.2	1.3	0.2	13.7	15.4	128
22ELAC008	3	6	3	15.7	19.6	3.0	11.0	2.5	0.6	2.4	0.4	2.0	0.4	1.3	0.2	1.2	0.2	5.9	13.5	80
22ELAC008	6	9	3	2.3	6.5	0.7	3.0	1.1	0.3	1.0	0.2	0.9	0.2	0.5	0.1	0.6	0.1	2.9	5.8	26
22ELAC008	9	12	3	9.2	9.7	1.2	4.4	1.3	0.3	1.1	0.2	0.7	0.1	0.4	0.1	0.4	0.1	2.9	4.4	36
22ELAC008	12	15	3	16.0	22.6	2.1	6.8	1.7	0.4	1.3	0.2	0.9	0.2	0.4	0.1	0.5	0.1	3.3	4.8	61
22ELAC008	15	17	2	51.0	66.7	5.7	16.6	2.5	0.6	1.5	0.2	1.0	0.2	0.5	0.1	0.5	0.1	2.5	5.6	155
22ELAC009	0	2	2	11.0	22.6	2.5	9.4	2.1	0.5	1.9	0.4	2.2	0.5	1.5	0.2	1.7	0.2	15.3	13.1	86
22ELAC010	0	2	2	14.3	25.8	3.3	11.7	2.2	0.5	2.1	0.3	2.0	0.4	1.3	0.2	1.2	0.2	10.2	13.7	90
22ELAC011	0	3	3	55.4	90.8	8.3	25.7	3.4	0.7	2.1	0.3	1.2	0.2	0.6	0.1	0.6	0.1	4.8	7.2	202
22ELAC011	3	6	3	51.0	97.3	8.8	26.9	3.5	0.8	2.0	0.3	1.2	0.2	0.6	0.1	0.5	0.1	4.0	7.4	205
22ELAC011	6	9	3	70.1	140.7	13.2	41.6	5.7	1.2	3.3	0.4	2.0	0.3	0.9	0.1	0.8	0.1	6.3	9.9	297
22ELAC011	9	12	3	84.2	157.2	18.0	61.9	9.2	2.1	6.2	0.8	4.2	0.8	2.2	0.3	1.8	0.3	5.0	23.4	378
22ELAC011	12	13	1	30.6	63.1	6.4	21.6	3.2	0.7	2.1	0.3	1.4	0.3	0.8	0.1	0.7	0.1	2.3	8.2	142
22ELAC012	0	3	3	5.9	11.6	1.3	4.8	1.1	0.3	1.1	0.2	1.1	0.2	0.7	0.1	0.6	0.1	6.4	6.5	42
22ELAC012	3	6	3	3.6	6.9	0.7	3.0	1.0	0.3	1.0	0.2	0.9	0.2	0.5	0.1	0.5	0.1	4.3	5.0	28
22ELAC012	6	9	3	9.0	13.8	0.9	3.3	1.0	0.3	0.8	0.1	0.7	0.1	0.4	0.1	0.4	0.1	4.3	4.4	40
22ELAC012	9	12	3	34.6	52.1	4.6	13.9	2.3	0.5	1.4	0.2	0.9	0.2	0.5	0.1	0.5	0.1	3.4	6.1	121
22ELAC012	12	15	3	28.9	55.8	5.3	16.4	2.3	0.5	1.2	0.2	0.7	0.1	0.4	0.1	0.4	0.1	2.2	4.5	119
22ELAC012	15	18	3	27.8	61.8	5.4	17.1	2.5	0.5	1.3	0.2	0.9	0.2	0.5	0.1	0.5	0.1	2.1	5.6	127
22ELAC012	18	21	3	38.1	142.5	7.1	23.2	3.8	0.9	2.3	0.4	2.0	0.4	1.1	0.2	1.1	0.2	2.0	10.9	236
22ELAC012	21	23	2	36.6	64.7	6.8	21.1	2.8	0.6	1.6	0.2	1.0	0.2	0.5	0.1	0.5	0.1	1.9	6.2	145
22ELAC013	0	3	3	16.1	29.2	3.1	11.0	2.2	0.5	1.8	0.3	1.8	0.4	1.1	0.2	1.2	0.2	14.6	12.1	96
22ELAC013	3	6	3	11.8	35.3	2.3	8.2	1.9	0.5	1.6	0.3	1.5	0.3	0.9	0.1	0.9	0.1	5.1	9.4	80
22ELAC013	6	9	3	15.0	20.1	2.3	7.5	1.6	0.4	1.3	0.2	1.2	0.2	0.7	0.1	0.7	0.1	3.7	8.6	64
22ELAC013	9	12	3	25.0	35.9	3.4	9.8	1.7	0.4	1.3	0.2	1.2	0.2	0.7	0.1	0.7	0.1	3.4	6.7	91
22ELAC013	12	15	3	26.0	38.6	4.4	13.3	2.1	0.5	1.3	0.2	1.0	0.2	0.5	0.1	0.6	0.1	2.8	5.4	97
22ELAC013	15	18	3	33.1	59.0	5.5	17.2	2.7	0.6	1.7	0.2	1.2	0.2	0.7	0.1	0.7	0.1	2.8	6.7	133
22ELAC013	18	21	3	85.1	168.3	16.8	53.4	8.6	1.8	5.2	0.7	3.2	0.5	1.4	0.2	1.2	0.2	3.5	14.2	365
22ELAC013	21	24	3	84.8	151.1	14.6	45.0	6.2	1.3	3.6	0.4	2.1	0.4	1.0	0.1	0.9	0.1	2.9	11.2	326
22ELAC014	0	3	3	8.2	19.4	1.8	6.6	1.4	0.3	1.3	0.2	1.4	0.3	1.0	0.2	1.1	0.2	15.5	9.3	68
22ELAC014	3	6	3	4.0	22.8	1.0	3.9	1.0	0.3	0.9	0.2	1.2	0.2	0.8	0.1	0.8	0.1	11.0	6.3	55
22ELAC014	6	7	1	13.4	30.0	2.4	8.0	1.5	0.4	1.2	0.2	1.2	0.2	0.8	0.1	0.8	0.1	7.2	7.5	75
22ELAC015	0	3	3	8.9	18.4	2.0	7.3	1.4	0.3	1.3	0.2	1.2	0.3	0.8	0.1	0.8	0.1	22.3	8.7	74
22ELAC015	3	6	3	1.4	3.4	0.3	1.2	0.3	0.1	0.4	0.1	0.6	0.1	0.5	0.1	0.6	0.1	10.4	3.8	23
22ELAC015	6	9	3	0.3	1.5	0.1	0.5	0.2	0.1	0.3	0.1	0.6	0.1	0.4	0.1	0.6	0.1	11.3	3.3	20

Hole ID	From (m)	To (m)	Interval (m)	La_2O_3 ppm	CeO_2 ppm	Pr_6O_{11} ppm	Nd_2O_3 ppm	Sm_2O_3 ppm	Eu_2O_3 ppm	Gd_2O_3 ppm	Tb_4O_7 ppm	Dy_2O_3 ppm	Ho_2O_3 ppm	Er_2O_3 ppm	Tm_2O_3 ppm	Yb_2O_3 ppm	Lu_2O_3 ppm	Sc_2O_3 ppm	Y_2O_3 ppm	TREO ppm
22ELAC015	9	12	3	0.7	2.9	0.2	1.0	0.4	0.1	0.5	0.1	0.9	0.2	0.7	0.1	0.9	0.1	11.6	5.4	26
22ELAC015	12	15	3	58.4	119.0	11.2	37.8	8.1	1.7	7.0	1.1	5.9	1.1	3.3	0.5	3.1	0.5	14.1	36.4	310
22ELAC015	15	18	3	4.5	8.8	0.8	2.9	0.7	0.2	0.9	0.2	1.2	0.3	0.9	0.1	0.9	0.1	22.5	8.4	54
22ELAC015	18	21	3	85.4	136.4	12.4	36.6	5.1	1.2	3.8	0.6	2.9	0.5	1.6	0.2	1.4	0.2	10.3	18.7	318
22ELAC015	21	24	3	106.0	160.3	15.3	47.0	6.7	1.4	4.7	0.7	3.3	0.6	1.7	0.2	1.5	0.2	13.6	19.6	383
22ELAC015	24	27	3	92.4	141.9	13.5	44.2	6.6	1.5	5.4	0.7	3.7	0.7	1.8	0.3	1.4	0.2	17.8	20.3	353
22ELAC015	27	28	1	121.4	149.9	20.7	65.9	9.4	2.0	6.9	0.9	4.3	0.7	1.9	0.3	1.5	0.2	17.6	22.4	426
22ELAC016	0	3	3	16.5	39.8	4.2	15.0	3.1	0.7	2.7	0.4	2.4	0.5	1.4	0.2	1.5	0.2	28.1	13.5	131
22ELAC016	3	6	3	8.6	14.9	1.9	6.9	1.5	0.4	1.4	0.2	1.4	0.3	1.0	0.1	1.1	0.2	16.9	8.2	65
22ELAC016	6	9	3	1.9	5.1	0.4	1.8	0.6	0.2	0.7	0.2	1.0	0.2	0.8	0.1	1.0	0.2	14.4	6.7	36
22ELAC016	9	12	3	6.1	12.5	1.0	3.5	0.7	0.2	0.8	0.1	0.9	0.2	0.6	0.1	0.8	0.1	24.7	5.1	58
22ELAC016	12	15	3	4.2	8.3	0.7	2.4	0.6	0.2	0.8	0.1	0.8	0.2	0.7	0.1	0.7	0.1	19.3	5.3	45
22ELAC016	15	18	3	36.8	54.2	7.0	22.3	3.7	0.9	2.5	0.4	1.8	0.3	0.9	0.1	0.9	0.1	23.8	8.9	165
22ELAC016	18	21	3	225.2	382.0	40.2	123.6	18.3	4.2	12.8	1.8	8.2	1.3	2.8	0.3	1.8	0.2	23.9	34.4	882
22ELAC016	21	24	3	49.7	87.7	8.6	30.8	5.6	1.4	4.7	0.7	3.5	0.7	1.6	0.2	1.4	0.2	19.6	17.5	235
22ELAC016	24	27	3	43.0	95.6	9.1	31.4	5.9	1.5	4.8	0.7	3.7	0.7	1.8	0.3	1.6	0.2	16.4	19.7	237
22ELAC016	27	30	3	78.8	102.2	14.4	49.0	8.8	2.3	8.9	1.3	7.3	1.4	3.8	0.5	3.3	0.5	19.2	41.4	345
22ELAC016	30	31	1	43.6	74.1	7.4	26.4	4.7	1.3	5.1	0.8	5.1	1.2	3.6	0.5	3.1	0.5	14.9	50.9	244
22ELAC017	0	3	3	18.4	31.1	3.3	11.5	2.1	0.5	1.8	0.3	1.6	0.3	1.0	0.2	1.1	0.2	21.9	10.4	106
22ELAC017	3	6	3	8.9	49.9	2.7	9.9	2.1	0.5	1.7	0.3	1.6	0.3	0.9	0.1	1.0	0.2	30.4	8.0	119
22ELAC017	6	9	3	2.0	5.0	0.5	1.9	0.5	0.1	0.5	0.1	0.6	0.1	0.4	0.1	0.5	0.1	15.6	3.8	32
22ELAC017	9	12	3	12.2	26.3	2.4	8.5	1.6	0.4	1.7	0.3	1.7	0.4	1.0	0.2	1.0	0.2	15.9	10.6	85
22ELAC017	12	15	3	13.1	18.8	1.9	6.8	1.4	0.4	1.7	0.3	2.0	0.5	1.4	0.2	1.6	0.2	23.8	14.7	89
22ELAC017	15	18	3	111.9	205.1	26.0	85.8	13.9	3.1	9.7	1.3	6.6	1.2	3.1	0.4	2.7	0.4	20.6	33.9	527
22ELAC017	18	21	3	198.2	411.5	39.1	137.6	23.0	5.5	17.8	2.4	11.6	2.1	5.0	0.7	3.9	0.6	19.6	53.7	934
22ELAC017	21	24	3	106.8	178.7	21.1	74.1	12.5	3.1	10.9	1.6	8.8	1.8	5.1	0.7	4.6	0.7	16.4	61.7	511
22ELAC017	24	25	1	102.6	122.3	18.1	62.4	11.0	2.8	10.5	1.6	9.5	2.1	6.4	0.9	5.8	1.0	13.6	78.0	451
22ELAC018	0	3	3	32.4	60.8	6.9	24.8	4.5	1.0	3.8	0.6	3.2	0.7	1.9	0.3	1.8	0.3	32.8	20.8	197
22ELAC018	3	6	3	19.6	43.7	4.4	15.7	3.1	0.7	2.6	0.4	2.4	0.5	1.4	0.2	1.4	0.2	35.7	13.5	146
22ELAC018	6	9	3	9.3	18.0	2.0	7.2	1.4	0.3	1.3	0.2	1.2	0.2	0.8	0.1	0.8	0.1	26.5	7.5	77
22ELAC018	9	12	3	2.7	7.6	0.7	3.0	0.8	0.2	0.8	0.1	0.9	0.2	0.6	0.1	0.7	0.1	15.2	5.6	40
22ELAC018	12	15	3	33.9	71.2	6.7	23.3	4.2	1.0	3.7	0.5	2.7	0.5	1.4	0.2	1.4	0.2	17.2	14.7	183
22ELAC018	15	18	3	88.2	174.4	19.9	67.9	11.2	2.7	8.7	1.2	6.1	1.1	2.9	0.4	2.4	0.3	17.3	31.5	437
22ELAC018	18	21	3	67.4	107.5	13.5	47.0	8.5	2.2	7.5	1.1	6.1	1.2	3.2	0.5	2.8	0.4	18.2	35.0	323
22ELAC018	21	24	3	30.4	54.5	6.1	21.7	4.2	1.0	3.7	0.6	3.2	0.7	1.9	0.3	1.7	0.3	16.0	22.7	170
22ELAC018	24	27	3	28.4	54.8	5.8	20.4	3.9	1.0	3.3	0.5	2.6	0.5	1.5	0.2	1.3	0.2	15.5	17.2	157
22ELAC018	27	30	3	24.3	47.5	5.0	17.5	3.3	0.8	2.8	0.4	2.3	0.5	1.4	0.2	1.3	0.2	15.8	15.0	139
22ELAC018	30	33	3	22.6	49.4	5.0	17.4	3.2	0.8	2.7	0.4	2.2	0.4	1.2	0.2	1.2	0.2	15.0	13.5	136
22ELAC018	33	36	3	23.0	47.5	5.0	18.3	3.5	0.9	3.0	0.4	2.4	0.5	1.3	0.2	1.2	0.2	15.7	14.3	138
22ELAC018	36	39	3	23.0	45.5	4.7	16.6	3.2	0.8	2.8	0.4	2.3	0.5	1.3	0.2	1.2	0.2	14.6	13.5	131
22ELAC018	39	42	3	23.9	47.5	4.8	17.0	3.2	0.8	2.8	0.4	2.3	0.5	1.3	0.2	1.2	0.2	15.0	14.0	136
22ELAC018	42	45	3	26.9	52.1	5.5	19.6	3.9	1.0	3.4	0.5	2.8	0.6	1.7	0.3	1.6	0.3	15.3	18.9	155
22ELAC018	45	48	3	22.8	45.5	4.8	17.1	3.3	0.8	2.8	0.4	2.3	0.5	1.3	0.2	1.2	0.2	14.5	14.5	133
22ELAC018	48	51	3	28.3	55.5	5.7	20.3	3.8	0.9	3.2	0.5	2.6	0.5	1.4	0.2	1.3	0.2	14.3	15.9	155

Hole ID	From (m)	To (m)	Interval (m)	La_2O_3 ppm	CeO_2 ppm	Pr_6O_{11} ppm	Nd_2O_3 ppm	Sm_2O_3 ppm	Eu_2O_3 ppm	Gd_2O_3 ppm	Tb_4O_7 ppm	Dy_2O_3 ppm	Ho_2O_3 ppm	Er_2O_3 ppm	Tm_2O_3 ppm	Yb_2O_3 ppm	Lu_2O_3 ppm	Sc_2O_3 ppm	Y_2O_3 ppm	TREO ppm
22ELAC018	51	54	3	28.4	57.6	5.8	20.6	3.8	1.0	3.3	0.5	2.7	0.5	1.5	0.2	1.4	0.2	15.0	16.6	160
22ELAC018	54	57	3	26.2	51.5	5.2	18.4	3.5	0.9	2.9	0.4	2.4	0.5	1.4	0.2	1.3	0.2	14.3	14.5	144
22ELAC018	57	59	2	24.4	49.4	5.2	17.7	3.4	0.8	2.7	0.4	2.4	0.4	1.3	0.2	1.1	0.2	12.8	12.8	136
22ELAC019	0	3	3	31.0	63.6	6.8	24.0	4.4	1.0	3.8	0.6	3.6	0.7	1.9	0.3	1.7	0.3	28.5	21.1	194
22ELAC019	3	6	3	22.4	51.6	5.4	19.5	3.6	0.8	3.0	0.5	2.9	0.6	1.6	0.2	1.5	0.2	30.1	14.6	159
22ELAC019	6	9	3	6.0	16.3	1.6	5.8	1.3	0.3	1.1	0.2	1.2	0.2	0.7	0.1	0.7	0.1	19.7	6.3	62
22ELAC019	9	12	3	2.5	5.8	0.6	2.5	0.6	0.2	0.6	0.1	0.7	0.1	0.4	0.1	0.5	0.1	16.4	3.3	35
22ELAC019	12	15	3	5.0	9.4	1.0	4.3	0.9	0.2	0.9	0.1	0.9	0.2	0.5	0.1	0.5	0.1	24.2	5.5	54
22ELAC019	15	18	3	2.6	20.1	0.8	3.3	0.9	0.2	0.8	0.1	1.0	0.2	0.6	0.1	0.7	0.1	15.8	5.1	53
22ELAC019	18	21	3	6.6	21.6	1.9	6.8	1.5	0.4	1.2	0.2	1.3	0.2	0.8	0.1	1.0	0.2	18.1	5.4	68
22ELAC019	21	24	3	147.2	396.8	27.8	96.2	17.0	4.2	13.1	1.9	10.4	1.7	4.6	0.6	3.7	0.6	18.3	44.1	790
22ELAC019	24	27	3	52.7	123.5	10.6	37.0	6.7	1.6	5.1	0.8	4.6	0.8	2.4	0.3	2.2	0.3	16.0	19.8	285
22ELAC019	27	28	1	38.2	74.7	8.3	29.5	5.4	1.4	4.6	0.7	4.6	0.9	2.8	0.4	2.5	0.4	16.3	24.6	216
22ELAC020	0	3	3	25.7	51.8	5.8	20.9	3.7	0.8	3.1	0.5	3.0	0.6	1.7	0.2	1.6	0.2	20.4	17.5	158
22ELAC020	3	6	3	17.4	44.5	4.3	15.3	3.0	0.6	2.4	0.4	2.5	0.5	1.4	0.2	1.3	0.2	21.4	11.5	128
22ELAC020	6	9	3	9.3	20.8	2.1	7.6	1.6	0.4	1.3	0.2	1.4	0.3	0.8	0.1	0.8	0.1	27.8	6.6	81
22ELAC020	9	12	3	2.2	4.6	0.5	2.0	0.6	0.2	0.6	0.1	0.7	0.1	0.5	0.1	0.6	0.1	16.6	3.9	34
22ELAC020	12	15	3	3.4	10.7	1.0	3.7	1.0	0.3	1.0	0.2	1.2	0.2	0.8	0.1	1.0	0.2	18.7	6.1	50
22ELAC020	15	18	3	5.2	56.9	1.6	6.1	1.6	0.4	1.5	0.3	2.0	0.4	1.3	0.2	1.5	0.2	17.5	9.1	106
22ELAC020	18	21	3	71.2	216.8	17.8	63.7	11.7	2.8	8.8	1.3	6.9	1.1	3.1	0.4	2.6	0.4	17.8	24.8	452
22ELAC020	21	24	3	71.5	112.5	14.5	50.2	9.1	2.3	7.3	1.1	6.6	1.2	3.5	0.4	3.0	0.5	15.5	32.4	333
22ELAC020	24	27	3	39.9	60.6	7.3	26.7	5.1	1.3	4.8	0.7	4.8	1.0	2.8	0.4	2.4	0.4	14.3	30.9	204
22ELAC020	27	30	3	31.5	61.3	6.2	21.8	4.1	1.0	3.6	0.5	3.3	0.7	1.9	0.2	1.7	0.3	14.0	19.7	172
22ELAC020	30	33	3	25.9	50.6	5.3	18.7	3.6	0.9	3.0	0.5	2.9	0.6	1.7	0.2	1.5	0.2	13.4	17.6	147
22ELAC020	33	36	3	27.0	56.4	5.5	19.4	3.7	0.9	3.0	0.5	2.8	0.5	1.5	0.2	1.4	0.2	14.6	14.7	153
22ELAC020	36	39	3	27.3	56.0	5.7	19.8	3.8	0.9	3.1	0.5	2.8	0.5	1.6	0.2	1.4	0.2	15.1	14.9	154
22ELAC020	39	42	3	22.2	45.3	4.6	16.1	3.1	0.8	2.4	0.4	2.3	0.4	1.2	0.2	1.1	0.2	11.7	12.0	125
22ELAC020	42	45	3	23.1	46.2	4.8	17.0	3.3	0.8	2.7	0.4	2.5	0.5	1.4	0.2	1.2	0.2	12.2	13.5	130
22ELAC020	45	47	2	26.2	52.8	5.4	18.7	3.5	0.8	3.1	0.5	2.8	0.5	1.5	0.2	1.3	0.2	13.4	15.2	147
22ELAC021	0	3	3	60.5	85.9	11.9	44.0	7.8	1.7	7.4	1.1	6.7	1.3	3.7	0.5	2.9	0.4	18.6	45.5	301
22ELAC021	3	6	3	14.8	25.7	3.3	11.8	2.3	0.5	2.0	0.3	2.1	0.4	1.3	0.2	1.2	0.2	20.9	10.7	98
22ELAC021	6	8	2	14.4	18.3	3.0	10.8	2.2	0.5	2.0	0.3	2.1	0.4	1.3	0.2	1.3	0.2	16.5	12.9	87
22ELAC022	0	3	3	40.7	73.1	8.2	28.7	5.1	1.1	4.4	0.7	4.2	0.8	2.3	0.3	2.1	0.3	22.3	24.6	220
22ELAC022	3	6	3	11.1	18.2	2.5	9.2	1.8	0.4	1.6	0.2	1.6	0.3	0.9	0.1	0.9	0.1	13.8	8.7	72
22ELAC022	6	8	2	3.8	7.3	1.0	3.6	1.0	0.2	0.9	0.1	0.9	0.2	0.6	0.1	0.6	0.1	6.5	6.3	33
22ELAC023	0	3	3	32.5	63.6	6.8	23.7	4.2	0.9	3.6	0.5	3.1	0.6	1.9	0.3	1.6	0.3	24.6	20.9	190
22ELAC023	3	6	3	19.4	41.0	4.6	16.0	3.0	0.7	2.5	0.4	2.4	0.4	1.4	0.2	1.4	0.2	66.7	13.1	174
22ELAC023	6	9	3	5.0	8.9	1.2	4.2	0.9	0.2	0.8	0.1	0.9	0.2	0.7	0.1	0.7	0.1	61.4	5.0	91
22ELAC023	9	12	3	5.9	8.2	1.2	4.5	1.0	0.3	1.0	0.2	1.3	0.3	0.9	0.2	1.1	0.2	46.9	9.0	82
22ELAC023	12	15	3	8.0	7.2	2.0	7.8	1.6	0.4	1.6	0.3	1.7	0.4	1.2	0.2	1.2	0.2	51.8	11.3	97
22ELAC023	15	18	3	8.0	9.5	2.4	8.8	1.9	0.6	1.9	0.3	2.1	0.4	1.4	0.2	1.5	0.2	65.8	10.4	116
22ELAC023	18	21	3	11.8	12.1	3.1	10.5	2.3	0.7	2.3	0.4	2.8	0.6	2.0	0.3	2.3	0.3	62.4	16.1	131
22ELAC023	21	24	3	281.5	159.1	63.4	202.4	31.9	8.6	22.6	2.8	14.2	2.3	5.4	0.7	3.9	0.5	64.7	49.7	916
22ELAC023	24	27	3	236.9	471.7	57.6	177.9	27.0	6.9	17.8	2.3	11.6	1.9	4.7	0.6	3.5	0.5	68.4	43.8	1135

Hole ID	From (m)	To (m)	Interval (m)	La_2O_3 ppm	CeO_2 ppm	Pr_6O_{11} ppm	Nd_2O_3 ppm	Sm_2O_3 ppm	Eu_2O_3 ppm	Gd_2O_3 ppm	Tb_4O_7 ppm	Dy_2O_3 ppm	Ho_2O_3 ppm	Er_2O_3 ppm	Tm_2O_3 ppm	Yb_2O_3 ppm	Lu_2O_3 ppm	Sc_2O_3 ppm	Y_2O_3 ppm	TREO ppm
22ELAC023	27	30	3	124.3	245.7	23.3	74.2	11.8	3.2	9.5	1.3	7.3	1.4	4.0	0.6	3.6	0.5	22.3	44.2	578
22ELAC023	30	33	3	86.8	81.2	15.0	50.0	8.3	2.4	7.6	1.1	6.4	1.3	4.0	0.6	3.6	0.6	1.4	46.0	318
22ELAC023	33	36	3	363.6	314.5	62.7	200.6	28.4	7.6	27.1	3.4	20.7	4.7	13.7	1.7	8.7	1.4	2.3	209.5	1275
22ELAC023	36	37	1	258.0	434.9	41.9	125.4	14.1	2.9	7.4	0.7	3.0	0.6	1.4	0.2	1.1	0.2	2.2	21.7	916
22ELAC024	0	3	3	44.9	67.9	9.4	32.8	5.7	1.2	5.0	0.7	4.1	0.8	2.4	0.3	2.0	0.3	23.9	28.7	231
22ELAC024	3	6	3	17.7	43.1	4.5	16.2	3.1	0.7	2.7	0.4	2.5	0.5	1.5	0.2	1.4	0.2	32.2	13.0	140
22ELAC024	6	9	3	6.9	26.8	1.8	6.9	1.5	0.4	1.2	0.2	1.3	0.3	0.9	0.1	1.0	0.2	66.9	7.1	124
22ELAC024	9	12	3	3.1	4.1	0.6	2.0	0.4	0.1	0.5	0.1	0.5	0.1	0.4	0.1	0.4	0.1	56.9	3.6	73
22ELAC024	12	15	3	3.7	28.3	0.9	3.6	0.9	0.3	1.0	0.2	1.2	0.3	0.9	0.1	1.0	0.1	53.2	7.2	103
22ELAC024	15	18	3	5.1	26.7	1.3	4.5	1.1	0.3	1.2	0.2	1.5	0.3	1.0	0.2	1.1	0.2	70.2	7.4	123
22ELAC024	18	21	3	17.1	95.3	3.5	12.4	2.8	0.9	3.2	0.6	3.6	0.7	2.2	0.3	2.1	0.3	62.1	18.4	226
22ELAC025	0	3	3	20.8	50.9	4.5	15.2	2.8	0.6	2.4	0.4	2.2	0.4	1.4	0.2	1.3	0.2	23.5	13.3	140
22ELAC025	3	6	3	20.2	40.7	4.2	14.1	2.8	0.6	2.4	0.4	2.2	0.5	1.4	0.2	1.4	0.2	24.8	13.2	130
22ELAC025	6	9	3	12.5	20.1	2.5	8.4	1.7	0.4	1.4	0.2	1.5	0.3	1.0	0.2	1.0	0.2	24.7	8.1	84
22ELAC025	9	11	2	4.6	12.5	1.5	5.5	1.3	0.4	1.2	0.2	1.4	0.3	0.9	0.1	1.0	0.2	38.8	6.8	77
22ELAC026	0	3	3	26.5	65.7	6.3	22.3	4.4	1.0	3.5	0.5	3.3	0.7	1.9	0.3	1.9	0.3	25.4	17.3	182
22ELAC026	3	6	3	25.7	58.2	6.6	24.1	4.6	1.0	3.9	0.6	3.5	0.7	2.1	0.3	2.0	0.3	38.8	18.5	192
22ELAC026	6	9	3	15.1	51.6	3.5	12.4	2.6	0.6	2.4	0.4	2.3	0.5	1.4	0.2	1.5	0.2	25.4	14.3	135
22ELAC026	9	12	3	35.8	32.3	2.3	6.3	0.9	0.2	0.8	0.1	1.0	0.2	0.7	0.1	0.8	0.1	69.2	6.0	157
22ELAC026	12	15	3	20.3	28.0	2.4	7.7	1.4	0.4	1.2	0.2	1.4	0.3	0.9	0.1	1.0	0.1	114.3	6.6	187
22ELAC026	15	18	3	57.9	175.0	13.7	47.0	8.8	2.2	7.0	1.1	5.9	1.0	2.7	0.4	2.4	0.3	115.3	19.0	461
22ELAC026	18	21	3	156.6	493.8	37.6	127.1	22.5	5.9	18.6	2.7	14.7	2.5	6.5	0.9	5.3	0.7	76.5	59.2	1034
22ELAC026	21	24	3	127.8	139.4	19.0	74.3	14.0	4.3	18.0	2.8	17.5	3.6	10.4	1.4	8.3	1.2	66.6	120.3	633
22ELAC026	24	26	2	32.8	40.4	4.1	16.2	3.8	1.3	5.2	0.9	6.0	1.4	4.2	0.5	3.5	0.5	57.2	52.7	232
22ELAC027	0	3	3	35.1	73.1	7.8	28.5	5.4	1.2	4.1	0.6	3.6	0.7	2.1	0.3	2.0	0.3	36.8	20.8	223
22ELAC027	3	6	3	24.5	46.8	5.4	19.5	3.7	0.8	2.9	0.4	2.6	0.5	1.5	0.2	1.4	0.2	33.7	16.0	161
22ELAC027	6	9	3	4.6	29.2	1.4	5.8	1.8	0.5	1.5	0.2	1.5	0.3	0.9	0.1	0.8	0.1	4.6	9.1	63
22ELAC027	9	12	3	30.0	17.4	5.5	18.4	3.1	0.7	2.1	0.3	1.7	0.3	0.9	0.1	0.9	0.1	3.8	10.2	96
22ELAC027	12	15	3	6.7	20.2	1.1	4.8	1.9	0.5	1.8	0.3	1.7	0.3	1.0	0.1	1.1	0.2	4.1	10.5	57
22ELAC027	15	18	3	21.9	39.8	2.6	9.0	2.3	0.6	2.0	0.3	1.9	0.4	1.1	0.2	1.2	0.2	4.2	11.1	99
22ELAC027	18	21	3	225.2	409.1	38.8	105.2	12.6	2.5	6.5	0.7	3.8	0.7	2.0	0.3	1.8	0.3	4.9	24.4	839
22ELAC027	21	24	3	387.0	407.8	60.4	184.9	21.1	4.4	12.4	1.4	7.5	1.4	3.8	0.5	2.8	0.4	51.7	44.8	1194
22ELAC027	24	25	1	65.9	85.9	8.1	23.7	2.9	0.7	2.3	0.3	2.1	0.5	1.7	0.3	1.9	0.3	10.0	21.0	228
22ELAC028	0	3	3	35.2	53.2	7.1	26.1	4.7	1.0	3.9	0.6	3.3	0.7	1.9	0.3	1.8	0.3	30.6	20.6	192
22ELAC028	3	6	3	19.5	59.1	3.6	12.1	2.2	0.5	1.6	0.3	1.6	0.4	0.9	0.1	1.0	0.2	32.7	8.5	145
22ELAC028	6	9	3	5.5	10.4	1.0	3.5	0.9	0.2	0.8	0.1	0.8	0.2	0.6	0.1	0.6	0.1	16.3	5.3	47
22ELAC028	9	12	3	8.4	13.7	1.3	4.7	1.4	0.4	1.3	0.2	1.3	0.3	0.8	0.1	0.9	0.1	7.3	8.2	50
22ELAC028	12	15	3	18.3	25.6	1.8	5.6	1.3	0.3	1.1	0.2	0.9	0.2	0.5	0.1	0.6	0.1	2.4	6.2	65
22ELAC028	15	16	1	73.2	108.5	8.5	23.6	3.2	0.7	1.7	0.2	1.1	0.2	0.5	0.1	0.5	0.1	2.6	6.0	231
22ELAC029	0	3	3	33.4	59.0	6.8	24.7	4.6	1.0	3.8	0.6	3.3	0.7	1.9	0.3	1.8	0.3	24.9	21.0	189
22ELAC029	3	6	3	24.7	52.8	5.5	19.6	3.8	0.8	3.0	0.5	2.8	0.5	1.6	0.2	1.7	0.3	27.5	15.6	161
22ELAC029	6	9	3	41.5	88.7	8.9	31.7	5.9	1.3	4.8	0.7	4.2	0.8	2.5	0.3	2.3	0.3	36.4	26.5	258
22ELAC029	9	12	3	6.4	15.8	1.6	6.5	1.9	0.4	1.5	0.2	1.4	0.3	0.8	0.1	1.0	0.1	11.8	9.5	60
22ELAC029	12	15	3	19.4	35.6	3.5	11.9	2.6	0.7	2.2	0.3	2.0	0.4	1.3	0.2	1.4	0.2	10.4	14.1	106

Hole ID	From (m)	To (m)	Interval (m)	La_2O_3 ppm	CeO_2 ppm	Pr_6O_{11} ppm	Nd_2O_3 ppm	Sm_2O_3 ppm	Eu_2O_3 ppm	Gd_2O_3 ppm	Tb_4O_7 ppm	Dy_2O_3 ppm	Ho_2O_3 ppm	Er_2O_3 ppm	Tm_2O_3 ppm	Yb_2O_3 ppm	Lu_2O_3 ppm	Sc_2O_3 ppm	Y_2O_3 ppm	TREO ppm
22ELAC029	15	18	3	4.7	90.5	1.0	3.9	1.1	0.3	1.3	0.2	1.7	0.4	1.3	0.2	1.3	0.2	58.3	10.3	177
22ELAC029	18	21	3	59.5	614.2	11.1	36.5	7.6	2.0	6.6	1.3	8.0	1.6	4.5	0.6	4.0	0.6	76.4	35.7	871
22ELAC029	21	24	3	143.1	124.1	21.8	68.6	10.1	2.5	8.4	1.3	7.5	1.5	4.0	0.5	3.5	0.5	62.9	38.7	500
22ELAC029	24	27	3	72.5	52.8	10.1	34.2	6.0	1.6	5.9	0.9	5.5	1.1	3.1	0.4	3.0	0.4	65.0	29.2	293
22ELAC029	27	29	2	25.6	39.8	3.5	13.5	3.0	1.0	3.7	0.6	4.3	1.0	2.8	0.4	2.7	0.4	70.4	28.2	202
22ELAC030	0	3	3	36.8	67.1	7.3	26.4	4.8	1.0	4.1	0.6	3.5	0.7	2.0	0.3	1.9	0.3	24.9	23.7	206
22ELAC030	3	6	3	23.3	48.4	5.0	17.8	3.7	0.8	3.0	0.5	2.8	0.6	1.7	0.2	1.7	0.3	30.0	16.1	156
22ELAC030	6	9	3	22.6	48.3	5.1	17.9	3.5	0.7	2.8	0.4	2.7	0.5	1.6	0.2	1.5	0.2	27.5	14.7	151
22ELAC030	9	12	3	20.0	47.0	4.6	17.0	3.2	0.7	2.9	0.5	2.7	0.6	1.7	0.2	1.7	0.3	26.2	17.5	148
22ELAC030	12	15	3	1.3	36.4	0.6	3.1	1.2	0.3	1.2	0.2	1.6	0.4	1.1	0.2	1.2	0.2	22.1	9.6	81
22ELAC030	15	18	3	1.7	4.9	0.6	2.6	0.9	0.2	0.8	0.2	1.1	0.2	0.7	0.1	0.9	0.1	9.4	6.5	31
22ELAC030	18	21	3	25.2	37.6	3.8	11.7	2.0	0.5	1.7	0.3	1.6	0.3	1.0	0.2	1.1	0.2	2.1	10.8	100
22ELAC030	21	23	2	33.1	60.7	5.6	17.0	2.8	0.7	2.2	0.3	2.0	0.4	1.3	0.2	1.4	0.2	1.7	13.9	144
22ELAC031	0	3	3	31.0	64.0	6.9	24.5	4.4	0.9	3.8	0.6	3.2	0.6	1.9	0.3	1.8	0.3	24.0	21.2	190
22ELAC031	3	6	3	20.3	47.7	5.0	18.0	3.4	0.7	2.8	0.4	2.5	0.5	1.5	0.2	1.4	0.2	22.0	13.7	141
22ELAC031	6	9	3	23.6	53.4	5.4	19.5	3.6	0.8	3.0	0.5	2.6	0.5	1.5	0.2	1.4	0.2	27.5	14.9	159
22ELAC031	9	12	3	31.3	136.4	8.4	30.3	5.9	1.3	5.6	0.9	5.3	1.0	3.2	0.5	2.8	0.4	20.9	33.9	289
22ELAC031	12	15	3	3.5	15.6	1.0	3.7	1.1	0.3	1.1	0.2	1.3	0.3	0.9	0.2	1.1	0.2	28.8	8.2	68
22ELAC031	15	18	3	77.6	266.6	18.4	62.5	11.0	2.4	8.3	1.3	6.6	1.1	3.1	0.5	2.6	0.4	25.9	29.2	519
22ELAC031	18	21	3	57.6	93.4	9.0	27.6	4.0	0.9	3.0	0.5	2.4	0.5	1.5	0.2	1.4	0.2	15.5	15.0	233
22ELAC032	0	3	3	30.6	71.7	7.1	25.4	4.5	1.0	4.1	0.6	3.5	0.7	2.1	0.3	1.8	0.3	19.7	23.2	197
22ELAC032	3	6	3	23.9	49.0	5.1	18.0	3.4	0.7	2.8	0.4	2.6	0.5	1.4	0.2	1.4	0.2	21.0	14.2	146
22ELAC032	6	9	3	22.9	46.8	4.7	16.7	3.0	0.7	2.6	0.4	2.3	0.5	1.3	0.2	1.3	0.2	20.8	12.8	138
22ELAC032	9	12	3	13.1	32.1	2.5	8.5	1.5	0.3	1.3	0.2	1.4	0.3	0.8	0.1	0.9	0.1	18.8	8.8	91
22ELAC033	0	3	3	31.2	70.0	6.5	23.1	4.3	0.9	3.6	0.5	3.1	0.6	1.7	0.3	1.7	0.3	31.3	17.8	198
22ELAC033	3	6	3	29.7	67.1	6.6	23.9	4.4	1.0	3.7	0.6	3.1	0.6	1.7	0.3	1.8	0.3	36.4	17.3	199
22ELAC033	6	9	3	26.9	71.0	6.1	21.9	4.1	0.9	3.3	0.5	2.9	0.6	1.6	0.2	1.6	0.3	43.6	15.2	201
22ELAC033	9	12	3	37.6	75.1	5.8	19.4	3.7	0.9	2.9	0.4	2.4	0.5	1.3	0.2	1.2	0.2	5.3	15.4	173
22ELAC033	12	15	3	76.0	152.9	11.1	34.6	5.1	1.2	3.6	0.5	2.5	0.5	1.3	0.2	1.2	0.2	2.2	18.5	312
22ELAC033	15	18	3	187.1	261.6	28.2	85.0	9.7	2.1	6.6	0.8	4.2	0.8	2.1	0.3	1.8	0.3	1.5	29.0	622
22ELAC033	18	21	3	246.3	551.6	37.9	113.4	11.7	2.3	7.1	0.8	3.9	0.8	2.0	0.3	1.6	0.3	1.7	33.9	1016
22ELAC033	21	24	3	110.4	145.6	15.2	44.8	5.0	1.0	2.9	0.3	1.5	0.3	0.7	0.1	0.6	0.1	1.2	11.3	341
22ELAC033	24	26	2	124.9	185.5	18.2	49.8	5.7	1.1	3.2	0.4	1.7	0.3	0.8	0.1	0.8	0.1	2.3	11.3	406
22ELAC034	0	3	3	44.1	71.2	8.4	30.1	4.9	1.0	4.6	0.7	3.8	0.8	2.1	0.3	1.8	0.3	26.5	26.3	228
22ELAC034	3	6	3	36.9	68.1	7.4	25.8	4.4	0.9	3.7	0.5	3.1	0.6	1.7	0.3	1.7	0.3	29.2	19.6	205
22ELAC034	6	9	3	26.9	63.4	5.9	21.1	4.0	0.9	3.2	0.5	2.9	0.6	1.6	0.3	1.7	0.3	38.2	15.2	187
22ELAC034	9	12	3	20.2	85.3	4.0	14.8	2.7	0.6	2.5	0.4	2.2	0.5	1.3	0.2	1.3	0.2	29.4	14.5	180
22ELAC034	12	15	3	6.5	10.0	1.3	4.5	1.2	0.3	1.0	0.2	0.9	0.2	0.5	0.1	0.6	0.1	10.8	5.1	43
22ELAC034	15	18	3	34.5	32.7	5.3	14.9	2.2	0.5	1.3	0.2	0.8	0.1	0.4	0.1	0.5	0.1	5.3	4.5	103
22ELAC034	18	21	3	62.3	45.6	8.6	23.2	3.3	0.7	2.0	0.3	1.3	0.2	0.7	0.1	0.6	0.1	4.5	6.9	161
22ELAC034	21	24	3	57.6	17.0	6.3	16.6	2.4	0.6	1.8	0.3	1.3	0.2	0.6	0.1	0.6	0.1	4.0	6.8	117
22ELAC034	24	27	3	37.6	29.6	3.9	11.1	2.1	0.5	1.7	0.3	1.2	0.2	0.6	0.1	0.6	0.1	2.9	6.6	99
22ELAC034	27	30	3	72.7	149.3	11.8	34.9	4.8	1.0	2.8	0.4	1.8	0.3	0.9	0.1	0.9	0.1	4.8	9.3	296
22ELAC034	30	33	3	112.6	199.6	17.8	53.3	6.6	1.3	3.9	0.5	2.3	0.4	1.1	0.2	1.0	0.2	4.7	11.5	417

Hole ID	From (m)	To (m)	Interval (m)	La_2O_3 ppm	CeO_2 ppm	Pr_6O_{11} ppm	Nd_2O_3 ppm	Sm_2O_3 ppm	Eu_2O_3 ppm	Gd_2O_3 ppm	Tb_4O_7 ppm	Dy_2O_3 ppm	Ho_2O_3 ppm	Er_2O_3 ppm	Tm_2O_3 ppm	Yb_2O_3 ppm	Lu_2O_3 ppm	Sc_2O_3 ppm	Y_2O_3 ppm	TREO ppm
22ELAC034	33	36	3	137.2	242.6	22.9	67.4	7.8	1.6	4.1	0.5	2.2	0.4	1.0	0.2	0.9	0.1	3.0	13.0	505
22ELAC035	0	3	3	45.0	90.2	9.1	31.5	5.3	1.2	4.2	0.6	3.9	0.7	2.0	0.3	1.8	0.3	27.8	24.3	249
22ELAC035	3	6	3	16.2	34.6	3.4	11.8	2.2	0.5	1.8	0.3	1.8	0.3	1.1	0.2	1.1	0.2	32.4	9.6	118
22ELAC035	6	9	3	23.1	47.3	4.5	15.8	2.8	0.7	2.2	0.4	2.2	0.4	1.3	0.2	1.4	0.2	35.4	11.6	150
22ELAC035	9	12	3	28.9	82.8	7.9	29.3	5.5	1.3	4.6	0.7	4.3	0.8	2.3	0.3	2.2	0.3	37.9	22.0	232
22ELAC035	12	15	3	10.1	21.4	1.9	6.6	1.3	0.4	1.3	0.2	1.5	0.3	1.1	0.2	1.1	0.2	36.0	10.2	94
22ELAC035	15	18	3	13.4	22.3	2.2	6.7	1.0	0.2	0.7	0.1	0.7	0.1	0.4	0.1	0.5	0.1	41.4	4.0	94
22ELAC035	18	21	3	9.8	13.7	1.8	6.0	1.0	0.3	0.9	0.1	1.0	0.2	0.6	0.1	0.7	0.1	59.7	5.0	101
22ELAC035	21	24	3	25.0	141.9	5.2	16.7	3.0	0.8	2.5	0.5	3.2	0.7	2.1	0.3	2.3	0.3	86.8	15.4	307
22ELAC035	24	27	3	20.0	492.6	4.6	14.8	3.0	0.8	2.5	0.5	3.2	0.7	2.0	0.3	2.2	0.3	73.9	12.7	635
22ELAC035	27	30	3	60.9	58.6	11.5	39.5	7.6	2.2	6.5	1.1	6.6	1.2	3.5	0.5	3.5	0.5	74.7	24.5	304
22ELAC035	30	33	3	53.4	34.0	9.2	33.8	6.8	2.1	6.7	1.1	7.1	1.4	4.0	0.6	3.7	0.6	78.1	33.7	278
22ELAC035	33	36	3	20.2	16.3	3.6	14.4	3.2	1.1	4.1	0.7	4.9	1.0	3.1	0.5	2.9	0.4	85.6	27.3	190
22ELAC035	36	39	3	41.6	36.7	6.1	24.0	5.1	1.8	6.4	1.1	6.9	1.4	4.3	0.6	3.7	0.6	83.6	43.0	269
22ELAC035	39	40	1	61.0	98.9	8.7	25.9	3.5	0.9	2.9	0.4	2.5	0.6	1.6	0.2	1.5	0.2	7.4	22.0	239
22ELAC036	0	3	3	43.4	70.8	8.7	31.5	5.2	1.2	4.6	0.7	4.0	0.8	2.3	0.3	2.0	0.3	28.1	27.4	232
22ELAC036	3	6	3	17.1	35.0	3.8	13.6	2.6	0.6	2.3	0.4	2.2	0.4	1.4	0.2	1.4	0.2	32.4	11.9	126
22ELAC036	6	9	3	14.7	49.3	3.6	13.2	2.6	0.6	2.3	0.4	2.5	0.5	1.4	0.2	1.5	0.2	35.0	10.7	139
22ELAC036	9	12	3	25.1	113.9	7.2	26.8	5.5	1.3	5.2	0.8	4.9	1.0	2.9	0.4	2.7	0.4	39.9	26.8	266
22ELAC036	12	15	3	11.4	32.3	2.5	9.0	2.0	0.5	1.7	0.3	2.1	0.4	1.4	0.2	1.6	0.2	29.3	11.8	107
22ELAC036	15	18	3	76.7	157.2	14.9	49.8	8.1	1.9	5.8	0.9	4.9	0.9	2.6	0.4	2.3	0.3	34.8	26.0	388
22ELAC036	18	21	3	12.0	18.5	1.8	6.0	1.0	0.3	1.0	0.2	1.3	0.3	1.0	0.1	1.0	0.2	64.0	9.0	118
22ELAC036	21	24	3	137.2	206.4	16.8	44.9	5.2	1.3	3.6	0.5	2.6	0.5	1.2	0.2	1.0	0.2	59.5	15.0	496
22ELAC036	24	27	3	146.0	237.1	19.9	59.1	7.7	2.0	5.5	0.7	3.9	0.8	2.3	0.3	2.1	0.3	14.2	30.4	533
22ELAC037	0	3	3	34.2	85.7	7.4	27.1	4.6	1.1	4.2	0.6	3.8	0.7	2.2	0.3	2.1	0.3	30.1	23.7	229
22ELAC037	3	6	3	24.5	55.5	5.0	17.0	3.1	0.7	2.5	0.4	2.3	0.5	1.4	0.2	1.5	0.2	28.1	13.8	157
22ELAC037	6	9	3	10.1	19.5	1.8	6.1	1.2	0.3	1.0	0.2	1.1	0.2	0.7	0.1	0.7	0.1	21.9	6.6	72
22ELAC037	9	12	3	6.9	11.3	1.1	3.9	1.1	0.3	0.9	0.1	0.9	0.2	0.5	0.1	0.6	0.1	10.7	5.4	44
22ELAC037	12	15	3	5.8	10.9	1.2	4.5	1.2	0.4	1.0	0.2	0.9	0.2	0.5	0.1	0.6	0.1	4.2	6.0	38
22ELAC037	15	17	2	60.6	91.4	7.8	22.7	2.9	0.7	1.6	0.2	1.1	0.2	0.6	0.1	0.5	0.1	2.5	6.7	200
22ELAC038	0	3	3	24.9	65.0	5.4	18.8	3.6	0.9	2.9	0.5	2.8	0.6	1.7	0.3	1.7	0.3	42.5	16.6	189
22ELAC038	3	6	3	22.8	57.6	5.1	17.8	3.4	0.8	2.7	0.4	2.5	0.5	1.5	0.2	1.5	0.2	40.6	13.8	172
22ELAC038	6	9	3	16.7	105.4	3.9	13.9	2.8	0.7	2.2	0.4	2.3	0.4	1.4	0.2	1.4	0.2	35.4	11.9	200
22ELAC038	9	11	2	9.7	205.8	2.7	10.3	2.3	0.6	2.0	0.3	2.0	0.4	1.1	0.2	1.2	0.2	22.5	8.9	270
22ELAC039	0	3	3	30.5	62.8	5.6	19.3	3.1	0.7	2.8	0.4	2.5	0.5	1.5	0.2	1.4	0.2	29.4	15.4	177
22ELAC039	3	6	3	19.4	49.8	4.1	14.9	2.7	0.6	2.4	0.4	2.2	0.4	1.4	0.2	1.4	0.2	39.7	11.6	152
22ELAC039	6	9	3	13.1	53.3	3.5	12.8	2.4	0.6	2.0	0.3	2.1	0.4	1.3	0.2	1.3	0.2	52.9	9.7	157
22ELAC039	9	12	3	6.7	44.3	1.7	6.9	1.5	0.4	1.4	0.2	1.4	0.3	0.9	0.1	1.0	0.1	36.2	7.4	111
22ELAC039	12	15	3	20.2	45.9	3.8	13.2	2.3	0.6	2.0	0.3	1.6	0.3	1.0	0.2	1.1	0.1	9.9	10.3	113
22ELAC039	15	18	3	13.3	34.8	2.8	10.2	2.2	0.6	1.9	0.3	1.8	0.3	1.1	0.2	1.2	0.2	7.7	10.3	89
22ELAC039	18	21	3	17.9	67.9	3.6	12.4	2.3	0.7	1.9	0.3	1.8	0.3	1.1	0.2	1.2	0.2	5.1	10.1	127
22ELAC039	21	24	3	44.0	99.7	7.6	24.0	3.6	0.9	2.5	0.4	2.4	0.5	1.5	0.2	1.6	0.2	11.6	13.7	215
22ELAC039	24	27	3	88.7	135.7	17.3	52.7	8.0	2.1	5.9	0.8	4.5	0.8	2.2	0.3	1.7	0.2	85.6	17.2	425
22ELAC039	27	30	3	457.4	601.9	79.1	256.6	37.3	9.8	30.7	4.3	25.4	4.6	12.7	1.6	9.3	1.4	90.8	125.1	1753

Hole ID	From (m)	To (m)	Interval (m)	La_2O_3 ppm	CeO_2 ppm	Pr_6O_{11} ppm	Nd_2O_3 ppm	Sm_2O_3 ppm	Eu_2O_3 ppm	Gd_2O_3 ppm	Tb_4O_7 ppm	Dy_2O_3 ppm	Ho_2O_3 ppm	Er_2O_3 ppm	Tm_2O_3 ppm	Yb_2O_3 ppm	Lu_2O_3 ppm	Sc_2O_3 ppm	Y_2O_3 ppm	TREO ppm
22ELAC039	30	33	3	61.8	65.4	8.4	30.0	5.5	1.7	6.4	1.1	7.0	1.5	4.6	0.7	4.2	0.6	51.8	43.7	296
22ELAC039	33	36	3	6.2	8.7	1.2	5.1	1.3	0.5	1.7	0.3	2.1	0.4	1.4	0.2	1.4	0.2	55.2	11.5	98
22ELAC039	36	39	3	6.3	13.4	1.6	6.6	1.8	0.7	2.1	0.3	2.4	0.5	1.4	0.2	1.4	0.2	66.6	12.5	118
22ELAC039	39	42	3	5.9	13.1	1.9	8.6	2.4	0.9	3.2	0.6	3.9	0.8	2.5	0.4	2.3	0.4	63.3	22.4	133
22ELAC039	42	44	2	7.0	17.4	2.4	11.7	3.6	1.3	4.2	0.7	4.8	0.9	2.7	0.4	2.5	0.4	62.3	23.3	146
22ELAC040	0	3	3	35.7	85.9	7.6	27.1	4.9	1.1	4.2	0.6	4.0	0.8	2.2	0.3	2.0	0.3	30.0	23.9	231
22ELAC040	3	6	3	23.9	60.1	6.0	21.6	4.0	0.9	3.3	0.5	3.0	0.6	1.8	0.3	1.7	0.2	61.4	15.7	205
22ELAC040	6	9	3	5.4	17.1	1.6	5.6	1.2	0.3	1.0	0.1	1.0	0.2	0.6	0.1	0.6	0.1	58.7	4.1	98
22ELAC040	9	12	3	2.8	6.0	0.6	2.4	0.5	0.1	0.5	0.1	0.6	0.1	0.4	0.1	0.4	0.1	66.6	3.1	85
22ELAC040	12	15	3	2.5	4.4	0.5	1.7	0.4	0.1	0.4	0.1	0.4	0.1	0.3	0.1	0.4	0.1	54.3	2.5	68
22ELAC040	15	18	3	0.5	3.6	0.4	1.8	0.6	0.2	0.6	0.1	1.1	0.2	0.9	0.2	1.3	0.2	104.8	5.6	122
22ELAC040	18	21	3	0.7	1.8	0.1	0.5	0.2	0.0	0.2	0.0	0.3	0.1	0.3	0.1	0.4	0.1	106.3	1.4	113
22ELAC040	21	24	3	1.6	5.5	0.6	2.0	0.6	0.2	0.6	0.1	1.1	0.3	0.9	0.2	1.2	0.2	132.7	5.5	154
22ELAC040	24	27	3	153.1	395.5	51.6	212.3	55.7	18.1	53.4	8.6	50.4	8.8	24.4	3.4	20.9	2.9	119.3	184.1	1371
22ELAC040	27	30	3	22.9	47.9	5.3	23.4	6.5	2.5	10.2	2.0	14.7	3.4	11.1	1.6	10.5	1.6	89.1	102.7	359
22ELAC040	30	33	3	6.1	10.8	1.4	6.6	2.2	1.0	4.7	1.0	8.3	2.0	6.8	1.0	6.4	1.0	72.5	66.5	200
22ELAC040	33	36	3	4.0	7.7	1.0	5.0	1.9	0.9	3.9	0.8	6.7	1.6	5.2	0.8	4.8	0.8	61.5	51.9	160
22ELAC040	36	39	3	14.7	28.7	3.3	13.8	3.7	1.3	4.8	0.8	5.7	1.2	3.8	0.6	3.5	0.5	61.5	34.2	183
22ELAC040	39	42	3	3.6	9.1	0.8	3.9	1.4	0.6	2.6	0.5	4.2	1.0	3.1	0.5	2.8	0.5	66.4	32.9	135
22ELAC040	42	45	3	59.6	108.3	9.1	28.9	4.6	1.4	5.5	0.9	7.0	1.6	5.2	0.8	4.6	0.7	28.8	67.2	336
22ELAC040	45	48	3	54.3	97.9	8.7	26.8	3.8	1.0	3.0	0.4	2.5	0.5	1.6	0.2	1.5	0.2	4.2	20.0	227
22ELAC040	48	51	3	48.1	83.8	7.7	24.8	4.1	1.0	3.2	0.5	3.0	0.6	1.9	0.3	1.8	0.3	36.4	19.6	238
22ELAC041	0	3	3	12.0	24.6	2.5	9.0	1.8	0.4	1.5	0.2	1.5	0.3	0.9	0.1	0.9	0.1	10.9	8.9	76
22ELAC041	3	6	3	9.6	20.9	2.1	7.4	1.6	0.3	1.4	0.2	1.6	0.3	0.9	0.1	1.0	0.2	15.2	8.6	72
22ELAC041	6	9	3	6.2	11.6	1.3	4.8	1.0	0.2	1.0	0.2	1.0	0.2	0.7	0.1	0.9	0.1	14.0	6.5	50
22ELAC041	9	12	3	3.1	21.1	0.7	2.6	0.6	0.2	0.6	0.1	0.8	0.2	0.5	0.1	0.7	0.1	15.3	4.6	52
22ELAC041	12	15	3	3.1	12.3	0.8	3.1	0.9	0.2	0.8	0.2	1.1	0.2	0.7	0.1	0.8	0.1	14.4	5.2	44
22ELAC042	0	3	3	9.8	37.2	2.1	7.3	1.6	0.3	1.4	0.2	1.5	0.3	0.9	0.1	1.0	0.1	13.4	8.6	86
22ELAC042	3	6	3	12.8	25.3	2.8	10.0	2.0	0.4	1.7	0.3	1.7	0.3	1.1	0.1	1.1	0.2	17.5	10.3	88
22ELAC042	6	9	3	7.8	10.2	1.1	3.9	0.8	0.2	0.8	0.1	0.9	0.2	0.5	0.1	0.6	0.1	11.2	4.5	43
22ELAC042	9	12	3	37.5	32.1	3.5	9.1	1.4	0.3	1.1	0.2	0.9	0.2	0.4	0.1	0.5	0.1	6.9	4.4	99
22ELAC042	12	15	3	41.2	34.1	3.8	9.6	1.5	0.3	1.1	0.2	0.9	0.2	0.5	0.1	0.5	0.1	6.7	4.6	105
22ELAC042	15	18	3	33.0	36.1	3.7	10.4	1.5	0.4	1.2	0.2	0.9	0.2	0.5	0.1	0.5	0.1	6.3	5.2	100
22ELAC042	18	21	3	14.7	16.6	1.5	4.4	0.9	0.3	0.9	0.1	0.9	0.2	0.5	0.1	0.6	0.1	4.8	4.9	52
22ELAC042	21	24	3	16.0	24.9	2.5	8.6	1.6	0.4	1.4	0.2	1.2	0.2	0.7	0.1	0.8	0.1	4.9	6.3	70
22ELAC042	24	27	3	60.5	117.1	13.0	46.5	7.1	1.6	4.9	0.6	3.2	0.6	1.7	0.2	1.6	0.2	9.4	17.8	287
22ELAC042	27	30	3	112.4	208.2	25.3	92.7	13.3	2.9	8.8	1.0	4.8	0.7	1.9	0.2	1.4	0.2	8.3	20.4	503
22ELAC042	30	33	3	74.2	132.7	17.8	63.7	8.9	1.8	5.6	0.6	3.0	0.5	1.3	0.2	1.0	0.1	7.5	15.5	335
22ELAC042	33	36	3	50.8	101.7	10.5	37.3	5.6	1.2	3.8	0.4	2.2	0.4	1.1	0.1	0.9	0.1	5.4	12.7	235
22ELAC043	0	3	3	26.6	59.9	6.1	22.0	3.7	0.8	3.3	0.5	2.8	0.6	1.6	0.2	1.4	0.2	13.3	18.0	162
22ELAC043	3	6	3	94.3	248.1	16.6	58.9	9.0	2.0	8.9	1.2	7.3	1.4	4.0	0.5	3.4	0.4	21.9	48.9	528
22ELAC043	6	9	3	88.5	159.1	16.4	53.1	7.0	1.2	4.8	0.6	3.5	0.7	2.1	0.3	1.9	0.3	8.1	21.1	369
22ELAC043	9	12	3	147.2	337.8	27.3	86.7	10.7	1.6	6.3	0.8	4.5	0.8	2.3	0.3	2.0	0.3	6.0	22.2	657
22ELAC043	12	15	3	328.4	961.8	86.5	299.8	35.8	5.8	19.8	2.3	11.7	1.9	5.2	0.7	4.1	0.5	5.8	52.7	1825

Hole ID	From (m)	To (m)	Interval (m)	La_2O_3 ppm	CeO_2 ppm	Pr_6O_{11} ppm	Nd_2O_3 ppm	Sm_2O_3 ppm	Eu_2O_3 ppm	Gd_2O_3 ppm	Tb_4O_7 ppm	Dy_2O_3 ppm	Ho_2O_3 ppm	Er_2O_3 ppm	Tm_2O_3 ppm	Yb_2O_3 ppm	Lu_2O_3 ppm	Sc_2O_3 ppm	Y_2O_3 ppm	TREO ppm
22ELAC043	15	18	3	281.5	293.6	78.9	298.6	37.9	7.6	26.9	3.2	16.7	3.0	8.2	1.1	6.3	0.8	6.0	88.6	1162
22ELAC043	18	21	3	138.4	216.8	27.3	96.3	12.9	2.8	10.6	1.2	6.6	1.2	3.4	0.4	2.5	0.3	7.0	38.4	567
22ELAC043	21	24	3	35.1	79.7	7.1	24.0	3.0	0.8	2.3	0.3	1.5	0.3	0.9	0.1	0.8	0.1	3.1	9.8	169
22ELAC043	24	27	3	47.6	79.6	7.3	22.9	3.1	0.8	2.2	0.3	1.7	0.3	1.0	0.1	1.0	0.2	4.1	13.1	186
22ELAC043	27	29	2	137.2	350.1	30.8	97.6	14.2	2.6	9.4	1.1	5.8	1.0	2.8	0.3	2.0	0.3	5.0	37.0	698
22ELAC044	0	3	3	16.3	59.6	3.6	12.9	2.5	0.5	2.1	0.3	2.0	0.4	1.2	0.2	1.2	0.2	13.1	11.4	128
22ELAC044	3	5	2	48.1	95.6	8.5	28.9	4.9	0.9	3.9	0.6	3.2	0.6	1.8	0.3	1.7	0.3	20.1	18.9	239
22ELAC045	0	3	3	31.7	62.8	6.0	21.4	3.7	0.8	3.4	0.5	2.9	0.6	1.6	0.2	1.4	0.2	16.0	19.0	173
22ELAC045	3	6	3	110.9	195.3	19.6	62.5	8.6	1.5	5.4	0.7	3.5	0.6	1.8	0.2	1.6	0.2	13.2	20.9	447
22ELAC045	6	9	3	102.7	198.4	20.1	64.3	9.3	1.5	5.8	0.8	4.1	0.7	2.0	0.3	1.6	0.2	5.6	23.3	442
22ELAC046	0	3	3	10.5	21.1	2.1	7.5	1.5	0.3	1.3	0.2	1.2	0.3	0.7	0.1	0.8	0.1	11.0	7.2	66
22ELAC046	3	6	3	23.0	49.1	5.3	17.7	3.3	0.7	3.0	0.5	2.5	0.5	1.4	0.2	1.4	0.2	22.2	15.7	147
22ELAC046	6	9	3	57.5	194.1	12.1	39.4	6.7	1.5	6.5	1.0	5.2	1.0	2.9	0.4	2.5	0.4	24.1	34.0	390
22ELAC046	9	12	3	66.5	76.0	10.2	30.8	4.7	1.0	4.0	0.6	3.2	0.6	1.8	0.3	1.6	0.2	11.8	20.3	234
22ELAC046	12	15	3	22.0	31.3	3.3	10.2	1.2	0.3	1.1	0.1	0.8	0.2	0.5	0.1	0.6	0.1	10.9	6.8	90
22ELAC046	15	17	2	469.1	961.8	96.2	261.3	26.4	3.3	12.6	1.4	6.5	1.1	2.9	0.4	2.6	0.4	8.5	33.9	1889
22ELAC047	0	3	3	10.5	42.4	2.3	7.4	1.5	0.3	1.2	0.2	1.3	0.3	0.8	0.1	0.8	0.1	10.5	6.9	87
22ELAC047	3	6	3	25.3	53.9	5.3	16.7	2.8	0.6	2.3	0.3	1.9	0.4	1.1	0.2	1.1	0.2	13.4	10.7	136
22ELAC047	6	9	3	36.0	94.0	7.4	24.4	4.3	1.0	3.8	0.6	3.4	0.7	1.9	0.3	1.7	0.3	21.8	18.8	221
22ELAC047	9	12	3	39.8	54.4	7.5	23.1	3.6	0.7	2.7	0.4	2.2	0.4	1.3	0.2	1.3	0.2	12.7	12.7	164
22ELAC048	0	3	3	14.9	29.9	3.3	11.3	2.0	0.5	1.8	0.3	1.6	0.3	0.9	0.1	0.9	0.1	10.1	9.6	88
22ELAC048	3	6	3	19.5	40.0	4.1	13.4	2.5	0.6	2.1	0.3	1.9	0.4	1.1	0.2	1.1	0.2	16.0	10.8	115
22ELAC048	6	9	3	23.1	50.5	5.1	16.7	3.0	0.7	2.6	0.4	2.3	0.4	1.3	0.2	1.3	0.2	16.9	12.6	138
22ELAC048	9	12	3	26.2	51.7	5.1	16.3	2.7	0.6	2.2	0.3	1.8	0.3	1.0	0.2	1.0	0.2	15.0	9.7	135
22ELAC048	12	15	3	70.3	101.0	7.0	16.0	2.1	0.3	1.5	0.2	1.1	0.2	0.6	0.1	0.7	0.1	10.8	6.1	218
22ELAC048	15	18	3	76.1	109.0	6.6	14.6	1.9	0.3	1.5	0.2	1.2	0.2	0.7	0.1	0.7	0.1	10.9	6.1	230
22ELAC048	18	21	3	114.9	235.9	19.6	55.6	7.5	1.0	4.7	0.6	3.2	0.6	1.6	0.2	1.5	0.2	11.6	16.7	476
22ELAC048	21	24	3	316.7	589.6	58.8	161.5	19.5	2.6	11.5	1.5	7.2	1.2	3.5	0.5	2.9	0.4	13.5	41.5	1234
22ELAC048	24	27	3	387.0	769.0	74.8	203.0	24.2	3.3	13.6	1.7	8.4	1.4	3.9	0.6	3.5	0.5	16.9	43.8	1557
22ELAC048	27	30	3	363.6	1035.5	79.7	230.4	28.9	4.1	16.4	2.1	9.9	1.6	4.3	0.6	3.7	0.5	12.2	47.5	1843
22ELAC048	30	33	3	236.9	540.5	45.2	120.1	15.9	2.5	9.0	1.2	5.5	0.9	2.5	0.4	2.4	0.3	6.7	26.2	1017
22ELAC048	33	36	3	328.4	814.4	80.9	254.3	34.1	5.4	21.6	2.8	13.5	2.4	6.5	0.9	5.5	0.8	6.3	75.8	1656

APPENDIX IV - JORC Compliance Table

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. • Bulk samples from each meter interval were spear sampled and combined to form a 3 metre composite sample of approximately 3kg. • 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 a 3 inch drill bit to refusal, usually saprock to fresh rock.
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. • 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 bulk samples recovered from the drill rig cyclone were spear sampled and combined to make 3m composite samples. • >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.*	• All 3m composite drilling samples have been submitted for a 50g Fire Assay for gold with an ICP-AES finish; 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 8% 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 not been verified. • 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. • Multi-element results (REE) are converted to stoichiometric oxide (REO) using element-to-stoichiometric conversion factors.
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. • 3 metre sample compositing of the AC drilling samples was routinely used.
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 licence E38/3499. • The exploration licences are held 100% by Tevel Pty Ltd (Tevel). • Mt Monger Resources 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 tenement overlies the Laverton Downs pastoral lease. • 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. • 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

Criteria	JORC Code Explanation	Commentary
		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 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 allowance for internal dilution by a maximum of one sub-grade sample. • Where appropriate higher-grade intersections are reported based on a 1,000ppm TREO cut-off with no internal dilution. Refer to Appendix II for details. • No metal equivalent values have been reported. • Total rare earth oxide (TREO) values were derived by the simple addition of grades for lanthanum (La_2O_3), cerium (CeO_2), praseodymium (Pr_6O_{11}), neodymium (Nd_2O_3), samarium (Sm_2O_3), europium (Eu_2O_3), gadolinium (Gd_2O_3), terbium (Tb_4O_7), dysprosium (Dy_2O_3), holmium (Ho_2O_3), erbium (Er_2O_3), thulium (Tm_2O_3), ytterbium (Yb_2O_3), lutetium (Lu_2O_3), yttrium (Y_2O_3) and scandium (Sc_2O_3).
Relationship between mineralisation widths and intercept lengths	• *These relationships are particularly important in the reporting of Exploration Results.* • *If the geometry of the mineralisation with respect to the drill hole angle is known, its nature should be reported.* • *If it is not known and only the down hole lengths are reported, there should be a clear statement to this effect (eg 'down hole length, true width not known').*	• Down hole lengths are reported, true widths are not known • 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.
Diagrams	• *Appropriate maps and sections (with scales) and tabulations of intercepts should be included for any significant discovery being reported. These*	• Refer to Figures included in the body of the announcement.

Criteria	JORC Code Explanation	Commentary
	should include, but not be limited to a plan view of drill hole collar locations and appropriate sectional views.	
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 REO assay results is provided in Appendix III. • 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.