ASX Announcement

1 December 2022

ASX: OD6

Excellent High-Grade Clay Rare Earths with Large Thickness over Extensive Areas Continue at Splinter Rock

OD6 Metals Limited (**OD6** or the **Company**) is pleased to report final assay results from the recently completed drilling campaign at its Splinter Rock Project northeast of Esperance in Western Australia. Splinter Rock contains widespread, thick, high-grade clay hosted rare earth element (REE) mineralisation.

Highlights:

- **Excellent assay results continue to be reported** from the completed 179-hole program
- **Further extensions of high-grade** clay-hosted rare earths confirmed
- **Grades up to 3,862 ppm** Total Rare Earth Oxides (TREO)
- **Two additional prospects defined,** in addition to the original four significant prospects previously reported.
- **Scrum and Prop Prospects significantly expanded in multiple directions and on additional perpendicular and/or parallel drill lines**, each prospect extends between **6 x 4km and 13 x 5km** respectively
- **High value Nd+Pr** oxides (NdPr) represent an **average of 19.1% of TREO grade**
- **High value Magnet Rare Earth Oxides** represent an **average of 20.9% of TREO grade**
- **Heavy Rare Earth Oxides** represents an average of **14.4% of TREO grade**
- **Extensive clay thickness** for the Prospects which vary **between 10-30m and up to 80m**
- **52%** of holes assayed included in this report have grades greater than **750ppm TREO**
- All assays using **4-acid soluble digestion** (i.e. does not assay for resistate non-acid soluble REE minerals)
- All mineralised assay results have been received for the completed 179-hole program.

Significant high-grade clay-hosted rare earth intersections include:

- **17 metres** at 2162ppm TREO (25% Magnet REO) from 15 metres (SRAC0091)
- **29 metres** at 1842ppm TREO (20.7% Magnet REO) from 57 metres (SRAC0081)
- **21 metres** at 1273ppm TREO (23.4% Magnet REO) from 24 metres (SRAC0082)
- **30 metres** at 1203ppm TREO (21% Magnet REO) from 30 metres (SRAC0063) including,
  - 18 metres at 1510ppm TREO (20% Magnet REO) from 30 metres, and
  - 6 metres at 909ppm TREO (21.4% Magnet REO) from 54 metres
- **39 metres** at 1171ppm TREO (24.1% Magnet REO) from 48 metres (SRAC0094) including,
  - 6 metres at 1390ppm TREO (17.5% Magnet REO) from 48 metres, and

- 27 metres at 1243ppm TREO (26.2% Magnet REO) from 60 metres
- **39 metres** at 1060ppm TREO (22% Magnet REO) from 24 metres (SRAC0080)
- **48 metres** at 943ppm TREO (24.4% Magnet REO) from 30 metres (SRAC0070) including,
  - 27 metres at 1188ppm TREO (25.3% Magnet REO) from 36 metres, and
  - 6 metres at 1124ppm TREO (23.8% Magnet REO) from 72 metres
- **20 metres** at 1030ppm TREO (21.3% Magnet REO) from 6 metres (SRAC0122)
- **23 metres** at 897ppm TREO (23.3% Magnet REO) from 21 metres (SRAC0087) including,
  - 11 metres at 1368 ppm TREO (23.3% Magnet REO) from 33 metres
- **21 metres** at 858ppm TREO (23.4% Magnet REO) from 27 metres (SRAC0073) including,
  - 12 metres at 1075ppm TREO (23.7% Magnet REO) from 36 metres
- **54 metres** at 762ppm TREO (21.7% Magnet REO) from 3 metres (SRAC0152) including,
  - 9 metres at 1889ppm TREO (21.5% Magnet REO) from 9 metres, and
  - 3 metres at 1389ppm TREO (24.3% Magnet REO) from 39 metres
- **22 metres** at 741ppm TREO (22.1% Magnet REO) from surface (SRAC0123) including,
  - 3 metres at 1036ppm TREO (21.4% Magnet REO) from 6 metres, and
  - 6 metres at 1098ppm TREO (21.4% Magnet REO) from 15 metres
- **66 metres** at 607ppm TREO (20.7% Magnet REO) from 42 metres (SRAC0141) including,
  - 3 metres at 971ppm TREO (22.1% Magnet REO) from 48 metres

Brett Hazelden, Managing Director, commented:

"These excellent assay results from the Splinter Rock Project continue to excite, with further range extensions now shown in our maiden drill areas. Two additional prospects have been identified, with six in total now intersected from our first round of drilling.

The previously defined Scrum and Prop Prospects now have multiple, perpendicular and/or parallel drill lines and each cover an area of between 6 x 4km and 13 x 5km respectively. The additional drill lines provide an added dimension to these prospects, with results continuing to return clay thicknesses between 10 to 30m, which are also close to surface. These are vast areas.

Importantly, these assay results continue to validate the basis of our exploration model which hypothesises local clay rare earth mineral enrichment is formed from weathering of granites in the area. Our Airborne Electromagnetic Survey is nearing completion and once the data has been fully assessed we expect to confirm additional, untested future drill targets.

We are staggered with the scale implied by our exploration at Splinter Rock to date and the potential that is unfolding before us. Our attention now turns to prioritising our six defined prospects for advancement in the next phase of exploration drilling. We are working towards delineation of a potential Mineral Resource Estimate that optimises key economic factors such as metallurgical recoveries, acid consumption, depth of the shallow cover, stripping ratio, head grade and mineralised thickness."

Drill Hole Locations

Assay results have been received, except for 5 non-mineralised holes, for the remainder of the completed 179-hole program. All assays were undertaken using 4-acid soluble digestion, so do not return results for resistate non-acid soluble REE minerals. All drill hole locations reported to date are shown in black in Figure 2 below with the white holes being the pending non-mineralised holes. Please refer to the ASX announcement on 10 November 2022 (Outstanding Initial Drilling Assay Results) for previously reported results.

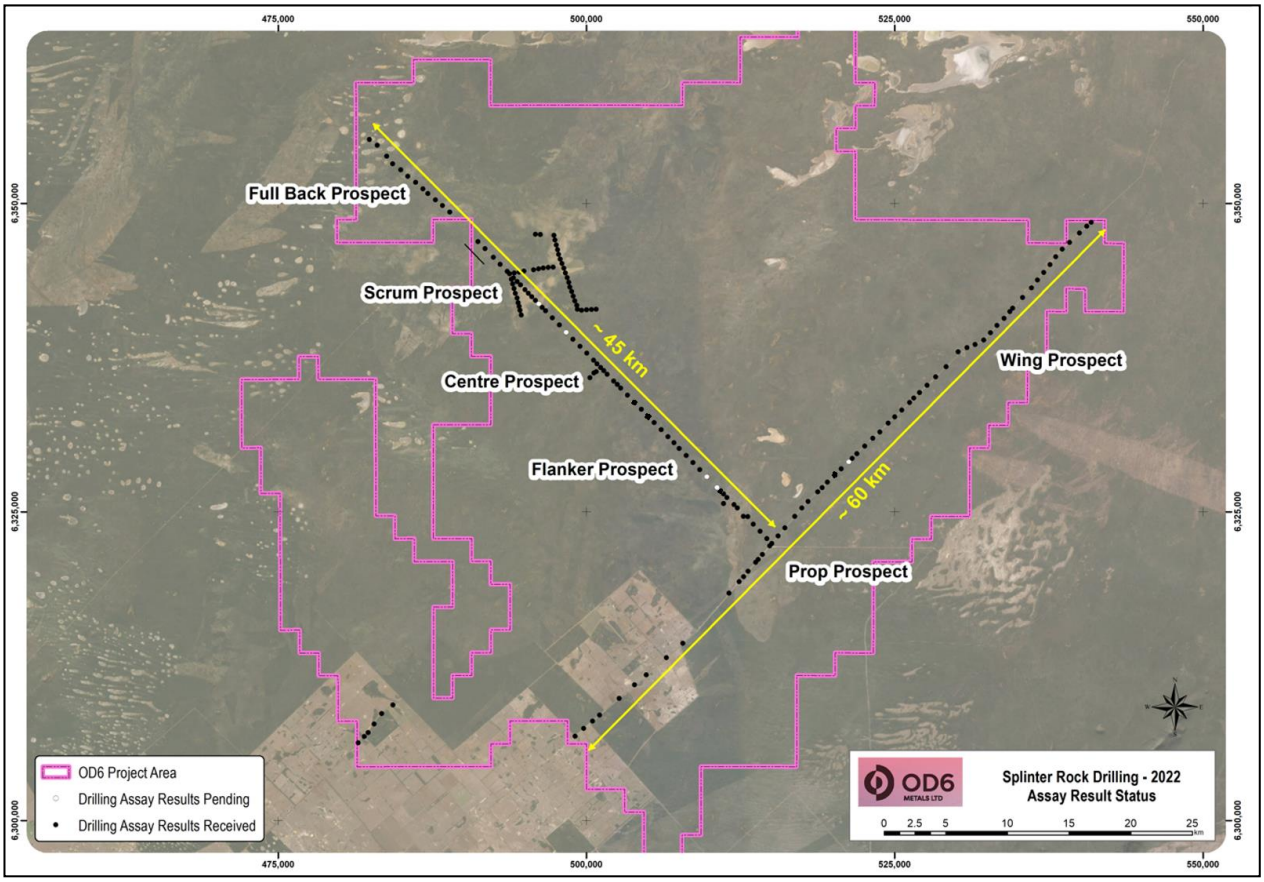


Figure 1 Splinter Rock Project showing drill locations with assays reported

Two Additional Significant Prospects Identified

Two additional prospects have been defined, in addition to the original four significant prospects previously reported. All six prospects have been identified from the drill program, each of which span an extensive 4 to 13 km in drilled width and lie interspersed between the granite outcrops. Extensive clay vertical thickness generally vary between 10-30m and up to 80m, and start in the near-surface. All prospects include holes with grade x interval greater than 20,000 (ppm TREO * metres) representing significant accumulations of mineralised clay-hosted rare earth deposits. All zones are open orthogonal to drill lines and are anticipated to extend laterally over several kilometres. Cross sections for each deposit are provided on pages 9 to 12. The six prospects are named:

- Scrum Prospect
- Centre Prospect
- Flanker Prospect
- Prop Prospect
- Full Back Prospect (new)
- Wing Prospect (new)

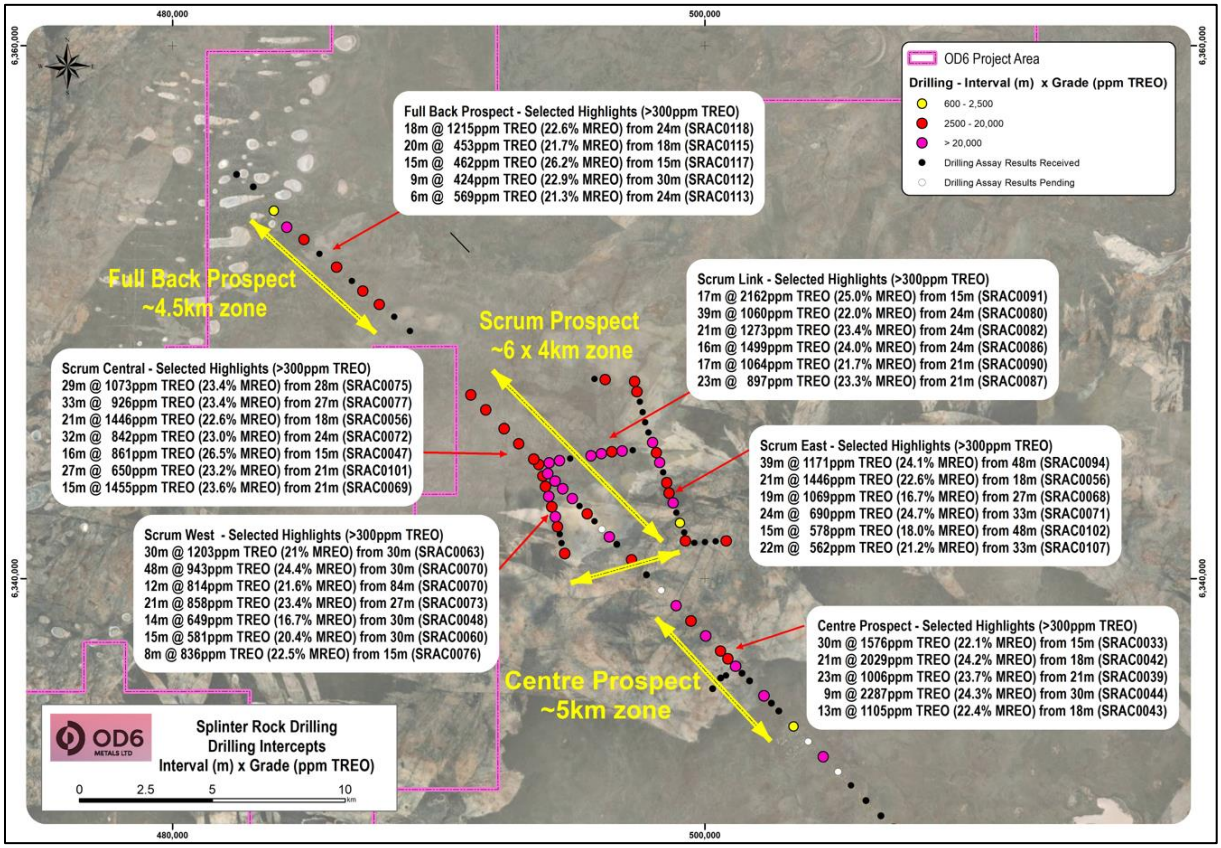


Figure 2 Drill locations showing significant intersections (>300ppm TREO) of Interval (m) x Grade (TREO)

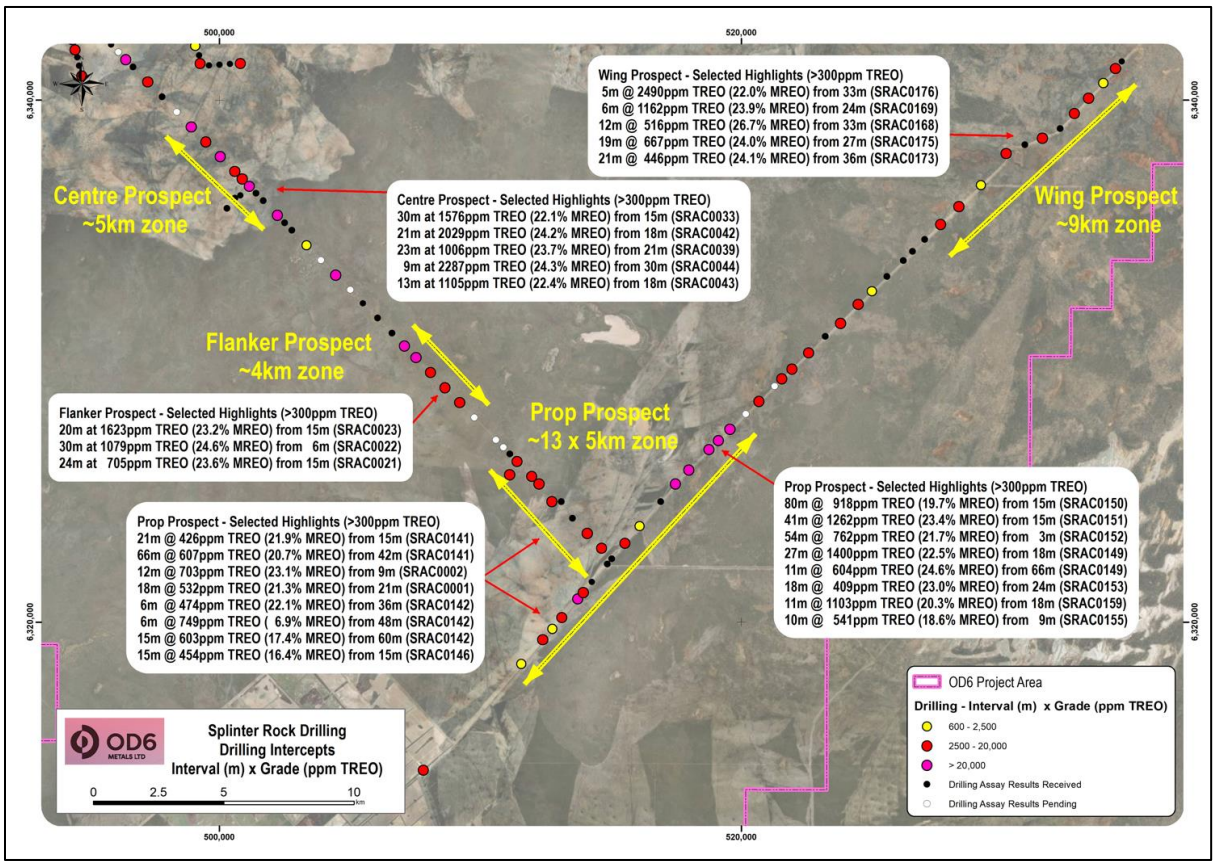


Figure 3 Drill locations showing significant intersections (>300ppm TREO) of Interval (m) x Grade (TREO)

Significant High Grade REO Intersections at 750ppm cut-off grade

Assays received from 35 of the 67 holes have returned significant TREO grades and thickness using a 750ppm cut-off grade with clay thickness intervals up to 39m. Magnetic Rare Earth Oxides make up an average of 22.3%, with Critical Rare Earth Oxides averaging 24.7% plus Heavy Rare Earth Oxides averaging 11.5%.

Rare Earth Oxides Significant Intercepts >750ppm cut-off grade TREO (ordered by TREO grade)

Hole ID	From (m)	To (m)	Interval (m)	TREO (ppm)	% Mag REO (%)	% HREO (%)	% CREO (%)
SRAC0103	51	53	2	2849	28.4	5.7	25.3
SRAC0176	33	38	5	2490	22.0	27.8	36.2
SRAC0091	15	32	17	2162	25.0	12.3	27.6
SRAC0152	9	18	9	1889	21.5	20.5	30.9
SRAC0081	57	86	29	1842	20.7	13.3	25.6
SRAC0088	42	51	9	1795	11.1	4.6	10.4
SRAC0086	27	40	13	1691	24.0	12.6	26.7
SRAC0118	24	36	12	1595	22.6	20.8	31.3
SRAC0096	27	30	3	1556	26.8	14.4	28.8
SRAC0063	30	48	18	1510	20.0	8.8	19.8
SRAC0069	21	36	15	1455	23.6	9.8	24.0
SRAC0175	42	46	4	1399	30.8	14.7	34.1
SRAC0094	48	54	6	1390	17.5	13.3	23.4
SRAC0152	39	42	3	1389	24.3	39.7	45.1
SRAC0103	42	45	3	1381	27.4	6.5	24.9
SRAC0087	33	44	11	1368	23.3	10.6	24.8
SRAC0090	27	38	11	1334	21.1	8.6	21.2
SRAC0082	24	45	21	1273	23.4	11.4	25.5
SRAC0094	60	87	27	1243	26.2	25.0	37.6
SRAC0070	36	63	27	1188	25.3	10.5	26.5
SRAC0071	33	42	9	1153	32.5	9.0	30.9
SRAC0070	72	78	6	1124	23.8	9.5	24.3
SRAC0070	87	93	6	1123	21.9	8.0	21.9
SRAC0123	15	21	6	1098	21.4	8.4	21.6
SRAC0073	36	48	12	1075	23.7	13.1	27.3
SRAC0068	27	46	19	1069	16.7	5.1	16.4
SRAC0184	63	72	9	1062	20.1	6.6	19.3
SRAC0080	24	63	39	1060	22.0	13.4	27.4
SRAC0123	6	9	3	1036	21.4	7.8	20.9
SRAC0122	6	26	20	1030	21.3	7.8	21.3
SRAC0055	12	15	3	995	18.1	4.9	15.9
SRAC0141	48	51	3	971	22.1	17.9	28.7
SRAC0188	72	80	8	946	18.5	19.7	27.2
SRAC0101	21	27	6	941	21.8	5.8	19.9

Hole ID	From (m)	To (m)	Interval (m)	TREO (ppm)	% Mag REO (%)	% HREO (%)	% CREO (%)
SRAC0048	39	44	5	920	27.6	7.3	25.5
SRAC0063	54	60	6	909	21.4	8.0	21.7
SRAC0081	48	51	3	906	11.7	22.1	26.3
SRAC0076	15	23	8	836	22.5	5.6	20.7
SRAC0142	48	51	3	827	5.2	4.0	6.3
SRAC0074	30	36	6	820	21.8	8.7	21.9
SRAC0107	39	42	3	807	23.0	10.6	24.1
SRAC0142	69	75	6	790	29.7	11.5	29.3
SRAC0136	18	21	3	760	21.1	8.9	22.0

Note:
TREO (Total Rare Earth Oxide) = $La_2O_3 + CeO_2 + Pr_6O_{11} + Nd_2O_3 + Sm_2O_3 + Eu_2O_3 + Gd_2O_3 + Tb_4O_7 + Dy_2O_3 + Ho_2O_3 + Er_2O_3 + Tm_2O_3 + Yb_2O_3 + Lu_2O_3 + Y_2O_3$
Mag REO (Magnet Rare Earth Oxide) = $Nd_2O_3 + Pr_6O_{11} + Sm_2O_3 + Gd_2O_3 + Tb_4O_7 + Dy_2O_3 + Ho_2O_3$
HREO (Heavy Rare Earth Oxide) = $Eu_2O_3 + Gd_2O_3 + Tb_4O_7 + Dy_2O_3 + Ho_2O_3 + Er_2O_3 + Tm_2O_3 + Yb_2O_3 + Lu_2O_3 + Y_2O_3$
CREO (Critical Rare Earth Oxide) = $Nd_2O_3 + Eu_2O_3 + Tb_4O_7 + Dy_2O_3 + Y_2O_3$
% Mag REO = Mag REO / TREO
% Heavy REO = Heavy REO / TREO
% Critical REO = Critical REO / TREO

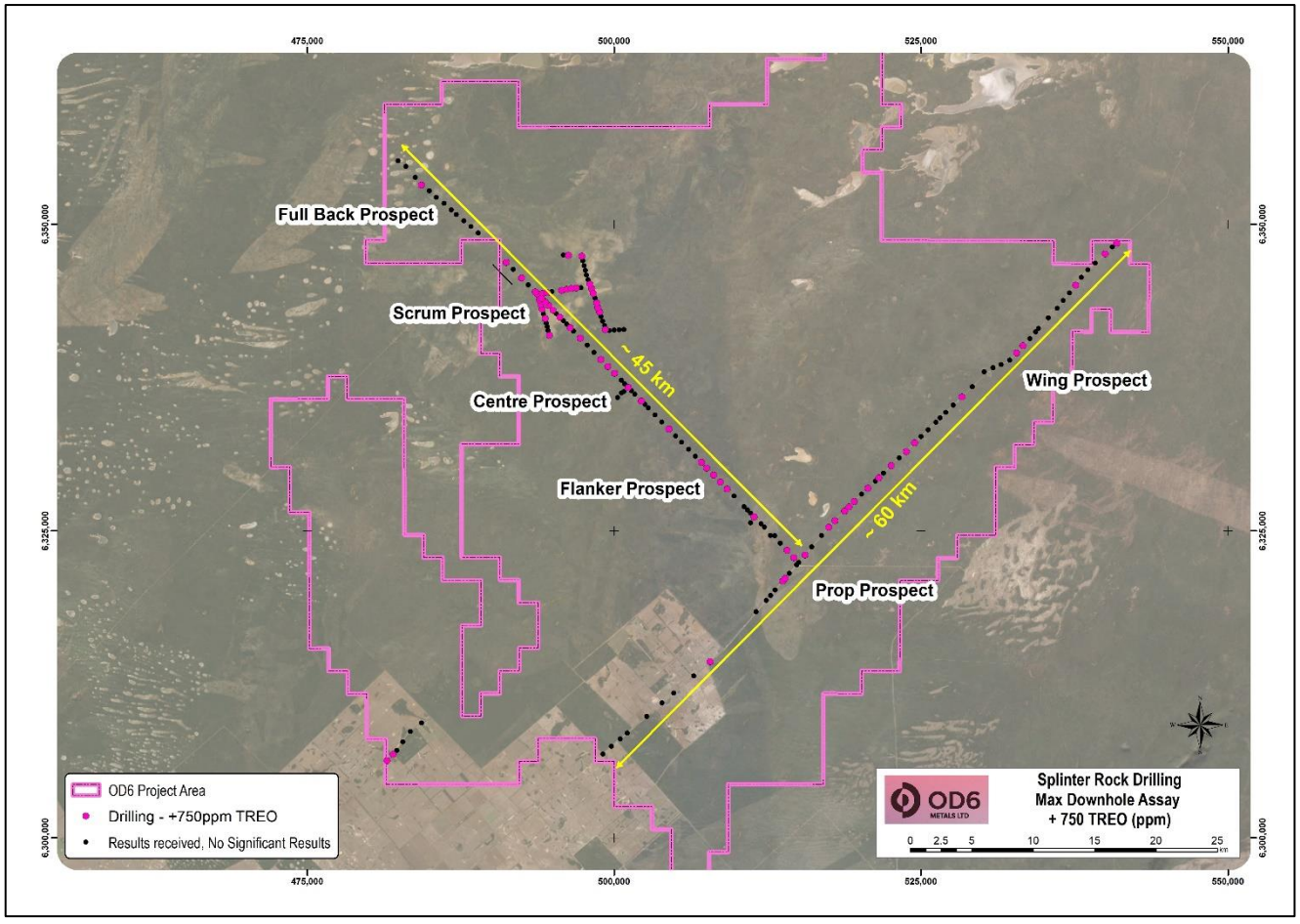


Figure 4 Drill locations highlighting holes with assays greater than 750ppm cut-off grade

Significant High Grade REO Intersections at 300ppm cut-off grade

Assays received from 60 of the 65 holes have returned significant TREO grades and thickness using a 300ppm cut-off grade with clay thickness intervals ranging up to 66m. Magnetic Rare Earth Oxides make up an average of 21.5%, with Critical Rare Earth Oxides averaging 24.1% plus Heavy Rare Earth Oxides averaging 11.7%.

Rare Earth Oxides Significant Intercepts >300ppm cut-off grade TREO (ordered by TREO grade)

Hole ID	From (m)	To (m)	Interval (m)	TREO (ppm)	% Mag REO (%)	% HREO (%)	% CREO (%)
SRAC0176	33	38	5	2490	22.0	27.8	36.2
SRAC0091	15	32	17	2162	25.0	12.3	27.6
SRAC0081	57	86	29	1842	20.7	13.3	25.6
SRAC0088	42	51	9	1795	11.1	4.6	10.4
SRAC0086	24	40	16	1499	24.0	12.5	26.6
SRAC0069	21	36	15	1455	23.6	9.8	24.0
SRAC0082	24	45	21	1273	23.4	11.4	25.5
SRAC0118	24	42	18	1215	22.6	22.9	32.7
SRAC0063	30	60	30	1203	21.0	9.1	20.8
SRAC0094	48	87	39	1171	24.1	22.1	34.1
SRAC0068	27	46	19	1069	16.7	5.1	16.4
SRAC0090	21	38	17	1064	21.7	9.0	21.8
SRAC0080	24	63	39	1060	22.0	13.4	27.4
SRAC0103	39	53	14	1046	18.5	5.2	20.8
SRAC0122	6	26	20	1030	21.3	7.8	21.3
SRAC0070	30	78	48	943	24.4	10.3	25.7
SRAC0096	24	30	6	936	24.0	14.2	28.0
SRAC0087	21	44	23	897	23.3	10.1	24.3
SRAC0184	63	78	15	883	20.2	9.6	21.4
SRAC0073	27	48	21	858	23.4	12.3	26.3
SRAC0076	15	23	8	836	22.5	5.6	20.7
SRAC0070	84	96	12	814	21.6	8.9	22.2
SRAC0152	3	57	54	762	21.7	22.6	32.2
SRAC0142	48	54	6	749	6.9	4.4	7.6
SRAC0123	0	22	22	741	22.1	9.8	22.7
SRAC0071	33	57	24	690	24.7	7.9	26.5
SRAC0074	27	36	9	684	19.0	8.0	20.1
SRAC0175	27	46	19	667	24.0	10.6	26.7
SRAC0055	9	17	8	661	16.1	5.1	15.3
SRAC0176	18	21	3	650	24.5	8.5	23.8
SRAC0101	21	48	27	650	23.2	9.2	23.2
SRAC0048	30	44	14	649	16.7	5.6	18.0
SRAC0081	45	51	6	647	16.3	20.0	26.4
SRAC0178	42	44	2	640	26.4	35.1	42.6

Hole ID	From (m)	To (m)	Interval (m)	TREO (ppm)	% Mag REO (%)	% HREO (%)	% CREO (%)
SRAC0141	42	108	66	607	20.7	16.2	26.2
SRAC0142	60	75	15	603	17.4	8.7	20.3
SRAC0188	60	80	20	599	19.2	17.4	25.7
SRAC0136	15	21	6	596	21.1	10.6	22.8
SRAC0060	30	45	15	581	20.4	8.7	21.2
SRAC0102	48	63	15	578	18.0	6.8	17.5
SRAC0113	24	30	6	569	21.3	15.2	26.9
SRAC0107	33	55	22	562	21.2	8.8	21.6
SRAC0177	0	3	3	548	20.7	23.5	31.3
SRAC0188	24	27	3	524	12.5	4.2	11.8
SRAC0178	12	15	3	504	20.0	10.6	21.7
SRAC0061	18	20	2	495	15.4	6.5	15.2
SRAC0132	36	40	4	481	22.7	10.1	23.3
SRAC0142	36	42	6	474	22.1	11.4	23.1
SRAC0117	15	30	15	462	26.2	21.8	33.9
SRAC0115	18	38	20	453	21.7	16.1	27.2
SRAC0140	27	40	13	448	20.5	8.9	21.1
SRAC0190	66	70	4	436	6.4	8.1	11.5
SRAC0138	33	40	7	426	21.0	8.9	21.5
SRAC0141	15	36	21	426	21.9	10.1	23.0
SRAC0112	30	39	9	424	22.9	15.0	26.7
SRAC0135	24	30	6	410	21.1	10.3	22.4
SRAC0133	18	21	3	408	29.2	12.1	29.1
SRAC0134	27	42	15	404	21.0	9.6	21.7
SRAC0185	60	69	9	394	22.0	10.6	23.3
SRAC0117	3	6	3	390	24.4	20.9	32.5
SRAC0129	21	40	19	377	19.3	8.5	19.4
SRAC0185	78	80	2	372	22.6	11.0	23.7
SRAC0066	24	36	12	370	24.2	12.8	26.6
SRAC0139	15	18	3	353	22.9	15.3	27.4
SRAC0184	54	57	3	343	20.5	10.3	21.8
SRAC0137	15	18	3	332	23.1	26.5	35.7
SRAC0088	30	33	3	325	22.8	10.6	23.6
SRAC0142	27	30	3	324	15.0	10.2	18.1
SRAC0054	33	48	15	324	26.4	7.3	24.0
SRAC0185	18	21	3	324	16.4	7.7	17.3
SRAC0119	33	36	3	321	21.5	9.7	22.7
SRAC0099	21	30	9	320	28.2	20.2	34.4
SRAC0133	36	40	4	311	21.0	9.5	21.7
SRAC0115	0	3	3	309	26.6	28.1	40.3
SRAC0119	42	44	2	303	25.2	15.9	30.3

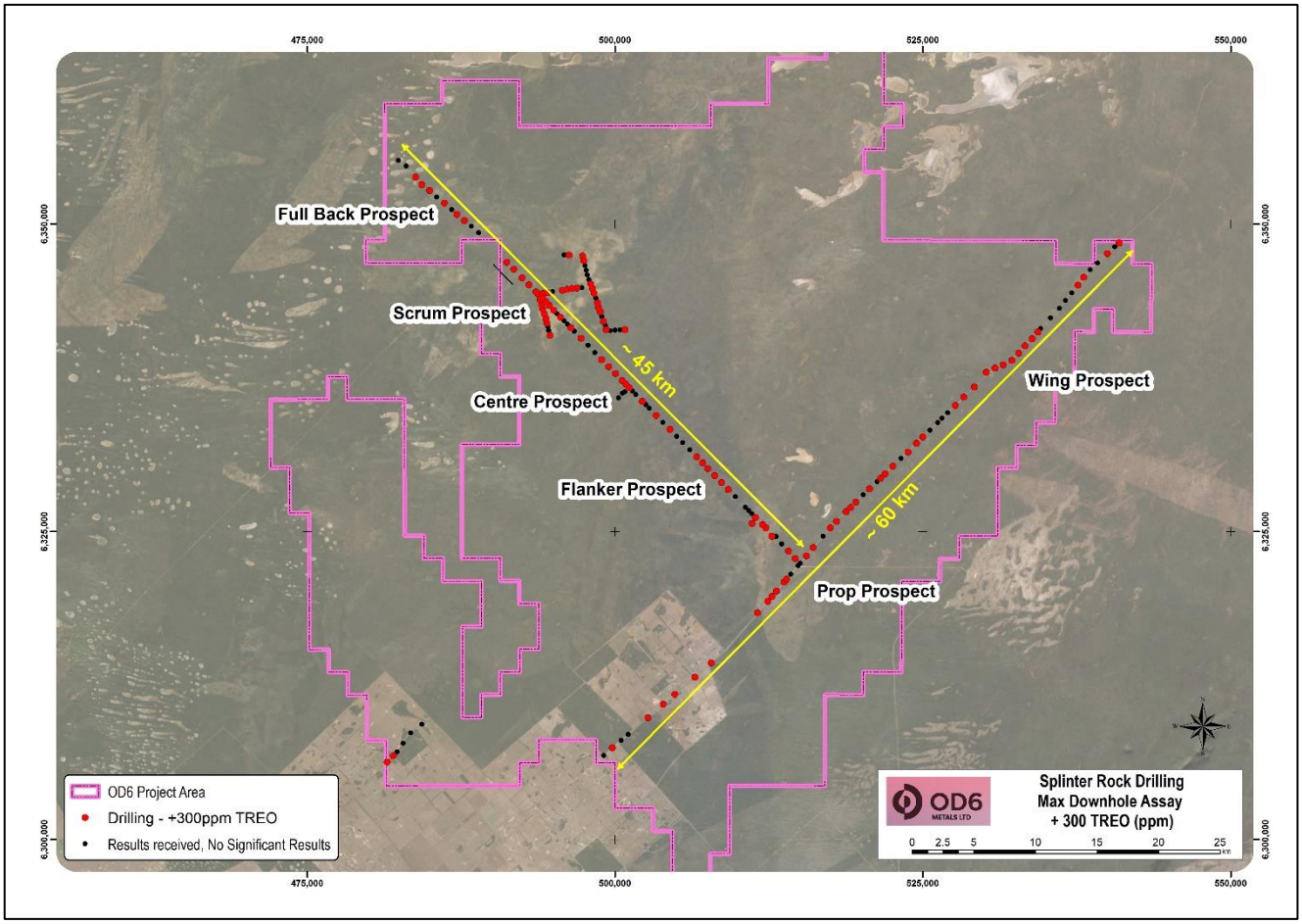


Figure 5 Drill locations highlighting holes with assays greater than 300ppm cut-off grade

Scrum Prospect Expanded Further

The Scrum Prospect extends across four significant drill line intercepts which are multidirectional inclusive of being parallel and perpendicular to each other. The Scrum prospect covers an area of approximately 6km x 4km currently with scope to expand these areas in a number of directions. Clay hosted rare earth are located in thick areas of the prospect and vary between 12 to 48m with TREO assay values up to 2,162ppm at a 300ppm cut off grade. The prospect is covered by a yellow sand, sand dune with thicknesses varying between approximately 15 to 35m above the clay hosted rare earth areas, as detailed in the following cross sections and 3D image.

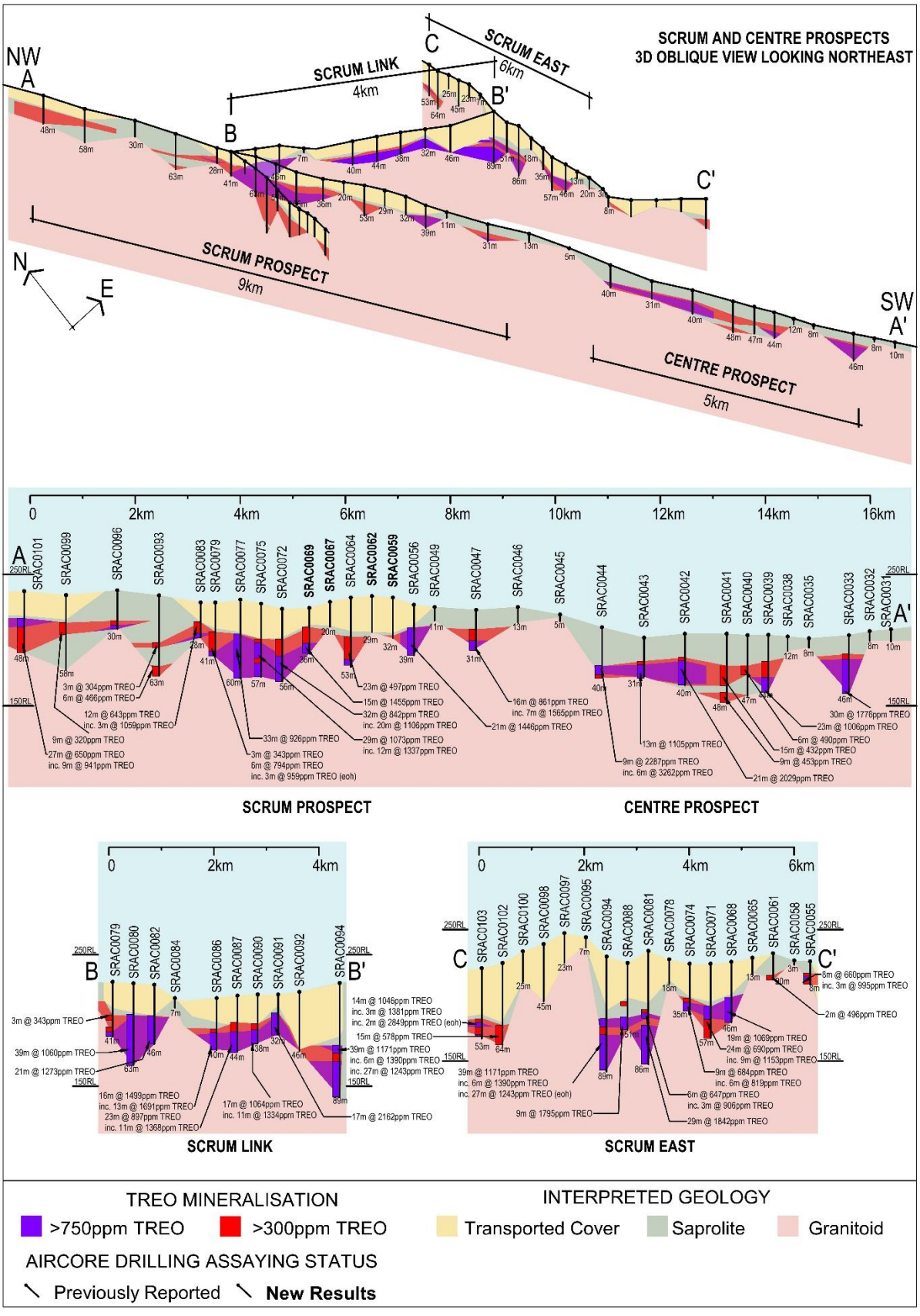


Figure 6 Top Image is a 3D view towards the north showing the various drill lines at the Scrum Prospect. Middle and bottom images are Scrum Prospect Cross Section (vertical exaggeration x20)

Prop Prospect Expanded Further

The Prop Prospect extends 5 km to the northwest-southeast and 13km along the northeast-southwest drill lines. Clay hosted rare earth are located in thick areas of the prospect and vary between 10 to 80m with TREO assay values up to 1400ppm at a 300ppm cut off grade. The prospect contains a variable amount of transported cover and saprolitic clays of approximately 0 to 30m above the clay hosted rare earth areas as detailed in the following cross section and 3D image.

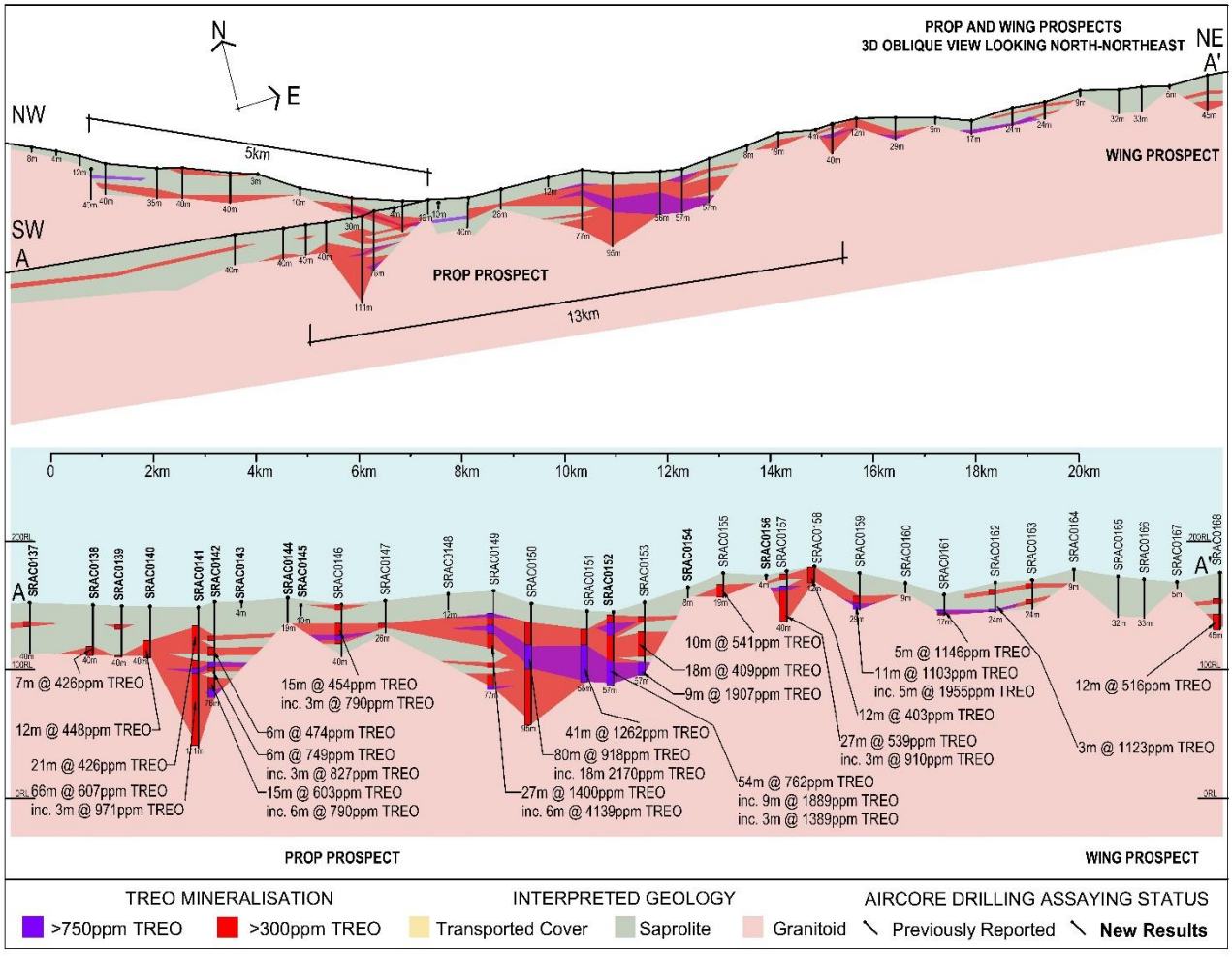


Figure 7 Top Image is a 3D towards the north showing the intersecting drill lines at the Prop Prospect. Bottom image is Prop and Wing Prospect Cross Section – NE-SW Parmango Road (vertical exaggeration x20)

Wing Prospect

The Wing Prospect extends for approximately 9 km along a northeast-southwest drill line as shown in Figures 3 and 7 above plus Figure 8 below. The prospect has intercepted clay hosted rare earth that vary between 5 to 21m with TREO assay values up to 2490ppm at a 300ppm cut off grade. The prospect contains a mix of shallow and deeper rare earth mineralised zones which sits on, or parallel to granite zones and as such provides a substantial area for future regional exploration drilling.

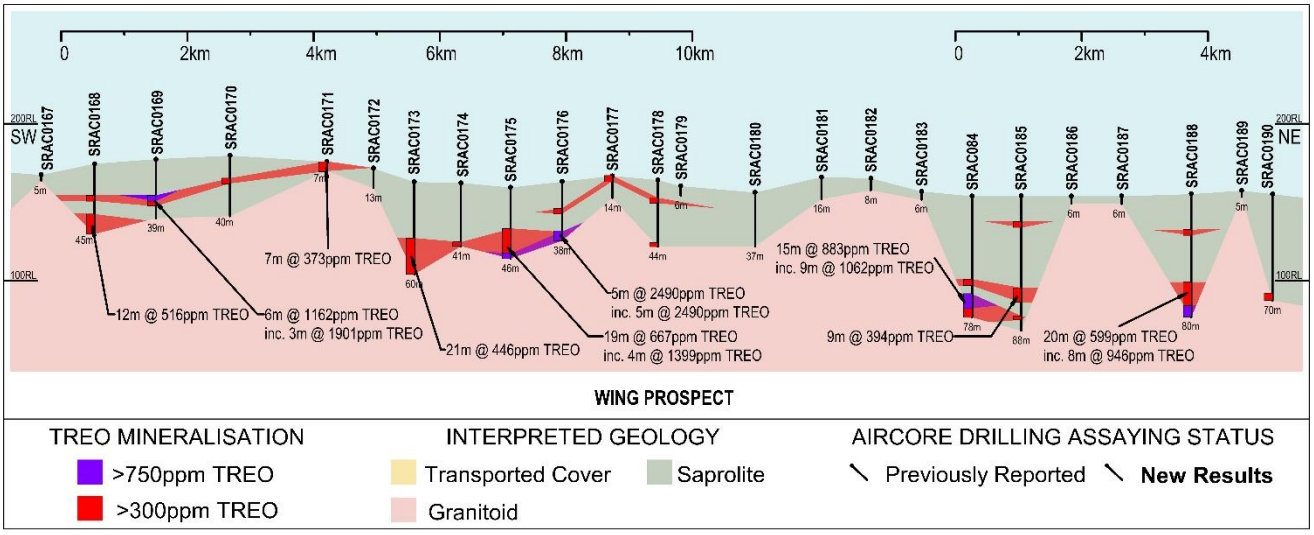


Figure 8 Wing Prospect Cross Section (vertical exaggeration x20)

Full Back Prospect

The Full Back Prospect extends for approximately 4.5km along a northwest-southeast drill line and terminates in an area of salt lakes. Clay hosted rare earth deposits are located in thick areas of the prospect and vary between 5 to 20m with TREO assay values up to 1215ppm at a 300ppm cut off grade. The prospect contains a moderate amount of transported cover and saprolitic clays of approximately 20m above the clay hosted rare earth areas as detailed in the following cross section.

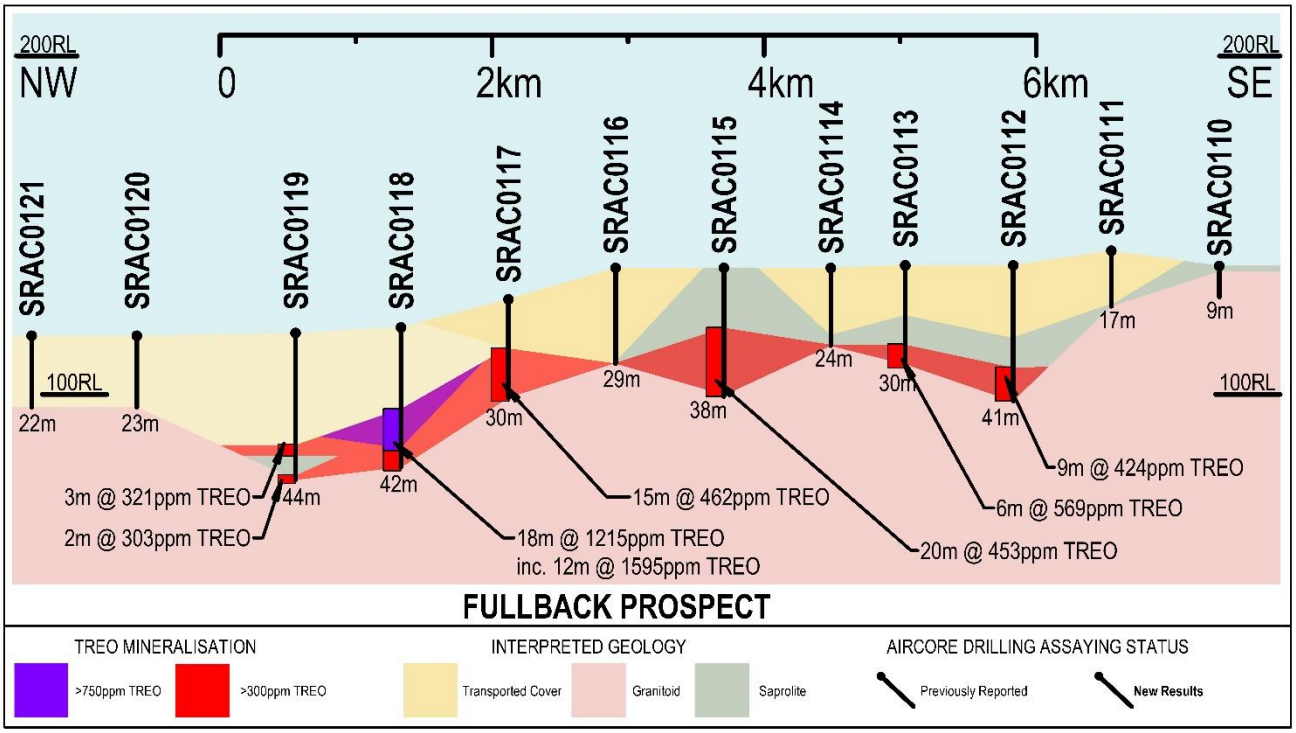


Figure 9 Full Back Prospect Cross Section (vertical exaggeration x20)

Completed drill Program

The Splinter Rock Project is a 2,579km2 tenement package located approximately 150km northeast of Esperance, Western Australia. The Splinter Rock clay-hosted REE mineralisation is currently inferred to be a mobilised weathering product of the REE enriched Booanya granite suite (as shown in pink in Figure 10 below). Based on historic work and compilation of target geology (as presented in the Company's prospectus dated 20 June 2022), the target area at Splinter Rock covers over 40 x 60km, making this one of the largest known clay-hosted REE target areas in Australia, equivalent to the area of the Australian Capital Territory.

The completed program comprised:

- 179 aircore holes
- 5,862m drilling
- Average depth of 32.7m
- Drill spacing between 200m, 400m and 800m
- Drilling along two perpendicular traverses plus an area of intense drilling near the geographic location of Splinter Rock totalling over 100km in length
- A small number of planned drill holes were not completed due to poor access conditions, or intersected silcrete layers in the near surface preventing drilling into lower saprolite.

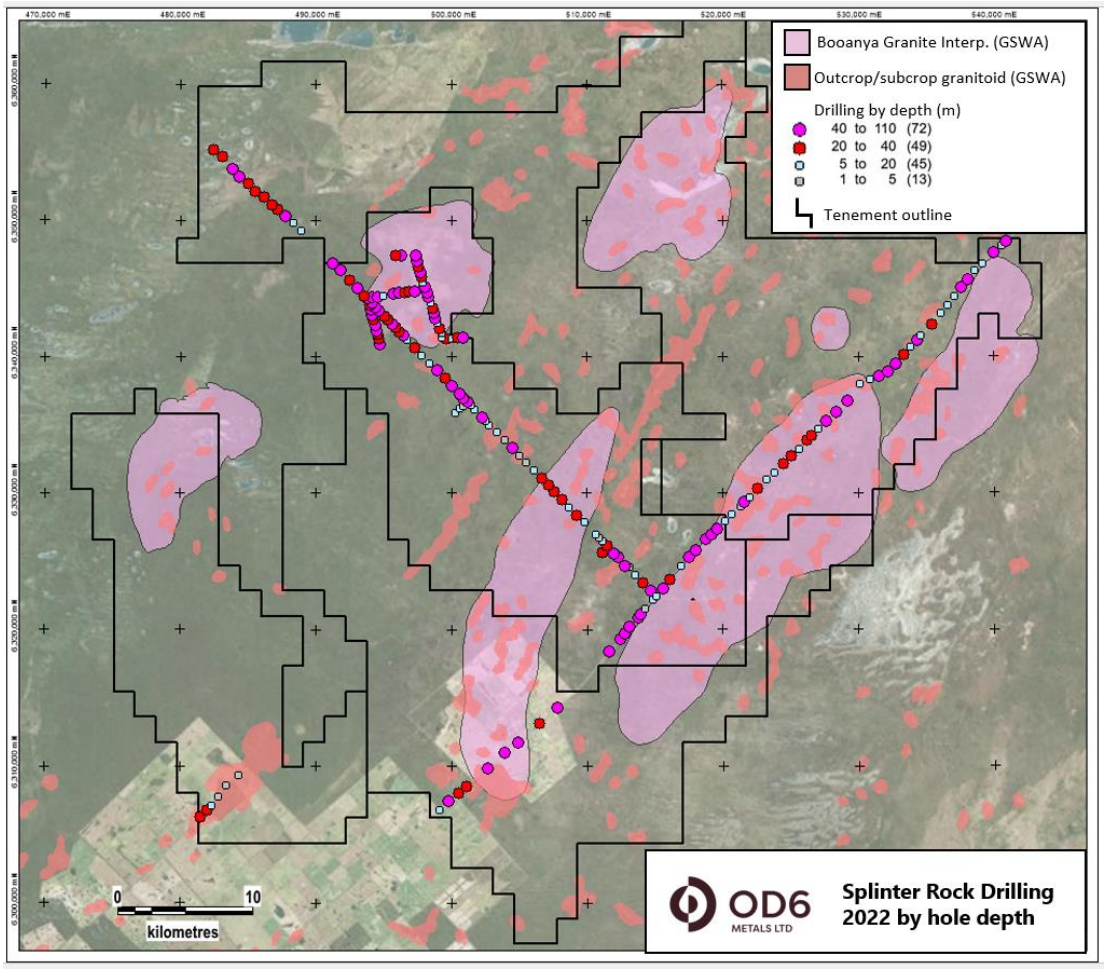


Figure 10 Splinter Rock Project (2,579km2) showing drill locations, depth of hole and location of granites

Assay timeline	The remaining, pending assay results (5 non-mineralised holes) are expected to be received in one lot over the coming weeks, concluding the Splinter Rock Project initial assaying program. The remaining assays are not expected to be material.
Next Steps	Completion of airborne electromagnetic survey and data analysis. Metallurgical sampling and testing at ANSTO. Mineralogy assessment at Murdoch University. Infill drilling planning on existing and new lines to expand prospect areas.

Competent Persons Statement

Information in this report relating to Exploration Results is based on information reviewed by Jeremy Peters, who is a Fellow of the Australasian Institute of Mining and Metallurgy and a Chartered Professional Geologist and Mining Engineer of that organisation. Mr Peters is an independent consultant of Burnt Shirt Pty Ltd and has sufficient experience which is relevant to the style of mineralisation and type of deposit under consideration and to the activity which he is undertaking to qualify as a Competent Person as defined by the 2012 Edition of the Australasian Code for reporting of Exploration Results, Mineral Resources and Ore Reserves. Mr Peters consents to the inclusion of the data in the form and context in which it appears.

Forward Looking Statements

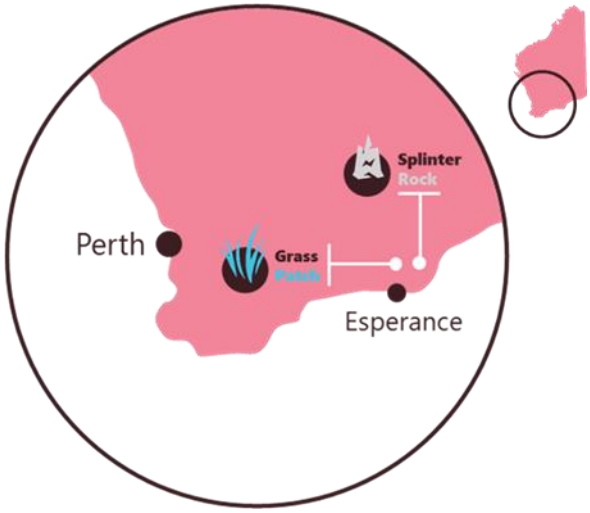
Certain information in this document refers to the intentions of OD6 Metals, however these are not intended to be forecasts, forward looking statements, or statements about the future matters for the purposes of the Corporations Act or any other applicable law. Statements regarding plans with respect to OD6 Metals projects are forward looking statements and can generally be identified by the use of words such as 'project', 'foresee', 'plan', 'expect', 'aim', 'intend', 'anticipate', 'believe', 'estimate', 'may', 'should', 'will' or similar expressions. There can be no assurance that the OD6 Metals plans for its projects will proceed as expected and there can be no assurance of future events which are subject to risk, uncertainties and other actions that may cause OD6 Metals actual results, performance, or achievements to differ from those referred to in this document. While the information contained in this document has been prepared in good faith, there can be given no assurance or guarantee that the occurrence of these events referred to in the document will occur as contemplated. Accordingly, to the maximum extent permitted by law, OD6 Metals and any of its affiliates and their directors, officers, employees, agents and advisors disclaim any liability whether direct or indirect, express or limited, contractual, tortuous, statutory or otherwise, in respect of, the accuracy, reliability or completeness of the information in this document, or likelihood of fulfilment of any forward-looking statement or any event or results expressed or implied in any forward-looking statement; and do not make any representation or warranty, express or implied, as to the accuracy, reliability or completeness of the information in this document, or likelihood of fulfilment of any forward-looking statement or any event or results expressed or implied in any forward-looking statement; and disclaim all responsibility and liability for these forward-looking statements (including, without limitation, liability for negligence).

This announcement has been authorised for release by the Board of OD6 Metals Limited

About OD6 Metals

OD6 Metals is an Australian public company with a purpose to pursue exploration and development opportunities within the resources sector. The Company holds a 100% interest in the Splinter Rock Project and Grass Patch Project, which are located in the Goldfields-Esperance region of Western Australia, about 30 to 150km north of the major port and town of Esperance.

The projects are considered prospective for clay-hosted rare earth elements (REEs), with the Company's aim of delineating and defining economic resources and reserves to develop into a future revenue generating operational mine. Clay REE deposits are currently economically extracted in China, which is the dominant world producer of REEs.



Rare earth elements (in particular, Nd and Pr), are becoming increasingly important in the global economy, with uses including advanced electronics, permanent magnets in electric motors and electricity generators (such as wind turbines) and battery technologies.

Corporate Directory

Managing Director	Mr Brett Hazelden
Non-Executive Chairman	Dr Darren Holden
Non-Executive Director	Mr Piers Lewis
Non-Executive Director	Dr Mitch Loan
Financial Controller/ Joint Company Secretary	Mr Troy Cavanagh
Joint Company Secretary	Mr Joel Ives
Exploration Manager	Tim Jones

Contact

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Rare Earth Oxides "REO": all significant intercepts >300ppm TREO with "Incl." indicating zones >750ppm TREO

Hole ID	From (m)	To (m)	Interval (m)	TREO (ppm)	HREO (ppm)	CREO (ppm)	Mag REO (ppm)	Nd+Pr REO (ppm)	Sc_2O_3 (ppm)
SRAC0048	30	44	14	649	36	117	125	120	9
Inc.	39	44	5	920	67	234	254	246	7
SRAC0054	33	48	15	324	24	78	86	82	7
SRAC0055	9	17	8	661	34	101	112	107	9
Inc.	12	15	3	995	49	158	180	172	12
SRAC0060	30	45	15	581	51	123	118	113	10
SRAC0061	18	20	2	495	32	75	76	72	10
SRAC0063	30	60	30	1203	110	250	232	219	10
Inc.	30	48	18	1510	133	299	276	261	9
Inc.	54	60	6	909	72	197	195	188	13
SRAC0066	24	36	12	370	48	98	89	83	16
SRAC0068	27	46	19	1069	55	175	190	183	17
SRAC0069	21	36	15	1455	143	349	339	319	26
SRAC0070	30	78	48	943	97	242	237	225	15
Inc.	36	63	27	1188	125	315	308	292	17
Inc.	72	78	6	1124	107	273	265	252	16
SRAC0070	84	96	12	814	72	181	177	168	11
Inc.	87	93	6	1123	90	245	246	236	13
SRAC0071	33	57	24	690	55	183	197	191	6
Inc.	33	42	9	1153	104	357	388	376	5
SRAC0073	27	48	21	858	106	226	203	190	30
Inc.	36	48	12	1075	141	293	256	240	35
SRAC0074	27	36	9	684	55	138	140	132	9
Inc.	30	36	6	820	71	179	182	172	9
SRAC0076	15	23	8	836	47	173	190	183	27
SRAC0080	24	63	39	1060	142	291	254	237	40
SRAC0081	57	86	29	1842	244	471	407	375	15
SRAC0081	45	51	6	647	129	171	94	84	13
SRAC0082	24	45	21	1273	146	324	298	280	41
SRAC0086	24	40	16	1499	187	398	361	337	41
Inc.	27	40	13	1691	213	452	408	380	45
SRAC0087	21	44	23	897	90	218	210	198	24
Inc.	33	44	11	1368	145	339	320	302	36
SRAC0088	42	51	9	1795	82	186	181	171	14
SRAC0088	30	33	3	325	35	77	74	69	16
SRAC0090	21	38	17	1064	96	232	227	214	20
Inc.	27	38	11	1334	114	283	279	264	20
SRAC0091	15	32	17	2162	266	596	554	520	42
SRAC0094	48	87	39	1171	259	399	284	252	9
Inc.	48	54	6	1390	185	326	251	232	5

Hole ID	From (m)	To (m)	Interval (m)	TREO (ppm)	HREO (ppm)	CREO (ppm)	Mag REO (ppm)	Nd+Pr REO (ppm)	Sc_2O_3 (ppm)
Inc.	60	87	27	1243	311	467	326	287	10
SRAC0096	24	30	6	936	133	262	242	223	11
Inc.	27	30	3	1556	224	448	417	384	11
SRAC0099	21	30	9	320	64	110	91	81	86
SRAC0101	21	48	27	650	60	151	150	141	15
Inc.	21	27	6	941	54	187	205	197	10
SRAC0102	48	63	15	578	39	101	104	99	5
SRAC0103	39	53	14	1046	54	218	243	236	11
Inc.	42	45	3	1381	90	344	378	366	11
SRAC0107	33	55	22	562	50	121	119	113	12
Inc.	39	42	3	807	86	195	186	174	21
SRAC0112	30	39	9	424	63	113	97	89	14
SRAC0113	24	30	6	569	86	153	120	111	18
SRAC0115	18	38	20	453	73	123	98	89	19
SRAC0115	0	3	3	309	87	124	82	73	14
SRAC0117	15	30	15	462	101	157	121	108	12
SRAC0117	3	6	3	390	81	127	95	85	14
SRAC0118	24	42	18	1215	278	398	281	245	76
Inc.	24	36	12	1595	332	499	370	327	79
SRAC0119	33	36	3	321	31	73	69	65	10
SRAC0119	42	44	2	303	48	92	76	71	21
SRAC0122	6	26	20	1030	81	219	221	210	13
SRAC0123	0	22	22	741	73	169	163	153	14
Inc.	15	21	6	1098	92	237	236	225	11
Inc.	6	9	3	1036	81	216	222	212	16
SRAC0129	21	40	19	377	32	73	73	68	12
SRAC0132	36	40	4	481	49	112	108	101	12
SRAC0133	18	21	3	408	49	119	119	111	11
SRAC0133	36	40	4	311	30	68	65	61	13
SRAC0134	27	42	15	404	39	88	85	80	15
SRAC0135	24	30	6	410	42	92	87	81	5
SRAC0136	15	21	6	596	63	136	126	118	14
Inc.	18	21	3	760	68	167	160	152	6
SRAC0137	15	18	3	332	88	119	77	67	9
SRAC0138	33	40	7	426	38	92	90	84	14
SRAC0139	15	18	3	353	54	97	81	74	19
SRAC0140	27	40	13	448	40	95	93	87	13
SRAC0141	42	108	66	607	98	159	125	112	13
Inc.	48	51	3	971	174	279	214	191	14
SRAC0141	15	36	21	426	43	98	94	88	13
SRAC0142	48	54	6	749	33	57	50	45	54
Inc.	48	51	3	827	33	52	43	38	48
SRAC0142	60	75	15	603	53	122	121	113	9

Hole ID	From (m)	To (m)	Interval (m)	TREO (ppm)	HREO (ppm)	CREO (ppm)	Mag REO (ppm)	Nd+Pr REO (ppm)	Sc_2O_3 (ppm)
Inc.	69	75	6	790	91	232	235	222	5
SRAC0142	36	42	6	474	54	109	102	93	13
SRAC0142	27	30	3	324	33	59	49	45	8
SRAC0152	3	57	54	762	172	245	167	147	18
Inc.	9	18	9	1889	388	583	408	366	18
Inc.	39	42	3	1389	552	626	338	271	24
SRAC0175	27	46	19	667	71	178	180	169	10
Inc.	42	46	4	1399	205	477	462	431	8
SRAC0176	33	38	5	2490	693	901	549	474	37
SRAC0176	18	21	3	650	56	154	159	151	9
Inc.	33	38	5	2490	693	901	549	474	37
SRAC0177	0	3	3	548	129	172	113	99	21
SRAC0178	42	44	2	640	224	273	169	139	137
SRAC0178	12	15	3	504	53	110	101	93	10
SRAC0184	63	78	15	883	85	189	180	168	26
Inc.	63	72	9	1062	70	204	216	205	27
SRAC0184	54	57	3	343	35	75	70	65	13
SRAC0185	60	69	9	394	42	92	88	83	14
SRAC0185	78	80	2	372	41	88	84	78	31
SRAC0185	18	21	3	324	25	56	53	50	7
SRAC0188	60	80	20	599	105	154	113	100	8
Inc.	72	80	8	946	187	258	176	154	7
SRAC0188	24	27	3	524	22	62	65	62	16
SRAC0190	66	70	4	436	35	50	35	31	9

Note:

TREO (Total Rare Earth Oxide) = $La_2O_3 + CeO_2 + Pr_6O_{11} + Nd_2O_3 + Sm_2O_3 + Eu_2O_3 + Gd_2O_3 + Tb_4O_7 + Dy_2O_3 + Ho_2O_3 + Er_2O_3 + Tm_2O_3 + Yb_2O_3 + Lu_2O_3 + Y_2O_3$

Mag REO (Magnet Rare Earth Oxide) = $Nd_2O_3 + Pr_6O_{11} + Sm_2O_3 + Gd_2O_3 + Tb_4O_7 + Dy_2O_3 + Ho_2O_3$

HREO (Heavy Rare Earth Oxide) = $Eu_2O_3 + Gd_2O_3 + Tb_4O_7 + Dy_2O_3 + Ho_2O_3 + Er_2O_3 + Tm_2O_3 + Yb_2O_3 + Lu_2O_3 + Y_2O_3$

CREO (Critical Rare Earth Oxide) = $Nd_2O_3 + Eu_2O_3 + Tb_4O_7 + Dy_2O_3 + Y_2O_3$

% Mag REO = Mag REO / TREO

% Heavy REO = Heavy REO / TREO

% Critical REO = Critical REO / TREO

Drilling Data (MGA94 Zone 51)

Hole ID	Type	Easting	Northing	RL (m)	Dip (degrees)	End of Hole (m)	Assay Status
SRAC0001	Aircore	514654	6322831	148.6	-90	40	Reported previously
SRAC0002	Aircore	514097	6323405	148.4	-90	30	Reported previously
SRAC0003	Aircore	513537	6323977	155.4	-90	10	No significant intercepts
SRAC0004	Aircore	513108	6324610	168.9	-90	3	No significant intercepts
SRAC0005	Aircore	512744	6324620	170.3	-90	40	Reported previously
SRAC0006	Aircore	512256	6325294	170.5	-90	40	Reported previously
SRAC0007	Aircore	511976	6325580	166.7	-90	39	Reported previously
SRAC0008	Aircore	511133	6325653	166.6	-90	40	Reported previously
SRAC0011	Aircore	511417	6326153	168.3	-90	40	Reported previously
SRAC0012	Aircore	511135	6326440	175.2	-90	12	No significant intercepts
SRAC0013	Aircore	510889	6326694	179.8	-90	4	No significant intercepts
SRAC0015	Aircore	510608	6326979	182.1	-90	8	Pending
SRAC0018	Aircore	509773	6327840	187.8	-90	8	Pending
SRAC0019	Aircore	509214	6328412	188.6	-90	36	Reported previously
SRAC0020	Aircore	508656	6328986	182.5	-90	19	Reported previously
SRAC0021	Aircore	508100	6329561	178.8	-90	40	Reported previously
SRAC0022	Aircore	507541	6330133	175.6	-90	36	Reported previously
SRAC0023	Aircore	507103	6330585	173.2	-90	35	Reported previously
SRAC0024	Aircore	506627	6331075	175.9	-90	31	Reported previously
SRAC0025	Aircore	506067	6331647	185.7	-90	5	No significant intercepts
SRAC0026	Aircore	505507	6332218	195.4	-90	6	Not assayed
SRAC0027	Aircore	505018	6332733	197.5	-90	3	No significant intercepts
SRAC0028	Aircore	504457	6333303	197.8	-90	52	Reported previously
SRAC0029	Aircore	503897	6333874	201.6	-90	2	No significant intercepts
SRAC0030	Aircore	503345	6334444	214.3	-90	12	Reported previously
SRAC0031	Aircore	502786	6335016	210.7	-90	10	No significant intercepts
SRAC0032	Aircore	502508	6335304	209.1	-90	8	No significant intercepts
SRAC0033	Aircore	502230	6335591	206.2	-90	46	Reported previously
SRAC0034	Aircore	500301	6335852	210.2	-90	8	No significant intercepts
SRAC0035	Aircore	501691	6336146	203.8	-90	8	No significant intercepts
SRAC0036	Aircore	500605	6336247	208.3	-90	12	No significant intercepts
SRAC0037	Aircore	500808	6336347	207.0	-90	1	Not assayed
SRAC0038	Aircore	501411	6336431	205.4	-90	12	No significant intercepts
SRAC0039	Aircore	501155	6336696	206.4	-90	44	Reported previously
SRAC0040	Aircore	500874	6336983	206.2	-90	47	Reported previously
SRAC0041	Aircore	500595	6337270	207.1	-90	54	Reported previously
SRAC0042	Aircore	500036	6337842	207.3	-90	40	Reported previously
SRAC0043	Aircore	499486	6338407	204.3	-90	31	Reported previously
SRAC0044	Aircore	498927	6338980	212.4	-90	40	Reported previously
SRAC0045	Aircore	498368	6339552	222.2	-90	5	No significant intercepts
SRAC0046	Aircore	497813	6340128	228.2	-90	13	No significant intercepts

Hole ID	Type	Easting	Northing	RL (m)	Dip (degrees)	End of Hole (m)	Assay Status
SRAC0047	Aircore	497254	6340700	225.6	-90	31	Reported previously
SRAC0048	Aircore	494735	6340935	227.2	-90	44	Reported
SRAC0049	Aircore	496697	6341274	227.7	-90	11	No significant intercepts
SRAC0050	Aircore	494628	6341318	231.0	-90	34	No significant intercepts
SRAC0051	Aircore	499615	6341327	221.5	-90	31	No significant intercepts
SRAC0052	Aircore	500014	6341356	217.1	-90	12	No significant intercepts
SRAC0053	Aircore	500412	6341386	214.1	-90	22	No significant intercepts
SRAC0054	Aircore	500810	6341402	209.0	-90	51	Reported
SRAC0055	Aircore	499269	6341403	226.8	-90	17	Reported
SRAC0056	Aircore	496417	6341560	229.5	-90	39	Reported previously
SRAC0057	Aircore	494562	6341649	228.0	-90	34	No significant intercepts
SRAC0058	Aircore	499232	6341718	227.3	-90	3	Not assayed
SRAC0059	Aircore	496138	6341847	235.2	-90	32	Pending
SRAC0060	Aircore	494475	6341935	223.9	-90	45	Reported
SRAC0061	Aircore	499074	6342085	232.8	-90	20	Reported
SRAC0062	Aircore	495861	6342135	236.2	-90	29	No significant intercepts
SRAC0063	Aircore	494385	6342319	220.4	-90	60	Reported
SRAC0064	Aircore	495583	6342422	235.0	-90	53	Reported previously
SRAC0065	Aircore	498941	6342458	229.4	-90	13	No significant intercepts
SRAC0066	Aircore	494250	6342692	229.1	-90	37	Reported
SRAC0067	Aircore	495302	6342707	231.6	-90	20	No significant intercepts
SRAC0068	Aircore	498814	6342837	226.1	-90	46	Reported
SRAC0069	Aircore	495022	6342993	227.2	-90	36	Reported
SRAC0070	Aircore	494143	6343077	234.1	-90	96	Reported
SRAC0071	Aircore	498663	6343206	224.9	-90	57	Reported
SRAC0072	Aircore	494659	6343366	226.4	-90	56	Reported previously
SRAC0073	Aircore	494019	6343456	234.1	-90	48	Reported
SRAC0074	Aircore	498574	6343594	225.1	-90	36	Reported
SRAC0075	Aircore	494379	6343652	230.4	-90	57	Reported previously
SRAC0076	Aircore	493923	6343845	232.6	-90	23	Reported
SRAC0077	Aircore	494103	6343941	233.6	-90	60	Reported previously
SRAC0078	Aircore	498448	6343973	228.3	-90	18	No significant intercepts
SRAC0079	Aircore	493769	6344282	231.5	-90	41	Reported previously
SRAC0080	Aircore	494158	6344343	230.4	-90	63	Reported
SRAC0081	Aircore	498310	6344348	234.6	-90	86	Reported
SRAC0082	Aircore	494550	6344422	229.2	-90	46	Reported
SRAC0083	Aircore	493576	6344481	231.3	-90	28	Reported previously
SRAC0084	Aircore	494944	6344493	219.0	-90	7	Not assayed
SRAC0086	Aircore	495733	6344602	219.1	-90	40	Reported
SRAC0087	Aircore	496123	6344681	221.2	-90	44	Reported
SRAC0088	Aircore	498184	6344725	225.6	-90	51	Reported
SRAC0090	Aircore	496510	6344755	221.8	-90	38	Reported

Hole ID	Type	Easting	Northing	RL (m)	Dip (degrees)	End of Hole (m)	Assay Status
SRAC0091	Aircore	496905	6344791	222.3	-90	32	Reported
SRAC0092	Aircore	497305	6344810	224.0	-90	46	No significant intercepts
SRAC0093	Aircore	493018	6345055	236.8	-90	63	Reported previously
SRAC0094	Aircore	498040	6345102	230.6	-90	89	Reported
SRAC0095	Aircore	497889	6345471	245.5	-90	7	No significant intercepts
SRAC0096	Aircore	492460	6345627	240.6	-90	30	Reported
SRAC0097	Aircore	497765	6345851	248.6	-90	23	No significant intercepts
SRAC0098	Aircore	497669	6346239	240.1	-90	45	No significant intercepts
SRAC0099	Aircore	491777	6346326	236.9	-90	58	Reported
SRAC0100	Aircore	497566	6346624	234.6	-90	25	No significant intercepts
SRAC0101	Aircore	491216	6346897	239.9	-90	48	Reported
SRAC0102	Aircore	497452	6347008	225.5	-90	64	Reported
SRAC0103	Aircore	497372	6347399	221.7	-90	53	Reported
SRAC0107	Aircore	496263	6347464	230.4	-90	55	Reported
SRAC0108	Aircore	495867	6347481	234.4	-90	22	No significant intercepts
SRAC0110	Aircore	488929	6349288	239.1	-90	9	No significant intercepts
SRAC0111	Aircore	488334	6349821	244.1	-90	17	No significant intercepts
SRAC0112	Aircore	487772	6350287	239.5	-90	41	Reported
SRAC0113	Aircore	487156	6350793	239.5	-90	30	Reported
SRAC0114	Aircore	486746	6351157	239.0	-90	24	No significant intercepts
SRAC0115	Aircore	486161	6351688	238.7	-90	38	Reported
SRAC0116	Aircore	485528	6352177	239.0	-90	29	No significant intercepts
SRAC0117	Aircore	484947	6352719	229.8	-90	30	Reported
SRAC0118	Aircore	484301	6353188	221.4	-90	42	Reported
SRAC0119	Aircore	483811	6353805	219.6	-90	44	Reported
SRAC0120	Aircore	483036	6354697	219.4	-90	23	No significant intercepts
SRAC0121	Aircore	482409	6355159	218.9	-90	22	No significant intercepts
SRAC0122	Aircore	481494	6306272	197.6	-90	26	Reported
SRAC0123	Aircore	481994	6306788	191.5	-90	22	Reported
SRAC0124	Aircore	482294	6307105	195.4	-90	13	No significant intercepts
SRAC0125	Aircore	482798	6307789	201.5	-90	2	Not assayed
SRAC0126	Aircore	483400	6308631	199.7	-90	2	Not assayed
SRAC0127	Aircore	484322	6309329	196.3	-90	2	Not assayed
SRAC0128	Aircore	499081	6306804	152.4	-90	6	No significant intercepts
SRAC0129	Aircore	499796	6307424	157.2	-90	40	Reported
SRAC0130	Aircore	500516	6308034	167.6	-90	27	No significant intercepts
SRAC0131	Aircore	501078	6308520	173.5	-90	27	No significant intercepts
SRAC0132	Aircore	502666	6309871	169.1	-90	40	Reported
SRAC0133	Aircore	503925	6310976	161.6	-90	40	Reported
SRAC0134	Aircore	504859	6311766	149.6	-90	42	Reported
SRAC0135	Aircore	506496	6313172	152.1	-90	30	Reported
SRAC0136	Aircore	507821	6314324	147.6	-90	40	Reported

Hole ID	Type	Easting	Northing	RL (m)	Dip (degrees)	End of Hole (m)	Assay Status
SRAC0137	Aircore	511578	6318400	152.0	-90	40	Reported
SRAC0138	Aircore	512396	6319328	150.6	-90	40	Reported
SRAC0139	Aircore	512769	6319741	149.8	-90	40	Reported
SRAC0140	Aircore	513128	6320172	149.4	-90	40	Reported
SRAC0141	Aircore	513737	6320889	148.6	-90	111	Reported
SRAC0142	Aircore	513951	6321139	153.2	-90	76	Reported
SRAC0143	Aircore	514286	6321537	152.8	-90	4	Not assayed
SRAC0144	Aircore	514870	6322225	156.1	-90	19	No significant intercepts
SRAC0145	Aircore	515045	6322423	150.6	-90	10	No significant intercepts
SRAC0146	Aircore	515551	6323024	150.6	-90	40	Reported previously
SRAC0147	Aircore	516107	6323680	153.8	-90	26	Reported previously
SRAC0148	Aircore	516916	6324615	159.1	-90	12	No significant intercepts
SRAC0149	Aircore	517485	6325298	161.8	-90	77	Reported previously
SRAC0150	Aircore	517999	6325835	151.7	-90	95	Reported previously
SRAC0151	Aircore	518765	6326608	145.9	-90	56	Reported previously
SRAC0152	Aircore	519126	6326958	145.2	-90	57	Reported
SRAC0153	Aircore	519564	6327391	152.7	-90	57	Reported previously
SRAC0154	Aircore	520179	6327977	164.5	-90	8	Pending
SRAC0155	Aircore	520679	6328464	175.3	-90	19	Reported previously
SRAC0156	Aircore	521287	6329037	173.7	-90	4	No significant intercepts
SRAC0157	Aircore	521560	6329326	177.1	-90	40	Reported previously
SRAC0158	Aircore	521948	6329703	180.2	-90	12	Reported previously
SRAC0159	Aircore	522586	6330321	175.3	-90	29	Reported previously
SRAC0160	Aircore	523231	6330951	168.0	-90	9	No significant intercepts
SRAC0161	Aircore	523804	6331449	158.5	-90	17	Reported previously
SRAC0162	Aircore	524486	6332174	168.1	-90	24	Reported previously
SRAC0163	Aircore	525010	6332681	170.3	-90	24	Reported previously
SRAC0164	Aircore	525590	6333243	178.4	-90	9	No significant intercepts
SRAC0165	Aircore	526215	6333849	172.8	-90	32	No significant intercepts
SRAC0166	Aircore	526574	6334204	172.6	-90	33	No significant intercepts
SRAC0167	Aircore	527036	6334662	168.7	-90	5	No significant intercepts
SRAC0168	Aircore	527644	6335242	176.0	-90	45	Reported previously
SRAC0169	Aircore	528342	6335925	178.6	-90	39	Reported previously
SRAC0170	Aircore	529190	6336745	181.1	-90	40	Reported previously
SRAC0171	Aircore	530156	6337959	177.0	-90	7	Reported previously
SRAC0172	Aircore	530876	6338290	172.7	-90	13	No significant intercepts
SRAC0173	Aircore	531540	6338548	163.9	-90	60	Reported previously
SRAC0174	Aircore	532232	6338911	163.8	-90	41	Reported
SRAC0175	Aircore	532777	6339496	161.1	-90	46	Reported
SRAC0176	Aircore	533318	6340087	164.6	-90	38	Reported
SRAC0177	Aircore	533882	6340665	167.7	-90	14	Reported
SRAC0178	Aircore	534347	6341212	165.8	-90	44	Reported

Hole ID	Type	Easting	Northing	RL (m)	Dip (degrees)	End of Hole (m)	Assay Status
SRAC0179	Aircore	534595	6341484	161.7	-90	6	Not assayed
SRAC0180	Aircore	535398	6342356	158.1	-90	37	No significant intercepts
SRAC0181	Aircore	536103	6343145	166.8	-90	16	No significant intercepts
SRAC0182	Aircore	536606	6343770	166.4	-90	8	Not assayed
SRAC0183	Aircore	537107	6344402	158.3	-90	6	Not assayed
SRAC0184	Aircore	537607	6345034	155.4	-90	78	Reported
SRAC0185	Aircore	538089	6345672	156.2	-90	88	Reported
SRAC0186	Aircore	538607	6346275	155.5	-90	6	Not assayed
SRAC0187	Aircore	539196	6346817	156.2	-90	6	Not assayed
SRAC0188	Aircore	539995	6347587	157.1	-90	80	Reported
SRAC0189	Aircore	540589	6348129	159.3	-90	5	Not assayed
SRAC0190	Aircore	540957	6348449	157.5	-90	70	Reported

All REO Drill Results > 300 ppm TREO

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)	Y_2O_3 (ppm)	TREO (ppm)	Sc_2O_3 (ppm)
SRAC0048	30	33	3	101.6	355.0	19.2	58.9	7.9	1.3	4.6	0.6	2.8	0.5	1.3	0.2	1.1	0.2	13.3	568	11.8
SRAC0048	33	36	3	40.9	481.5	8.6	28.8	4.1	0.8	2.5	0.3	1.7	0.3	1.0	0.1	1.1	0.2	9.3	581	11.0
SRAC0048	36	39	3	41.2	250.6	8.1	26.9	3.7	0.9	2.3	0.3	1.5	0.3	0.8	0.1	0.9	0.2	8.0	346	6.9
SRAC0048	39	42	3	266.2	334.1	61.0	192.5	23.3	4.2	12.1	1.5	6.7	1.2	2.8	0.4	2.5	0.4	30.6	939	7.8
SRAC0048	42	44	3	231.6	330.4	54.0	179.6	21.7	4.0	12.6	1.6	7.2	1.4	3.4	0.5	3.0	0.5	40.1	892	6.6
SRAC0054	33	36	3	106.7	102.3	19.8	58.4	7.9	1.2	4.6	0.6	3.1	0.5	1.5	0.2	1.6	0.2	11.8	321	7.8
SRAC0054	39	42	3	90.0	114.2	18.6	58.6	7.8	1.1	4.1	0.5	2.7	0.5	1.4	0.2	1.5	0.2	11.6	313	6.6
SRAC0054	42	45	3	101.2	143.7	23.8	69.9	9.3	1.2	4.5	0.6	3.0	0.5	1.5	0.2	1.5	0.2	11.9	373	6.0
SRAC0054	45	48	3	90.3	105.3	21.3	63.9	8.2	1.2	4.2	0.6	3.0	0.5	1.6	0.2	1.6	0.2	12.1	314	6.4
SRAC0055	9	12	3	136.6	136.4	12.9	29.5	3.7	0.4	2.0	0.3	1.6	0.3	0.9	0.1	0.8	0.1	7.0	332	7.2
SRAC0055	12	15	3	253.3	503.6	48.2	124.2	16.9	1.6	8.4	1.2	6.3	1.0	2.7	0.4	2.2	0.3	24.8	995	12.0
SRAC0055	15	17	3	160.7	329.2	27.9	79.1	11.3	1.5	6.5	1.0	5.5	0.9	2.4	0.3	2.0	0.3	23.0	651	8.6
SRAC0060	30	33	3	150.1	304.6	29.6	92.4	11.1	1.6	6.6	1.0	4.9	1.0	2.9	0.5	3.1	0.5	31.6	641	14.9
SRAC0060	33	36	3	127.3	286.2	27.1	86.4	10.5	1.7	6.2	0.8	4.1	0.8	2.3	0.3	2.2	0.3	25.9	582	13.0
SRAC0060	36	39	3	112.9	254.3	24.2	76.6	9.2	1.6	5.3	0.7	3.7	0.8	2.4	0.3	2.2	0.4	27.4	522	8.4
SRAC0060	39	42	3	131.4	271.5	27.8	88.8	11.2	1.8	6.6	0.9	5.1	1.1	3.1	0.5	3.0	0.4	35.2	588	7.5
SRAC0060	42	45	3	126.7	270.3	26.5	85.6	10.7	1.7	6.5	0.9	4.9	1.0	2.9	0.4	2.7	0.4	32.0	573	7.2
SRAC0061	18	20	3	153.1	230.9	19.1	52.6	7.3	1.0	4.7	0.7	4.1	0.7	1.9	0.3	1.8	0.2	17.0	495	10.3
SRAC0063	30	33	3	111.3	636.3	25.0	82.2	10.9	2.0	7.4	1.1	5.6	1.1	3.2	0.4	2.8	0.4	35.7	926	11.0
SRAC0063	33	36	3	163.6	2377	37.2	127.7	16.2	3.1	11.3	1.7	8.5	1.7	4.6	0.6	4.0	0.6	51.9	2810	6.4
SRAC0063	36	39	3	252.2	886.9	58.4	195.4	25.2	4.8	16.4	2.4	11.4	2.3	6.0	0.8	5.1	0.7	69.7	1538	6.0
SRAC0063	39	42	3	265.1	480.3	58.5	201.2	25.6	5.0	17.0	2.4	12.4	2.5	6.6	0.9	5.8	0.8	71.6	1156	10.6
SRAC0063	42	45	3	246.3	372.2	56.3	186.6	23.7	4.2	14.5	2.0	10.4	2.1	5.7	0.8	5.1	0.8	68.5	999	13.7
SRAC0063	45	48	3	463.3	283.8	123.2	414.1	57.3	10.6	39.3	5.4	28.4	5.6	14.9	2.0	12.4	1.7	170.8	1633	8.1
SRAC0063	48	51	3	151.3	203.3	31.1	105.6	13.6	3.4	10.1	1.4	7.6	1.6	4.5	0.6	3.7	0.6	57.0	595	6.3
SRAC0063	51	54	3	139.6	223.6	27.2	89.8	11.0	2.6	7.7	1.1	5.7	1.2	3.2	0.5	2.9	0.5	39.0	555	8.0
SRAC0063	54	57	3	259.2	433.6	50.5	167.4	19.7	3.3	11.7	1.5	7.6	1.5	3.9	0.5	3.6	0.6	46.0	1010	13.8
SRAC0063	57	60	3	188.8	382.0	37.0	120.1	14.0	2.3	8.7	1.1	5.7	1.2	3.0	0.4	2.8	0.5	38.9	807	12.4
SRAC0066	24	27	3	87.7	177.5	21.0	74.5	12.5	2.2	7.9	1.2	6.4	1.2	3.4	0.5	3.3	0.5	28.3	428	17.3
SRAC0066	27	30	3	90.3	174.4	20.6	72.9	11.3	2.1	7.5	1.1	5.9	1.1	2.9	0.4	2.8	0.4	26.7	420	14.7
SRAC0066	33	36	3	115.4	222.3	26.9	95.2	12.9	2.7	8.4	1.2	6.5	1.3	3.5	0.5	3.3	0.5	37.6	538	15.6
SRAC0068	27	30	3	176.5	514.7	23.4	74.1	10.3	1.4	6.9	0.9	4.3	0.7	1.9	0.3	1.6	0.2	24.4	842	29.4

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)	Y_2O_3 (ppm)	TREO (ppm)	Sc_2O_3 (ppm)
SRAC0068	30	33	3	157.2	636.3	23.4	63.5	7.5	0.9	4.3	0.6	2.7	0.5	1.3	0.2	1.4	0.2	13.8	914	19.8
SRAC0068	33	36	3	153.6	586.0	24.4	65.2	7.6	1.0	4.3	0.6	2.9	0.5	1.4	0.2	1.4	0.2	15.8	865	15.5
SRAC0068	36	39	3	266.2	581.0	52.1	147.6	17.7	2.3	9.0	1.1	5.2	0.9	2.1	0.3	2.0	0.3	23.2	1111	13.3
SRAC0068	39	42	3	300.2	513.5	66.9	195.4	25.2	3.0	12.9	1.6	7.3	1.3	3.1	0.4	2.6	0.4	34.3	1168	13.3
SRAC0068	42	45	3	342.5	584.7	80.4	246.1	30.6	3.5	18.2	2.3	10.0	1.8	4.9	0.7	3.9	0.6	64.4	1394	12.6
SRAC0068	45	46	3	335.4	690.4	72.5	215.2	27.1	2.7	15.0	1.8	8.5	1.5	3.8	0.5	3.0	0.4	47.1	1425	15.6
SRAC0069	21	24	3	168.3	299.7	41.9	156.9	24.4	4.1	17.2	2.3	10.9	1.7	4.4	0.5	3.3	0.4	38.7	775	21.5
SRAC0069	24	27	3	303.8	794.8	70.7	228.0	32.1	4.9	18.2	2.2	9.6	1.2	2.6	0.3	1.7	0.2	20.5	1491	29.8
SRAC0069	27	30	3	397.6	1190	113.7	417.6	66.7	10.6	48.1	6.3	32.8	5.4	13.3	1.4	7.9	0.8	125.6	2438	27.1
SRAC0069	30	33	3	197.0	471.7	48.0	164.5	22.0	3.2	15.4	2.2	12.0	2.3	7.1	0.9	5.5	0.7	78.0	1030	20.9
SRAC0069	33	36	3	263.9	690.4	75.0	278.8	41.9	6.8	28.4	3.7	19.5	3.5	10.6	1.4	9.2	1.2	106.7	1541	28.4
SRAC0070	30	33	3	82.5	159.1	17.5	58.1	9.4	1.5	6.2	0.8	4.8	0.8	2.5	0.3	2.2	0.3	22.0	368	17.9
SRAC0070	33	36	3	70.0	140.0	15.6	55.4	9.7	1.7	6.7	0.9	5.2	1.0	2.8	0.3	2.2	0.4	22.7	335	11.4
SRAC0070	36	39	3	483.2	315.7	106.2	410.6	53.8	9.5	44.4	5.3	27.3	5.1	14.2	1.8	10.4	1.6	169.5	1659	13.5
SRAC0070	39	42	3	341.3	519.6	83.0	302.1	46.4	8.3	32.0	4.1	21.1	3.8	10.1	1.2	7.6	1.1	117.3	1499	37.0
SRAC0070	42	45	3	225.8	450.8	49.4	145.2	20.3	2.7	11.7	1.7	8.7	1.5	4.3	0.6	3.5	0.5	41.3	968	15.3
SRAC0070	45	48	3	275.6	481.5	64.5	226.3	32.1	5.7	22.0	2.9	16.9	3.2	9.0	1.1	6.8	0.9	102.0	1251	24.1
SRAC0070	48	51	3	228.7	475.4	55.6	182.5	24.8	3.2	13.3	1.8	9.5	1.6	4.7	0.6	4.1	0.6	41.3	1048	16.9
SRAC0070	51	54	3	297.9	638.8	80.7	258.9	37.0	4.6	19.6	2.6	13.6	2.3	6.3	0.9	6.1	0.9	54.7	1425	19.3
SRAC0070	54	57	3	297.9	560.2	73.7	239.1	33.1	3.6	16.8	2.2	10.6	1.7	4.6	0.6	4.4	0.6	42.0	1291	13.0
SRAC0070	57	60	3	178.3	319.4	46.6	141.1	20.9	2.6	10.4	1.3	6.3	1.0	3.1	0.4	3.0	0.4	25.7	761	8.4
SRAC0070	60	63	3	147.8	414.0	40.2	124.2	18.4	2.3	9.2	1.2	5.6	0.9	2.7	0.4	3.2	0.4	22.2	793	8.3
SRAC0070	63	66	3	111.9	270.3	26.5	85.5	12.4	2.0	7.1	0.9	4.5	0.8	2.2	0.3	2.2	0.3	18.7	545	5.1
SRAC0070	66	69	3	115.1	256.7	27.4	89.1	13.5	2.1	7.6	1.0	5.1	0.9	2.5	0.3	2.5	0.4	23.8	548	6.0
SRAC0070	69	72	3	96.9	112.3	19.0	65.2	10.4	2.2	6.7	0.9	4.8	0.9	2.2	0.3	2.1	0.3	22.0	346	4.8
SRAC0070	72	75	3	189.4	352.6	44.6	159.2	22.6	4.4	14.1	1.7	9.2	1.6	4.6	0.6	4.1	0.6	48.6	858	10.9
SRAC0070	75	78	3	287.3	646.1	66.6	233.3	32.0	5.4	19.8	2.4	12.5	2.2	6.2	0.8	5.7	0.8	69.0	1390	21.5
SRAC0070	84	87	3	106.0	168.3	20.7	73.1	10.9	2.5	8.3	1.1	6.2	1.2	3.5	0.5	3.0	0.4	38.2	444	6.4
SRAC0070	87	90	3	292.0	517.2	57.6	196.5	25.5	3.3	16.3	2.0	10.3	1.9	5.2	0.7	4.3	0.7	62.5	1196	12.1
SRAC0070	90	93	3	246.3	492.6	51.5	165.6	21.6	2.5	12.6	1.5	7.6	1.3	3.6	0.5	3.4	0.5	39.0	1050	13.5
SRAC0070	93	96	3	129.6	275.2	26.3	80.8	11.2	1.8	6.8	0.9	4.5	0.8	2.3	0.3	2.2	0.3	24.3	567	10.6
SRAC0071	33	36	3	239.3	188.0	73.0	212.3	26.0	4.2	11.9	1.5	6.8	1.2	3.3	0.5	3.2	0.5	32.9	804	5.5
SRAC0071	36	39	3	586.4	339.0	158.9	485.2	56.9	9.0	28.2	3.2	14.9	2.7	7.1	1.0	6.4	1.0	78.6	1779	6.0
SRAC0071	39	42	3	255.7	310.8	48.3	151.6	17.2	3.5	12.0	1.4	7.5	1.5	4.3	0.6	3.6	0.6	57.9	876	4.9

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)	Y_2O_3 (ppm)	TREO (ppm)	Sc_2O_3 (ppm)
SRAC0071	42	45	3	153.1	227.3	27.1	80.6	9.4	1.7	4.5	0.5	2.5	0.5	1.4	0.2	1.4	0.2	18.0	528	9.5
SRAC0071	45	48	3	109.7	175.1	19.1	53.7	6.4	1.6	3.2	0.4	2.1	0.4	1.1	0.2	1.2	0.2	12.2	386	5.2
SRAC0071	48	51	3	89.4	182.4	18.4	53.4	6.1	1.6	3.4	0.4	2.2	0.4	1.1	0.2	1.2	0.2	12.5	373	4.8
SRAC0071	51	54	3	99.2	172.6	18.6	55.8	6.4	1.6	3.5	0.5	2.2	0.4	1.2	0.2	1.3	0.2	13.7	377	4.8
SRAC0071	54	57	3	101.7	190.4	19.0	54.7	6.3	1.7	3.5	0.5	2.3	0.4	1.3	0.2	1.3	0.2	14.4	398	5.5
SRAC0073	27	30	3	101.3	174.4	22.1	71.2	10.4	1.6	6.5	0.9	4.8	0.8	2.3	0.3	2.2	0.3	23.2	422	20.4
SRAC0073	30	33	3	158.9	321.8	37.3	126.6	19.4	3.4	12.2	1.7	9.5	1.7	4.9	0.7	4.7	0.7	40.0	743	23.6
SRAC0073	33	36	3	112.5	249.4	25.4	86.7	13.5	2.6	8.2	1.2	6.6	1.2	3.4	0.5	3.5	0.5	26.9	542	23.0
SRAC0073	36	39	3	258.0	797.2	78.9	282.3	34.1	6.6	18.9	2.4	11.4	1.8	4.2	0.5	2.8	0.4	38.0	1538	34.1
SRAC0073	39	42	3	170.1	423.8	48.8	197.7	30.5	6.0	20.8	2.8	15.0	2.9	8.1	1.1	6.3	0.9	87.4	1022	37.4
SRAC0073	42	45	3	151.9	325.5	35.0	126.6	19.4	4.6	16.0	2.2	12.2	2.3	6.7	0.9	5.8	0.9	82.5	793	33.0
SRAC0073	45	48	3	168.9	372.2	41.1	149.3	23.7	5.3	20.9	3.0	17.0	3.5	10.0	1.4	8.6	1.3	120.5	947	36.5
SRAC0074	27	30	3	113.8	218.0	14.1	38.8	5.4	0.5	2.9	0.5	2.5	0.5	1.5	0.2	1.6	0.2	11.7	412	8.4
SRAC0074	30	33	3	214.6	379.6	31.2	82.5	10.7	0.9	6.3	0.9	5.2	1.0	3.0	0.4	2.7	0.4	24.0	763	11.4
SRAC0074	33	36	3	232.8	291.1	55.2	175.5	24.2	2.3	13.5	1.9	11.1	2.0	5.6	0.7	5.0	0.6	54.5	876	5.8
SRAC0076	15	18	3	214.6	438.5	38.7	105.4	10.5	2.6	5.9	0.8	3.8	0.6	1.6	0.2	1.4	0.2	17.5	842	27.6
SRAC0076	18	21	3	130.2	269.0	31.3	107.3	12.9	3.1	6.6	0.8	4.0	0.7	1.6	0.2	1.3	0.2	17.8	587	29.1
SRAC0076	21	23	3	219.9	556.5	67.2	242.6	32.5	5.8	17.6	2.1	10.0	1.5	3.6	0.5	2.6	0.4	38.7	1201	23.3
SRAC0080	24	27	3	309.6	689.1	78.3	288.1	42.9	9.1	31.1	4.1	20.5	3.5	8.4	0.9	4.7	0.5	89.2	1580	50.9
SRAC0080	27	30	3	293.2	744.4	79.1	298.6	42.9	9.4	30.8	4.1	21.0	4.0	10.8	1.4	8.3	1.1	112.8	1662	63.3
SRAC0080	30	33	3	222.8	549.1	60.5	243.8	37.3	8.1	26.9	3.8	19.5	3.8	10.5	1.4	8.1	1.1	108.8	1305	59.4
SRAC0080	33	36	3	171.8	378.4	42.7	162.7	25.1	6.0	21.6	3.0	16.6	3.4	10.1	1.4	8.2	1.2	122.2	974	40.3
SRAC0080	36	39	3	181.8	396.8	43.3	154.6	22.9	4.9	17.8	2.5	13.4	2.9	9.5	1.5	9.3	1.3	118.2	981	31.7
SRAC0080	42	45	3	234.6	509.8	56.2	203.5	29.2	6.1	20.5	2.8	13.7	2.5	6.4	0.8	5.0	0.7	67.2	1159	40.5
SRAC0080	45	48	3	203.5	493.8	49.9	184.3	28.0	5.3	19.9	2.7	13.3	2.3	5.8	0.7	4.2	0.6	59.4	1074	41.4
SRAC0080	48	51	3	209.3	487.7	54.3	200.0	30.9	5.6	23.2	3.2	17.2	3.1	8.3	1.1	7.0	1.0	84.7	1137	45.4
SRAC0080	51	54	3	193.5	434.9	48.2	182.0	26.3	5.2	18.4	2.5	12.7	2.4	6.3	0.9	5.6	0.8	62.5	1002	37.3
SRAC0080	54	57	3	183.0	406.6	45.2	170.3	25.7	5.3	19.8	2.7	14.4	2.7	7.3	1.0	5.8	0.8	83.1	974	33.0
SRAC0080	57	60	3	184.7	396.8	45.2	164.5	24.6	5.0	18.1	2.5	12.7	2.6	6.8	1.0	5.9	0.9	81.9	953	33.4
SRAC0080	60	63	3	189.4	423.8	46.8	173.2	25.5	4.8	17.7	2.4	12.2	2.2	5.9	0.8	4.8	0.7	66.2	976	37.7
SRAC0081	45	48	3	95.6	149.3	17.6	57.9	8.8	1.3	6.0	0.9	4.9	0.9	2.8	0.4	2.5	0.4	38.0	387	12.6
SRAC0081	48	51	3	132.5	470.5	20.5	71.3	11.4	1.6	13.4	2.0	12.2	2.9	8.9	1.0	5.8	0.8	151.8	906	14.1
SRAC0081	57	60	3	247.5	696.5	42.4	127.7	18.2	2.9	14.7	2.0	11.1	2.0	5.8	0.7	4.8	0.7	68.8	1246	17.6
SRAC0081	60	63	3	127.8	703.9	31.4	115.4	16.0	2.6	14.4	1.9	10.4	2.1	6.1	0.8	4.7	0.7	63.9	1102	21.3

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)	Y_2O_3 (ppm)	TREO (ppm)	Sc_2O_3 (ppm)
SRAC0081	63	66	3	78.6	170.8	8.8	29.7	3.3	0.5	3.7	0.5	2.9	0.6	1.9	0.3	1.9	0.3	20.1	324	19.9
SRAC0081	66	69	3	331.9	588.4	80.2	284.6	42.1	4.0	30.3	4.4	25.4	4.7	13.2	1.6	10.1	1.3	139.7	1562	20.2
SRAC0081	69	72	3	609.9	1671	190.3	684.7	113.6	10.7	76.7	11.4	62.3	10.8	30.1	3.8	23.3	2.8	276.8	3778	14.6
SRAC0081	72	75	3	421.0	1621	115.3	419.9	64.2	6.0	48.0	7.1	42.8	8.0	23.8	3.0	17.9	2.1	245.7	3046	9.4
SRAC0081	75	78	3	337.8	799.7	97.0	347.6	54.4	5.6	38.3	5.8	34.3	6.1	17.6	2.3	13.8	1.6	172.7	1934	7.4
SRAC0081	78	81	3	493.8	1055	121.4	423.4	59.6	5.7	39.0	5.6	32.4	5.8	17.3	2.3	14.6	1.8	162.6	2440	14.7
SRAC0081	81	84	3	326.0	652.3	73.2	246.1	34.4	3.1	23.7	3.5	20.8	3.8	11.1	1.4	8.4	1.0	108.2	1517	11.5
SRAC0081	84	86	3	246.3	428.7	61.6	223.4	34.8	3.8	31.0	4.6	28.8	5.7	17.1	2.1	12.4	1.6	179.7	1282	8.1
SRAC0082	24	27	3	279.1	610.5	65.9	229.2	32.1	6.2	21.8	2.9	14.5	2.4	6.2	0.8	4.3	0.6	70.1	1347	41.9
SRAC0082	27	30	3	293.2	699.0	75.8	271.8	39.2	7.7	28.2	3.8	19.3	3.4	8.3	1.1	5.8	0.8	87.1	1544	56.0
SRAC0082	30	33	3	251.0	573.7	62.1	219.3	29.9	5.8	21.4	2.9	15.4	2.8	7.0	0.9	5.1	0.7	71.2	1269	40.2
SRAC0082	33	36	3	299.1	651.1	68.8	235.6	31.9	6.2	21.4	2.8	15.3	3.1	8.5	1.2	6.7	0.9	83.1	1436	50.2
SRAC0082	36	39	3	221.1	474.2	53.4	197.1	28.5	5.6	20.6	2.8	15.0	3.0	8.7	1.2	7.3	1.1	100.8	1140	36.0
SRAC0082	39	42	3	215.2	466.8	53.2	194.8	28.0	5.3	20.3	2.8	14.4	2.7	7.1	1.0	5.6	0.8	82.0	1100	32.5
SRAC0082	42	45	3	217.6	461.9	51.6	181.4	25.7	5.3	18.2	2.5	12.6	2.4	6.9	1.0	6.2	1.0	78.5	1073	33.4
SRAC0086	24	27	3	148.4	275.2	33.7	114.8	17.2	3.0	12.0	1.8	8.9	1.6	4.5	0.6	3.9	0.6	39.5	666	21.2
SRAC0086	27	30	3	190.0	398.0	47.4	165.1	24.6	4.7	17.9	2.5	13.3	2.4	6.7	0.9	5.6	0.8	62.2	942	23.3
SRAC0086	30	33	3	297.9	674.4	68.5	242.6	32.7	6.4	22.9	3.0	15.8	2.9	7.5	1.0	5.1	0.7	84.7	1466	36.4
SRAC0086	33	36	3	433.9	1114	123.2	425.7	56.0	11.7	36.2	4.7	24.0	4.1	9.9	1.2	6.6	0.8	111.1	2363	55.2
SRAC0086	36	39	3	338.9	788.6	92.3	355.8	62.6	15.2	53.4	7.3	38.0	6.5	16.2	2.0	11.3	1.3	166.4	1956	66.3
SRAC0086	39	40	3	288.5	703.9	79.7	299.8	46.2	8.9	37.3	5.4	32.8	7.1	21.0	3.5	22.8	3.5	243.8	1804	41.7
SRAC0087	21	24	3	81.2	149.3	17.2	55.9	7.9	1.3	5.2	0.7	3.9	0.7	1.8	0.3	1.6	0.2	18.3	346	19.5
SRAC0087	24	27	3	127.8	240.8	28.3	92.6	14.1	2.4	9.4	1.3	6.9	1.3	3.4	0.5	2.9	0.4	31.4	563	16.7
SRAC0087	27	30	3	170.6	160.9	29.5	85.2	9.2	2.9	4.3	0.5	2.4	0.4	0.9	0.1	0.8	0.1	8.5	476	5.2
SRAC0087	30	33	3	103.9	213.7	24.0	79.6	11.0	3.2	7.6	1.0	5.1	0.9	2.2	0.3	1.5	0.2	25.1	479	7.1
SRAC0087	33	36	3	248.6	614.2	64.8	212.9	29.1	5.8	19.5	2.7	14.5	2.9	7.3	0.9	4.9	0.6	82.5	1311	24.4
SRAC0087	36	39	3	307.3	737.0	81.2	284.6	44.0	8.6	29.9	3.7	18.4	3.3	8.3	1.1	6.1	0.9	102.4	1636	43.9
SRAC0087	39	42	3	245.1	530.7	57.6	191.9	27.0	5.4	18.0	2.4	11.9	2.2	5.3	0.6	3.6	0.5	62.0	1164	39.0
SRAC0087	42	44	3	261.5	593.3	69.5	250.8	38.0	8.3	24.9	3.3	16.2	2.9	7.2	0.9	5.1	0.7	73.2	1356	37.0
SRAC0088	30	33	3	90.2	122.4	16.0	53.2	8.8	1.1	5.5	0.8	4.4	0.8	2.2	0.3	2.1	0.3	17.1	325	15.6
SRAC0088	42	45	3	218.7	1953	39.0	102.5	13.3	1.4	6.4	1.0	5.4	1.0	3.4	0.5	3.8	0.5	25.5	2376	17.8
SRAC0088	45	48	3	173.0	1247	32.3	90.8	12.5	1.3	7.2	1.1	6.7	1.4	4.6	0.7	5.3	0.8	40.0	1624	15.0
SRAC0088	48	51	3	241.6	739.5	58.0	190.7	27.3	2.9	16.1	2.3	13.4	2.5	7.7	1.0	7.2	0.9	73.7	1385	10.1
SRAC0090	21	24	3	115.2	199.6	23.7	78.9	11.6	2.0	7.8	1.1	5.8	1.1	2.7	0.4	2.2	0.3	28.5	481	19.8

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)	Y_2O_3 (ppm)	TREO (ppm)	Sc_2O_3 (ppm)
SRAC0090	24	27	3	143.7	286.2	33.1	108.8	16.6	2.8	11.2	1.6	8.0	1.5	4.0	0.5	3.4	0.5	38.6	660	18.6
SRAC0090	27	30	3	180.6	398.0	43.5	143.5	21.4	3.7	14.5	2.0	10.3	2.0	5.2	0.7	4.1	0.6	49.4	879	18.3
SRAC0090	30	33	3	322.5	681.8	64.8	196.5	23.9	3.5	14.3	1.9	9.4	1.6	4.1	0.5	3.1	0.4	40.9	1369	18.1
SRAC0090	33	36	3	392.9	733.4	72.5	221.6	29.2	4.1	17.4	2.4	11.8	2.2	5.5	0.7	4.4	0.6	55.9	1555	22.2
SRAC0090	36	38	3	331.9	703.9	78.7	262.4	39.1	5.8	28.2	4.0	21.6	4.1	10.7	1.4	8.5	1.2	128.3	1630	24.1
SRAC0091	15	18	3	214.6	393.1	41.6	123.6	17.1	2.6	10.2	1.3	6.7	1.1	3.0	0.4	2.5	0.4	28.8	847	26.5
SRAC0091	18	21	3	472.6	1049	128.7	435.1	60.3	9.3	36.0	4.7	23.3	3.9	10.5	1.2	7.3	0.9	115.4	2358	48.5
SRAC0091	21	24	3	431.6	900.4	139.6	515.6	83.8	14.3	57.1	7.6	38.3	6.0	15.4	1.9	11.7	1.5	147.9	2373	47.1
SRAC0091	24	27	3	410.5	1013	130.5	481.7	80.6	13.3	59.1	8.0	43.2	7.5	20.0	2.2	13.3	1.6	207.6	2493	42.0
SRAC0091	27	30	3	374.1	870.9	102.5	353.4	50.7	8.9	34.8	4.6	26.5	5.4	16.6	2.3	14.5	1.8	179.1	2046	41.7
SRAC0091	30	32	3	453.9	1523	158.3	582.0	86.6	14.5	56.4	7.6	39.9	7.3	22.1	3.1	21.9	3.3	224.8	3205	52.3
SRAC0094	48	51	3	288.5	1092	75.4	277.6	40.1	6.2	29.6	4.0	21.5	4.0	11.6	1.4	8.2	1.2	159.4	2021	4.9
SRAC0094	51	54	3	81.6	428.7	24.3	87.5	14.2	2.3	12.0	1.8	10.5	2.2	6.5	0.9	5.1	0.7	80.8	759	4.8
SRAC0094	54	57	3	104.7	390.6	26.0	92.6	14.6	2.2	11.6	1.6	9.1	1.8	5.4	0.7	4.0	0.6	68.5	734	6.1
SRAC0094	57	60	3	96.9	192.9	26.0	91.5	16.4	1.3	12.2	1.8	9.8	1.8	4.9	0.7	3.7	0.5	55.5	516	6.0
SRAC0094	60	63	3	221.1	350.1	68.6	289.3	52.0	3.8	41.4	6.4	37.5	6.6	18.5	2.4	13.4	1.5	201.9	1314	8.9
SRAC0094	63	66	3	222.8	388.2	64.3	260.1	47.2	3.4	38.8	5.9	36.0	6.6	18.8	2.4	13.7	1.6	193.0	1303	9.7
SRAC0094	66	69	3	230.5	393.1	63.9	257.8	46.9	3.3	41.0	6.3	39.0	7.3	20.5	2.6	14.5	1.7	224.8	1353	10.0
SRAC0094	69	72	3	242.8	485.2	64.2	255.4	47.9	3.5	46.3	7.1	45.1	8.8	25.5	3.0	16.2	2.0	332.7	1586	10.7
SRAC0094	72	75	3	203.5	482.8	57.9	243.8	44.8	3.3	41.4	6.3	37.8	7.2	19.7	2.4	12.5	1.5	238.1	1403	11.2
SRAC0094	75	78	3	161.3	384.5	45.1	184.3	34.0	2.3	27.4	4.3	25.7	4.6	12.6	1.5	8.8	1.0	144.8	1042	10.0
SRAC0094	78	81	3	184.1	421.3	52.4	206.5	37.5	2.5	29.5	4.6	27.1	5.0	13.8	1.7	9.3	1.1	149.9	1146	10.4
SRAC0094	81	84	3	147.8	357.5	44.3	176.7	33.4	2.3	26.5	4.2	25.0	4.5	12.3	1.5	8.3	0.9	128.3	973	9.0
SRAC0094	84	87	3	159.5	390.6	48.1	197.7	37.5	2.4	29.5	4.6	27.8	4.9	13.6	1.6	9.1	1.1	140.3	1068	9.8
SRAC0096	24	27	3	68.7	135.7	14.9	46.4	7.9	0.8	5.7	0.9	4.9	0.9	2.5	0.4	2.5	0.4	22.2	315	11.4
SRAC0096	27	30	3	364.7	530.7	88.7	295.1	52.7	5.2	39.7	5.5	27.4	4.9	12.8	1.8	11.0	1.7	114.5	1556	11.4
SRAC0099	21	24	3	44.6	114.2	15.7	72.3	16.9	5.1	13.7	2.0	9.6	1.5	3.3	0.4	2.2	0.3	28.5	330	86.0
SRAC0099	27	30	3	58.2	152.3	21.4	87.5	19.2	5.9	15.3	2.4	12.2	2.1	5.0	0.7	4.2	0.6	45.2	432	85.7
SRAC0101	21	24	3	231.0	405.4	44.0	135.9	18.2	1.2	11.0	1.4	5.7	0.9	1.9	0.2	1.2	0.2	21.0	879	8.9
SRAC0101	24	27	3	216.4	484.0	49.4	165.1	23.9	1.7	13.6	1.7	7.7	1.2	2.7	0.3	1.7	0.3	32.6	1002	11.2
SRAC0101	27	30	3	166.5	286.2	33.0	105.7	15.6	1.4	10.1	1.4	6.5	1.0	2.2	0.3	1.6	0.2	26.7	658	10.6
SRAC0101	30	33	3	168.9	292.4	36.5	111.7	16.1	1.5	9.6	1.3	6.3	1.0	2.2	0.3	1.5	0.2	26.5	676	10.9
SRAC0101	33	36	3	136.0	240.8	28.9	91.7	13.5	1.5	8.9	1.3	6.5	1.1	2.7	0.3	1.9	0.3	30.1	566	12.0
SRAC0101	36	39	3	150.7	316.9	39.0	135.9	22.7	5.1	14.1	2.0	9.3	1.5	3.7	0.4	2.5	0.4	36.8	741	9.7

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)	Y_2O_3 (ppm)	TREO (ppm)	Sc_2O_3 (ppm)
SRAC0101	39	42	3	101.2	223.0	26.8	99.5	17.6	4.9	13.0	1.9	10.0	1.7	4.2	0.6	3.2	0.5	46.2	554	12.9
SRAC0101	42	45	3	73.2	182.4	21.2	77.5	14.0	3.3	9.8	1.5	7.6	1.4	3.4	0.5	2.7	0.4	35.8	435	47.7
SRAC0101	45	48	3	66.6	148.0	16.0	52.6	8.9	1.7	6.4	1.0	5.2	0.9	2.3	0.4	1.6	0.2	23.6	336	12.3
SRAC0102	48	51	3	175.9	361.2	26.5	73.5	8.7	1.4	5.2	0.7	3.8	0.7	2.1	0.3	2.2	0.3	16.9	679	5.7
SRAC0102	51	54	3	178.3	303.4	31.1	90.9	11.6	1.8	6.9	0.9	4.5	0.8	2.5	0.4	2.6	0.4	19.6	655	5.7
SRAC0102	54	57	3	130.2	241.4	22.4	67.7	8.9	1.5	5.7	0.8	4.3	0.8	2.3	0.3	2.4	0.3	19.2	508	4.8
SRAC0102	57	60	3	143.1	210.7	21.0	67.5	8.8	1.5	5.4	0.7	4.1	0.8	2.3	0.3	2.2	0.3	20.8	490	4.4
SRAC0102	60	63	3	141.3	271.5	23.0	69.9	8.6	1.6	5.6	0.7	4.0	0.8	2.4	0.4	2.4	0.4	27.3	560	5.2
SRAC0103	39	42	3	183.0	208.2	23.6	61.0	5.7	0.8	2.9	0.4	2.1	0.4	1.4	0.2	1.7	0.3	11.4	503	12.0
SRAC0103	42	45	3	438.6	458.2	83.4	282.3	29.1	5.5	18.9	2.2	10.5	1.7	4.0	0.4	2.5	0.3	43.9	1381	11.2
SRAC0103	45	48	3	128.4	373.4	21.5	61.9	6.3	0.9	3.5	0.4	2.0	0.4	1.0	0.1	0.7	0.1	10.8	611	9.5
SRAC0103	48	51	3	82.6	344.0	10.2	30.9	3.4	0.6	2.1	0.3	1.6	0.3	0.9	0.1	0.9	0.2	7.4	485	11.0
SRAC0103	51	53	3	524.2	1302	177.6	608.9	73.3	11.6	30.2	3.7	18.2	3.0	8.5	1.2	8.0	1.1	77.5	2849	11.7
SRAC0107	33	36	3	107.3	181.8	21.6	72.9	11.6	1.9	8.1	1.1	5.8	1.0	2.8	0.4	2.5	0.3	24.5	444	16.3
SRAC0107	36	39	3	117.9	213.1	25.4	86.0	13.5	2.4	9.9	1.4	7.1	1.3	3.4	0.5	3.2	0.4	28.8	514	14.1
SRAC0107	39	42	3	173.0	355.0	37.9	135.9	20.1	3.8	14.1	1.9	10.2	1.8	5.0	0.7	4.4	0.6	43.1	807	21.5
SRAC0107	42	45	3	124.9	256.7	26.2	93.8	15.4	2.6	9.8	1.3	7.1	1.3	3.9	0.5	3.7	0.5	30.1	578	16.6
SRAC0107	45	48	3	120.8	229.1	22.9	72.8	9.2	2.0	5.3	0.6	3.1	0.6	1.8	0.3	2.0	0.3	19.2	490	6.4
SRAC0107	48	51	3	170.1	318.2	27.3	85.5	10.7	2.0	6.0	0.7	3.5	0.7	1.9	0.3	1.8	0.3	20.1	649	7.2
SRAC0107	51	54	3	112.1	223.6	19.8	64.2	7.8	1.7	4.2	0.5	2.4	0.4	1.2	0.2	1.2	0.2	13.3	453	5.4
SRAC0107	54	55	3	130.8	270.3	24.8	79.6	10.9	2.0	6.8	0.9	4.5	0.8	2.2	0.3	2.1	0.3	20.6	557	10.7
SRAC0112	30	33	3	73.4	161.5	18.8	63.6	10.7	0.8	7.7	1.1	5.5	1.0	2.6	0.4	2.3	0.3	24.9	375	16.6
SRAC0112	33	36	3	89.1	195.9	21.8	75.2	13.5	1.2	9.9	1.5	8.0	1.5	4.4	0.7	4.4	0.7	39.5	467	15.0
SRAC0112	36	39	3	86.3	173.8	19.6	67.4	11.5	1.3	8.8	1.3	7.5	1.5	4.6	0.7	4.5	0.7	41.4	431	9.5
SRAC0113	24	27	3	141.9	276.4	29.6	97.6	14.3	3.1	10.8	1.7	9.6	2.1	5.6	0.8	4.6	0.8	82.0	681	11.4
SRAC0113	27	30	3	100.4	199.6	21.2	74.2	10.9	2.7	7.5	1.1	5.7	1.0	2.4	0.3	1.8	0.3	28.6	458	23.8
SRAC0115	0	3	3	54.1	85.1	14.6	58.0	10.2	2.2	9.2	1.4	8.2	1.7	4.6	0.6	3.6	0.6	54.6	309	14.0
SRAC0115	18	21	3	73.2	159.1	16.8	55.2	9.1	1.5	7.4	1.2	7.0	1.4	4.0	0.6	3.5	0.5	40.4	381	24.2
SRAC0115	21	24	3	74.9	157.2	17.0	57.4	9.5	1.8	7.0	1.1	6.6	1.3	3.5	0.5	3.1	0.5	34.3	376	21.8
SRAC0115	24	27	3	84.2	183.7	20.3	68.7	11.7	2.2	8.7	1.4	7.7	1.6	4.2	0.6	3.8	0.6	41.9	441	22.1
SRAC0115	27	30	3	82.6	177.5	19.3	65.4	11.0	2.1	8.2	1.3	7.3	1.4	3.8	0.6	3.4	0.5	38.1	423	18.6
SRAC0115	30	33	3	93.0	193.5	20.3	69.9	11.5	2.1	8.7	1.4	7.7	1.5	4.1	0.6	3.5	0.6	46.4	465	14.1
SRAC0115	33	36	3	113.2	232.2	25.3	84.9	13.9	2.3	10.1	1.6	8.5	1.6	4.1	0.6	3.2	0.5	50.0	552	16.3
SRAC0115	36	38	3	112.6	239.5	26.2	87.3	15.0	2.5	11.2	1.7	9.4	1.8	4.7	0.6	3.6	0.5	54.9	572	16.6

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)	Y_2O_3 (ppm)	TREO (ppm)	Sc_2O_3 (ppm)
SRAC0117	3	6	3	71.7	140.0	18.9	66.0	11.5	2.2	9.7	1.5	8.5	1.7	4.7	0.7	3.7	0.5	48.4	390	14.3
SRAC0117	15	18	3	105.7	101.3	30.5	105.6	20.7	2.8	15.7	2.7	15.4	2.8	8.2	1.2	7.2	0.9	64.3	485	17.8
SRAC0117	18	21	3	113.6	92.5	30.0	105.8	18.9	2.5	15.0	2.5	13.2	2.4	6.6	0.9	5.2	0.7	55.0	465	12.0
SRAC0117	21	24	3	72.0	151.7	20.2	69.8	12.9	1.6	10.8	1.8	10.2	2.0	5.6	0.8	4.4	0.6	54.9	419	9.5
SRAC0117	24	27	3	75.2	211.3	20.2	70.0	12.8	1.8	10.5	1.8	10.3	2.0	5.9	0.8	4.8	0.7	56.8	485	10.1
SRAC0117	27	30	3	75.7	193.5	19.6	66.7	11.7	1.6	9.7	1.7	9.7	1.9	5.4	0.8	4.6	0.6	55.2	458	8.3
SRAC0118	24	27	3	703.7	1732	187.3	669.5	116.5	8.8	83.1	11.6	54.6	9.5	25.4	2.9	17.1	2.5	237.5	3862	65.3
SRAC0118	27	30	3	87.0	227.9	28.3	117.2	27.5	5.8	31.2	5.4	32.3	6.1	17.5	2.2	13.7	1.9	154.3	758	87.9
SRAC0118	30	33	3	171.2	326.8	35.3	128.9	23.3	5.6	26.1	4.3	24.5	5.0	15.0	1.9	12.1	1.8	146.7	928	80.1
SRAC0118	33	36	3	90.8	215.6	26.8	114.0	25.1	6.2	30.8	5.3	33.4	7.3	22.6	2.9	18.2	2.7	230.5	832	83.0
SRAC0118	36	39	3	65.4	149.9	18.7	77.1	17.3	4.1	20.2	3.4	20.7	4.3	13.2	1.7	10.6	1.6	130.8	539	77.2
SRAC0118	39	42	3	49.5	106.5	13.5	56.0	12.8	3.3	14.1	2.3	13.3	2.7	8.0	1.0	6.4	0.9	77.8	368	64.7
SRAC0119	33	36	3	75.2	141.9	15.4	49.8	7.3	1.9	4.8	0.7	3.2	0.6	1.5	0.2	1.1	0.2	17.3	321	10.0
SRAC0119	42	44	3	55.4	119.2	14.5	56.2	9.3	2.3	6.7	0.9	4.6	0.9	2.5	0.3	1.9	0.3	27.6	303	21.0
SRAC0122	6	9	3	299.1	631.4	59.4	189.5	23.3	3.2	13.0	1.8	8.5	1.5	3.6	0.5	2.9	0.4	39.5	1278	9.4
SRAC0122	9	12	3	258.0	627.7	65.7	222.8	30.0	4.4	17.5	2.5	12.3	2.1	5.2	0.7	4.4	0.6	50.3	1304	8.7
SRAC0122	12	15	3	200.0	449.6	44.2	148.1	18.8	2.4	12.2	1.7	8.8	1.7	4.4	0.6	3.9	0.6	45.8	943	11.7
SRAC0122	15	18	3	203.5	432.4	42.5	133.6	16.6	1.9	9.5	1.3	6.1	1.2	3.0	0.4	2.5	0.4	38.1	893	9.2
SRAC0122	18	21	3	197.0	410.3	38.7	121.9	15.3	1.9	8.8	1.2	5.7	1.0	2.5	0.3	2.1	0.3	31.4	838	10.4
SRAC0122	21	24	3	122.0	285.0	28.6	93.6	11.9	1.8	6.9	0.9	4.6	0.8	2.2	0.3	1.8	0.3	26.9	588	11.8
SRAC0122	24	26	3	299.1	711.2	73.2	246.1	33.6	4.3	23.4	3.3	17.2	3.3	8.6	1.1	6.3	0.9	104.6	1536	33.7
SRAC0123	0	3	3	81.5	192.2	19.6	65.9	8.9	1.5	6.4	0.9	5.0	1.0	2.5	0.3	2.1	0.3	27.8	416	18.7
SRAC0123	3	6	3	74.5	186.7	19.3	58.7	9.2	1.5	5.5	0.8	4.0	0.7	1.9	0.2	1.6	0.2	16.6	381	12.7
SRAC0123	6	9	3	218.1	503.6	52.4	159.2	21.3	2.5	12.9	1.7	8.6	1.6	4.5	0.5	3.7	0.4	44.3	1036	16.0
SRAC0123	9	12	3	107.1	258.0	28.8	93.8	15.7	2.4	11.5	1.7	9.1	1.7	5.1	0.6	4.2	0.5	45.5	585	17.8
SRAC0123	12	15	3	106.3	267.8	30.7	101.8	16.4	2.7	11.3	1.7	8.9	1.7	4.8	0.6	4.0	0.5	45.0	604	14.1
SRAC0123	15	18	3	285.0	667.0	69.1	217.0	28.6	3.4	16.3	2.1	10.5	2.0	5.7	0.7	4.7	0.6	60.3	1373	11.7
SRAC0123	18	21	3	169.5	393.1	40.0	123.6	18.0	2.3	11.3	1.6	8.0	1.5	4.2	0.5	3.5	0.4	45.3	823	10.4
SRAC0123	21	22	3	129.0	307.1	32.0	102.6	14.7	2.1	9.5	1.4	7.3	1.4	4.0	0.5	3.4	0.4	38.9	654	10.6
SRAC0129	21	24	3	89.6	167.1	16.6	48.5	7.4	1.0	5.0	0.8	3.6	0.6	1.8	0.3	1.7	0.3	17.8	362	11.5
SRAC0129	24	27	3	111.0	238.3	18.4	56.8	8.6	1.0	6.3	0.9	4.2	0.8	2.0	0.3	1.7	0.3	21.6	472	9.8
SRAC0129	27	30	3	104.1	184.9	18.7	53.2	8.2	1.0	5.5	0.9	4.2	0.7	1.9	0.3	1.7	0.3	17.7	403	11.4
SRAC0129	30	33	3	135.5	189.2	24.7	71.6	10.8	1.3	7.0	1.1	5.3	0.9	2.2	0.3	2.0	0.3	20.2	472	11.8
SRAC0129	36	39	3	86.1	143.1	15.3	42.7	6.6	0.5	4.2	0.6	2.9	0.5	1.2	0.2	1.1	0.2	13.0	318	12.6

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)	Y_2O_3 (ppm)	TREO (ppm)	Sc_2O_3 (ppm)
SRAC0129	39	40	3	97.8	154.8	17.0	51.0	7.5	0.5	4.8	0.7	3.0	0.5	1.2	0.2	1.0	0.2	11.9	352	13.3
SRAC0132	36	39	3	100.7	189.2	22.8	75.1	11.8	2.0	7.4	1.1	5.3	0.9	2.3	0.3	1.8	0.2	23.1	444	10.6
SRAC0132	39	40	3	130.2	276.4	26.6	85.0	13.2	2.4	9.3	1.4	7.0	1.2	3.3	0.4	2.4	0.3	33.4	592	14.4
SRAC0133	18	21	3	87.4	144.3	26.0	85.4	15.2	2.6	9.4	1.3	6.4	1.0	2.7	0.4	2.3	0.3	23.0	408	11.0
SRAC0133	36	39	3	64.6	145.6	13.6	46.5	7.3	1.1	5.2	0.7	3.6	0.6	1.7	0.2	1.3	0.2	14.9	307	13.3
SRAC0133	39	40	3	67.8	154.2	14.3	49.0	7.7	1.1	5.4	0.7	3.7	0.6	1.7	0.2	1.5	0.2	15.1	323	13.8
SRAC0134	27	30	3	70.3	150.5	13.8	47.1	7.3	1.3	5.4	0.8	3.8	0.6	1.7	0.2	1.6	0.2	18.3	323	14.9
SRAC0134	30	33	3	62.3	146.2	13.1	44.8	7.0	1.1	5.1	0.7	3.5	0.6	1.6	0.2	1.3	0.2	14.5	302	13.3
SRAC0134	33	36	3	92.0	191.0	18.1	61.0	9.2	1.3	6.5	0.9	4.5	0.7	1.9	0.2	1.5	0.2	18.4	407	16.4
SRAC0134	36	39	3	105.6	210.7	21.1	69.3	10.8	1.5	7.8	1.1	5.5	0.9	2.5	0.3	2.0	0.3	21.8	461	16.4
SRAC0134	39	42	3	128.4	226.6	26.1	83.6	12.8	1.5	9.3	1.3	6.3	1.1	2.8	0.4	2.3	0.3	25.8	528	12.9
SRAC0135	24	27	3	100.2	204.5	19.8	71.2	11.5	1.6	8.2	1.1	5.6	0.9	2.5	0.4	2.2	0.3	23.1	453	5.1
SRAC0135	27	30	3	80.9	168.9	15.6	55.1	8.5	1.2	6.4	0.8	4.6	0.8	2.3	0.3	2.3	0.3	19.8	368	5.1
SRAC0136	15	18	3	74.4	203.9	19.6	64.0	11.3	2.2	8.4	1.2	6.5	1.2	3.4	0.5	3.3	0.5	31.4	432	22.2
SRAC0136	18	21	3	160.7	363.6	35.8	116.4	15.3	2.7	11.2	1.4	6.8	1.2	2.8	0.3	1.8	0.2	39.6	760	6.0
SRAC0137	15	18	3	55.5	111.5	14.7	51.9	10.3	2.0	9.7	1.4	8.7	1.8	5.0	0.6	3.6	0.5	54.6	332	9.2
SRAC0138	33	36	3	68.8	147.4	13.6	47.4	7.2	1.1	4.6	0.6	3.5	0.6	1.6	0.2	1.2	0.2	14.7	313	13.7
SRAC0138	36	39	3	119.0	217.4	21.4	72.6	10.9	1.6	7.3	1.0	5.3	0.9	2.3	0.3	1.6	0.2	21.3	483	14.9
SRAC0138	39	40	3	141.3	260.4	28.3	94.0	14.1	2.1	9.7	1.4	7.4	1.2	3.1	0.4	2.3	0.3	29.0	595	15.3
SRAC0139	15	18	3	68.4	147.4	16.3	57.5	9.5	1.7	7.5	1.1	6.0	1.1	3.1	0.4	2.3	0.3	30.5	353	18.6
SRAC0140	27	30	3	75.9	155.4	14.0	47.9	7.3	1.1	4.6	0.6	3.4	0.6	1.5	0.2	1.2	0.2	15.1	329	13.2
SRAC0140	30	33	3	95.8	176.9	17.6	58.9	9.1	1.3	5.9	0.8	4.3	0.7	1.9	0.2	1.4	0.2	18.4	393	14.6
SRAC0140	33	36	3	152.5	277.6	31.1	100.1	15.2	2.2	10.2	1.4	7.6	1.3	3.3	0.4	2.2	0.3	29.8	635	16.0
SRAC0140	36	39	3	124.9	205.1	20.8	67.7	10.0	1.4	6.7	1.0	5.2	0.9	2.3	0.3	2.0	0.3	22.0	471	11.5
SRAC0140	39	40	3	99.0	151.1	14.3	43.3	5.9	0.8	4.1	0.6	3.0	0.5	1.3	0.2	1.2	0.2	11.6	337	7.1
SRAC0141	15	18	3	68.5	183.7	18.7	61.8	9.3	1.5	5.7	0.8	4.2	0.7	1.9	0.3	1.7	0.2	18.3	377	9.5
SRAC0141	18	21	3	73.4	186.1	17.5	58.4	9.4	1.7	6.5	0.9	5.0	0.9	2.4	0.3	2.0	0.3	22.5	387	12.3
SRAC0141	21	24	3	64.3	149.9	14.4	47.6	7.5	1.4	5.3	0.8	4.1	0.7	2.1	0.3	1.7	0.3	21.0	321	12.4
SRAC0141	24	27	3	77.4	169.5	17.2	57.4	8.8	1.5	5.7	0.8	4.5	0.8	2.0	0.3	1.6	0.2	20.6	368	13.8
SRAC0141	27	30	3	111.5	231.6	24.0	76.9	11.4	1.7	7.6	1.1	5.6	0.9	2.4	0.3	1.9	0.3	24.4	502	15.2
SRAC0141	30	33	3	143.1	244.5	29.7	98.4	14.8	2.2	9.9	1.4	7.5	1.3	3.4	0.4	2.6	0.3	31.9	591	15.0
SRAC0141	33	36	3	116.1	175.1	21.2	70.1	10.3	1.4	6.7	0.9	5.1	0.9	2.3	0.3	2.0	0.3	21.8	434	11.2
SRAC0141	42	45	3	82.9	89.1	17.5	62.1	11.0	1.4	8.9	1.4	9.0	1.7	4.8	0.6	3.8	0.5	48.8	343	14.7
SRAC0141	45	48	3	97.9	455.7	19.3	65.8	11.1	1.7	8.7	1.5	8.8	1.6	4.6	0.6	3.6	0.4	49.7	731	18.4

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)	Y_2O_3 (ppm)	TREO (ppm)	Sc_2O_3 (ppm)
SRAC0141	48	51	3	229.9	352.6	42.5	148.7	23.3	3.3	21.5	3.3	19.7	3.6	9.8	1.2	6.9	0.8	103.6	971	13.8
SRAC0141	51	54	3	142.5	256.7	27.6	89.2	13.9	2.0	11.7	1.8	11.1	2.1	6.2	0.8	4.5	0.6	66.5	637	10.4
SRAC0141	54	57	3	130.8	251.8	27.1	89.0	14.7	1.9	12.0	1.8	11.1	2.1	6.1	0.8	4.5	0.6	62.4	617	12.9
SRAC0141	57	60	3	115.8	267.8	26.1	90.8	16.6	1.9	13.5	2.2	13.4	2.5	6.4	0.9	4.8	0.6	66.0	629	19.9
SRAC0141	60	63	3	125.5	262.9	27.8	91.6	16.3	1.9	13.9	2.3	13.4	2.5	6.7	0.9	4.8	0.6	65.9	637	16.4
SRAC0141	63	66	3	125.5	278.9	27.2	90.4	15.8	1.9	13.0	2.1	11.8	2.2	6.1	0.9	4.4	0.6	58.4	639	15.5
SRAC0141	66	69	3	120.2	256.7	26.6	87.1	14.6	1.8	11.6	1.9	10.8	2.1	5.5	0.7	4.1	0.5	54.5	599	13.0
SRAC0141	69	72	3	106.7	238.9	22.8	73.0	13.2	1.6	10.7	1.8	10.2	1.9	5.3	0.7	3.8	0.5	53.6	545	13.8
SRAC0141	72	75	3	89.1	183.7	20.2	64.9	10.8	1.7	9.0	1.5	8.9	1.6	4.6	0.6	3.1	0.4	43.8	444	10.9
SRAC0141	75	78	3	106.1	218.0	22.2	72.3	11.7	1.6	9.5	1.5	8.4	1.7	4.3	0.6	3.1	0.4	48.8	510	9.4
SRAC0141	78	81	3	130.2	276.4	27.4	92.2	16.0	1.9	13.1	2.1	12.2	2.4	6.6	0.9	4.9	0.6	69.1	656	13.2
SRAC0141	81	84	3	114.9	245.1	24.5	81.7	13.7	1.9	11.0	1.7	10.0	2.0	5.1	0.7	3.7	0.5	52.6	569	11.4
SRAC0141	84	87	3	119.0	235.9	26.1	85.5	14.1	2.0	11.3	1.9	10.1	2.0	5.2	0.7	3.6	0.5	53.7	571	12.1
SRAC0141	87	90	3	138.4	303.4	29.1	93.3	14.6	2.1	11.6	1.8	10.8	2.1	5.6	0.7	3.9	0.5	59.7	678	10.0
SRAC0141	90	93	3	140.7	277.6	29.6	91.6	15.0	2.2	12.8	2.0	11.0	2.0	5.5	0.7	3.8	0.5	51.3	646	11.2
SRAC0141	93	96	3	124.9	267.8	26.2	84.6	14.0	1.9	11.0	1.7	9.2	1.7	4.5	0.6	3.3	0.4	46.0	598	10.6
SRAC0141	96	99	3	122.0	280.1	27.8	93.1	16.8	2.0	14.1	2.3	13.1	2.5	6.8	0.9	4.7	0.6	63.0	650	19.5
SRAC0141	99	102	3	105.4	218.7	21.9	69.1	11.3	1.7	9.9	1.6	9.4	1.8	4.9	0.6	3.4	0.5	48.6	509	8.9
SRAC0141	102	105	3	115.3	243.2	24.4	82.9	14.4	1.7	11.9	1.9	10.7	2.1	5.4	0.7	4.0	0.5	56.9	576	13.8
SRAC0141	105	108	3	118.5	253.1	26.3	88.2	14.7	1.7	11.6	1.9	11.0	2.1	5.5	0.8	4.0	0.5	58.3	598	15.0
SRAC0142	27	30	3	73.7	167.1	11.2	33.8	5.4	0.5	3.7	0.6	3.2	0.6	1.6	0.2	1.8	0.2	20.6	324	8.3
SRAC0142	36	39	3	94.1	100.9	16.9	54.8	9.6	1.2	7.4	1.1	6.7	1.1	2.9	0.4	2.1	0.3	27.6	327	16.3
SRAC0142	39	42	3	144.3	291.1	27.2	86.8	13.7	1.7	10.1	1.5	8.3	1.3	3.1	0.4	2.1	0.3	29.0	621	9.8
SRAC0142	48	51	3	40.9	710.0	8.8	29.0	5.9	0.7	4.1	0.7	4.2	0.8	2.1	0.3	2.1	0.3	17.5	827	48.3
SRAC0142	51	54	3	46.7	530.7	11.9	40.2	8.0	0.8	5.5	0.8	4.9	0.8	2.3	0.3	2.1	0.3	15.5	671	59.8
SRAC0142	60	63	3	47.4	350.1	7.9	23.6	3.9	0.6	2.9	0.5	2.9	0.5	1.5	0.2	1.6	0.2	11.7	455	7.8
SRAC0142	63	66	3	23.6	374.7	7.4	25.1	4.7	0.6	3.1	0.5	3.4	0.6	2.0	0.3	2.1	0.3	13.3	462	19.3
SRAC0142	66	69	3	60.3	362.4	13.9	44.4	6.8	1.0	4.1	0.6	3.8	0.7	2.1	0.3	2.2	0.3	16.5	519	8.4
SRAC0142	69	72	3	203.5	259.2	50.3	146.4	20.8	2.8	11.8	1.6	8.5	1.4	3.8	0.5	3.1	0.4	36.1	750	4.6
SRAC0142	72	75	3	223.4	218.0	60.5	187.8	28.2	4.0	17.2	2.4	13.4	2.3	5.8	0.8	4.8	0.7	60.8	830	5.7
SRAC0152	3	6	3	60.8	129.6	14.6	47.8	7.9	1.3	5.5	0.8	4.4	0.9	2.4	0.3	2.1	0.3	21.6	300	27.3
SRAC0152	6	9	3	70.7	136.4	17.8	63.6	11.1	2.1	10.3	1.6	10.8	2.4	7.7	1.0	6.1	0.9	85.5	428	19.5
SRAC0152	9	12	3	356.5	1035	106.7	381.4	62.7	11.7	58.3	8.1	51.8	10.5	31.3	4.0	22.7	3.4	372.1	2517	20.6
SRAC0152	12	15	3	343.6	1011	100.2	354.6	59.1	11.1	54.5	7.5	46.3	9.1	25.7	3.2	17.9	2.6	307.3	2354	19.9

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)	Y_2O_3 (ppm)	TREO (ppm)	Sc_2O_3 (ppm)
SRAC0152	15	18	3	120.8	396.8	34.7	120.1	19.9	3.6	14.6	2.1	11.6	2.1	5.7	0.7	4.3	0.6	59.8	797	14.9
SRAC0152	18	21	3	80.8	218.0	19.2	64.0	9.9	1.8	7.7	1.1	5.8	1.1	3.0	0.4	2.3	0.3	35.3	451	13.8
SRAC0152	21	24	3	73.0	178.1	16.2	50.6	7.8	1.2	5.2	0.7	3.8	0.6	1.7	0.2	1.3	0.2	17.1	358	13.2
SRAC0152	24	27	3	89.6	199.0	19.9	61.0	9.4	1.5	6.5	0.9	4.8	0.8	2.1	0.3	1.6	0.2	20.7	418	14.6
SRAC0152	27	30	3	120.2	238.3	26.1	80.8	12.4	2.0	8.0	1.2	5.8	1.0	2.3	0.3	1.7	0.2	22.7	523	16.4
SRAC0152	30	33	3	114.1	221.1	23.3	75.0	11.3	1.8	7.7	1.1	5.6	1.0	2.7	0.4	2.3	0.3	26.3	494	17.0
SRAC0152	36	39	3	114.7	168.9	32.7	119.6	23.3	3.8	18.5	3.1	18.2	3.4	9.4	1.5	9.0	1.3	85.3	613	24.7
SRAC0152	39	42	3	191.2	330.4	56.5	214.6	44.6	8.2	51.1	9.0	57.6	12.1	35.2	5.3	32.3	4.7	336.5	1389	23.9
SRAC0152	42	45	3	107.3	210.7	24.7	90.9	17.5	2.8	17.5	2.9	18.1	3.6	10.8	1.6	10.1	1.5	116.7	636	17.9
SRAC0152	45	48	3	110.7	249.4	25.5	99.5	19.4	3.4	20.6	3.4	21.0	4.3	12.2	1.8	10.5	1.6	153.0	736	19.3
SRAC0152	48	51	3	91.7	211.3	22.0	79.6	14.9	2.7	15.4	2.4	13.8	3.0	8.4	1.1	6.5	1.1	98.9	573	18.6
SRAC0152	51	54	3	71.4	151.7	17.0	59.7	10.9	2.0	11.6	1.8	10.2	2.3	6.3	0.8	5.1	0.8	73.8	425	15.0
SRAC0152	54	57	3	78.6	168.3	18.6	64.6	11.8	2.1	11.8	1.8	10.7	2.2	6.2	0.9	5.4	0.8	75.3	459	17.6
SRAC0174	39	40	3	140.7	198.4	24.3	66.7	8.6	1.4	4.4	0.6	3.0	0.5	1.2	0.2	0.9	0.2	14.7	466	2.6
SRAC0175	27	30	3	141.3	210.7	25.0	62.4	6.7	0.6	3.0	0.4	1.7	0.3	0.8	0.1	0.8	0.1	7.1	461	17.6
SRAC0175	30	33	3	214.6	249.4	36.1	95.2	11.7	0.8	5.7	0.7	3.2	0.5	1.3	0.2	1.1	0.2	15.4	636	13.0
SRAC0175	36	39	3	88.9	198.4	19.5	60.8	8.6	0.4	5.4	0.7	3.5	0.6	1.5	0.2	1.3	0.2	15.6	406	8.1
SRAC0175	39	42	3	112.1	210.7	30.0	104.2	18.0	2.6	13.8	2.0	10.2	1.7	4.6	0.6	3.5	0.5	44.1	559	5.2
SRAC0175	42	45	3	203.5	319.4	55.8	193.0	34.1	5.2	23.5	3.2	16.2	2.8	6.7	0.9	5.3	0.7	69.2	939	5.7
SRAC0175	45	46	3	680.2	568.8	215.7	760.5	131.6	21.1	86.5	11.8	57.3	8.8	20.8	2.6	14.2	1.9	195.6	2777	14.7
SRAC0176	18	21	3	150.7	275.2	36.0	115.2	17.5	2.7	9.5	1.3	6.5	1.1	2.9	0.4	2.2	0.3	28.7	650	8.9
SRAC0176	33	36	3	407.0	1043	114.8	436.2	76.4	10.1	74.5	11.3	72.2	14.7	44.8	5.9	37.7	5.1	468.6	2822	39.6
SRAC0176	36	38	3	280.3	686.7	73.6	284.6	51.8	6.8	53.6	8.5	55.3	11.6	37.3	5.1	33.0	4.6	400.0	1993	34.4
SRAC0177	0	3	3	82.9	223.0	23.4	75.5	14.1	1.7	12.5	2.0	12.3	2.5	8.2	1.1	7.6	1.0	80.0	548	20.6
SRAC0178	12	15	3	106.3	240.2	21.4	72.0	11.2	1.5	8.8	1.2	6.5	1.1	3.0	0.4	2.1	0.3	28.6	504	10.1
SRAC0178	42	44	3	107.6	143.7	28.8	109.8	25.3	3.3	27.7	4.4	25.7	5.0	14.2	1.8	11.4	1.5	129.5	640	137.0
SRAC0184	54	57	3	85.5	149.9	15.5	49.6	7.4	1.2	5.2	0.8	4.4	0.7	1.9	0.3	1.9	0.3	18.8	343	13.3
SRAC0184	63	66	3	192.9	441.0	39.2	102.8	12.9	1.4	5.8	0.8	4.3	0.7	1.9	0.3	2.1	0.3	16.4	823	21.8
SRAC0184	66	69	3	239.3	671.9	60.3	198.9	28.2	3.5	15.3	2.3	11.8	1.8	4.3	0.6	3.6	0.5	40.8	1283	29.0
SRAC0184	69	72	3	208.8	538.0	51.1	163.9	24.0	3.4	13.8	1.9	10.9	1.8	4.8	0.7	4.7	0.7	50.4	1079	29.9
SRAC0184	72	75	3	141.9	304.6	30.0	102.6	17.7	3.0	13.8	2.1	13.5	2.5	7.2	1.1	6.8	1.0	74.2	722	28.8
SRAC0184	75	78	3	106.0	213.1	21.1	70.7	11.8	2.1	9.3	1.5	9.1	1.7	4.8	0.7	4.4	0.7	53.1	510	19.3
SRAC0185	18	21	3	42.8	199.6	11.2	38.3	6.6	1.1	3.8	0.6	3.0	0.5	1.4	0.2	1.2	0.2	13.2	324	7.1
SRAC0185	60	63	3	81.3	149.3	16.6	50.5	7.7	1.2	5.3	0.8	4.3	0.8	2.1	0.3	1.9	0.3	19.2	341	14.7

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)	Y_2O_3 (ppm)	TREO (ppm)	Sc_2O_3 (ppm)
SRAC0185	63	66	3	67.1	134.5	14.0	43.4	6.9	1.0	4.7	0.7	4.0	0.7	2.1	0.3	2.0	0.3	19.3	301	13.3
SRAC0185	66	69	3	151.9	199.0	29.6	93.4	12.9	1.9	8.0	1.2	6.3	1.2	3.1	0.4	2.6	0.4	28.7	541	13.0
SRAC0185	78	80	3	80.7	163.4	19.0	59.3	9.2	2.1	6.2	1.0	5.0	0.9	2.2	0.3	1.8	0.3	21.1	372	30.8
SRAC0188	24	27	3	57.9	374.7	14.2	47.6	7.8	1.3	4.3	0.6	3.0	0.5	1.2	0.2	1.2	0.2	9.7	524	15.6
SRAC0188	60	63	3	68.0	137.0	14.1	44.2	7.0	1.0	5.0	0.7	4.0	0.7	2.1	0.3	1.8	0.3	18.3	304	12.4
SRAC0188	66	69	3	109.9	213.7	21.1	65.2	10.1	0.9	7.7	1.2	7.6	1.4	4.2	0.6	3.6	0.5	39.6	487	7.1
SRAC0188	69	72	3	76.6	232.8	18.3	55.5	9.5	0.8	7.2	1.2	7.1	1.4	4.2	0.6	3.6	0.5	39.4	458	7.7
SRAC0188	72	75	3	123.7	506.1	28.6	93.8	15.9	1.3	12.6	2.1	13.0	2.5	7.4	1.1	6.3	0.9	66.8	882	8.4
SRAC0188	75	78	3	141.3	398.0	38.3	134.7	24.8	2.4	21.7	3.6	22.7	4.7	14.2	2.0	12.2	1.6	135.9	958	6.3
SRAC0188	78	80	3	141.3	442.2	37.9	133.0	25.3	2.3	22.9	3.8	25.0	5.1	15.7	2.2	13.3	1.8	151.8	1024	6.3
SRAC0190	66	69	3	13.4	273.9	2.6	9.0	1.7	0.2	1.5	0.3	1.8	0.4	1.3	0.2	1.3	0.2	11.7	319	8.9
SRAC0190	69	70	3	83.3	515.9	20.1	69.9	11.7	1.0	9.5	1.6	9.3	1.8	5.2	0.7	4.0	0.5	50.4	785	8.7

Note: **TREO (Total Rare Earth Oxide) =** $La_2O_3 + CeO_2 + Pr_6O_{11} + Nd_2O_3 + Sm_2O_3 + Eu_2O_3 + Gd_2O_3 + Tb_4O_7 + Dy_2O_3 + Ho_2O_3 + Er_2O_3 + Tm_2O_3 + Yb_2O_3 + Lu_2O_3 + Y_2O_3$

JORC 2012 – Table1: Splinter Rock

Section 1 Sampling Techniques and Data

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

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.*	• Geochemical sampling was undertaken by sampling of metre interval samples returned from the cyclone of a conventional aircore drilling rig. • Certified reference samples, duplicates and blank samples were inserted into the sample stream such as to represent approximately 5% of the samples submitted to the laboratory for analysis • Two composite samples were collected over 3 metre intervals – the first (the A sample) being submitted for laboratory analysis and the second (the B sample) being retained as a reference. Samples with <3 metre composite refer to samples at the end of hole. A sample from each metre was collected and stored in a chip tray for logging and x-ray diffraction analysis
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).*	• Air core drilling was completed by hammer and blade industry standard drilling techniques • Aircore is considered to be an appropriate drilling technique for saprolite clay • Drilling used blade bits of 87mmØ with 3m length drill rods to blade refusal.
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.*	• Air core recoveries were not recorded but are not considered to be materially biased, given the nature of the geology and samples. • Holes were drilled approximately 800 to 400m apart, with closer spacing in areas demonstrated to contain elevated REE assays from previous drilling. • The assay data will be analysed against control samples and historical assays for any indications of bias
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.*	• A sample from each metre was collected and stored in a chip tray for logging • Geological logs recorded lithology, colour and weathering.
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*	• A composite sample of ~ 3kg for analysis was taken using a scoop from each metre pile to subsample 1 to 1.5kg sample. This was then dispatched to the laboratory. • A second composite sample was similarly taken and stored on site as a reference • Air core samples were mostly dry although intersections at depth were sometimes wet. • Certified reference samples, duplicates and blank samples were inserted into the sample stream such as to represent approximately 5% of the samples submitted to the laboratory for analysis

<table>
<tr><th>Criteria</th><th>JORC Code explanation</th><th>Commentary</th></tr>
<tr><td></td><td>grain size of the material being sampled.</td><td></td></tr>
<tr><td>Quality of assay data and laboratory tests</td><td>• 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.</td><td>• “A Samples” were submitted for chemical analysis using industry standard sample preparation and analytical techniques including:
  • Riffle split all “A samples” to 50:50 bagging one half as a coarse reject for storage
  • Pulverise the balance of the material via LM-5
  • Generate a standard 300g master pulp packet
  • Generate a second split at 150g for dispatch
  • Bag the balance as a bulk pulp master for storage
• Multi-Element Ultra Trace method ME-MS61r for exploration in soils or sediments. 4-Acid digest on 0.25g sample analysed via ICP-MS and ICP-AES. REEs included.</td></tr>
<tr><td>Verification of sampling and assaying</td><td>• The verification of significant intersections by either independent or alternative company personnel.
• The use of twinned holes.
• Documentation of primary data, data entry procedures, data verification, data storage (physical and electronic) protocols.
• Discuss any adjustment to assay data.</td><td>• Certified reference samples, duplicates and blank samples were inserted into the sample stream such as to represent approximately 5% of the samples submitted to the laboratory for analysis
• A representative selection of historic drill holes were twinned (duplicated) to validate previous logging and assay data.
• Data stored in a database, with auto-validation of logging data,
• Multielement results (REE) are converted to stoichiometric oxide (REO) using element-to-stoichiometric conversion factors.
<table><tr><th>Element ppm</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>1.2082</td><td>Pr_6O_{11}</td></tr><tr><td>Sc</td><td>1.5338</td><td>Sm_2O_3</td></tr><tr><td>Sm</td><td>1.1596</td><td>Tb_4O_7</td></tr><tr><td>Tb</td><td>1.1762</td><td>Tm_2O_3</td></tr><tr><td>Tm</td><td>1.1421</td><td>Y_2O_3</td></tr><tr><td>Y</td><td>1.2699</td><td>Yb_2O_3</td></tr></table>• 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:
• TREO (Total Rare Earth Oxide) = $La_2O_3 + CeO_2 + Pr_6O_{11} + Nd_2O_3 + Sm_2O_3 + Eu_2O_3 + Gd_2O_3 + Tb_4O_7 + Dy_2O_3 + Ho_2O_3 + Er_2O_3 + Tm_2O_3 + Yb_2O_3 + Lu_2O_3 + Y_2O_3$.
Note that Y_2O_3 is included in the TREO calculation.</td></tr>
<tr><td>Location of data points</td><td>• 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.</td><td>• Drill hole collars were located using a handheld GPS to +/-5m accuracy
• Grid system was MGA 94 Zone 51
• Downhole survey was not undertaken, the holes being vertical
• No topography control was used, given the relatively flat topography</td></tr>
</table>

Criteria	JORC Code explanation	Commentary
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 holes were spaced at 400 to 800m intervals over a ~100 km traverses • Drilling intervals were closed to approximately 200m centres where historic drilling returned elevated REE assays • Downhole samples were taken on 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.*	• Drillholes were vertical and approximately perpendicular to mineralisation
Sample security	• *The measures taken to ensure sample security.*	• Samples were taken and dispatched by road freight direct to the analytical laboratory
Audits or reviews	• *The results of any audits or reviews of sampling techniques and data.*	• The Independent Competent Person reviewed the sampling techniques and data collection. The Independent Competent Person completed a site visit during drilling to verify sampling techniques and data collection.

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 Splinter Rock Project is held by Odette Six Pty Ltd which is a 100% owned subsidiary of OD6 Metals Ltd. • Granted exploration Licences include E63/2115, E69/3904, E69/3905, E69/3907, E69/3893, E69/3894. • The ELs predominantly overly vacant crown land with a small portion of freehold agricultural land used for crop and livestock farming to the south. • The Company has Native Title Land Access agreements with Ngadju Native Title Aboriginal Corporate and Esperance Tjaltjraak Native Title Aboriginal Corporation. The tenements are in good standing with no known impediments outside the usual course of exploration licenses.
Exploration done by other parties	• *Acknowledgment and appraisal of exploration by other parties.*	• An Independent Geological Report was completed by of Sahara Natural Resources and included in the Company's Prospectus dated 10 May 2022. • Historic exploration for REE's was conducted by Salazar Gold Pty Ltd • The historical data has been assessed and is considered of good quality.
Geology	• *Deposit type, geological setting and style of mineralisation.*	• The rare earth mineralisation at the Splinter Rock Project occurs in the weathered profile (in-situ regolith clays) adjacent to and above Booanya Granite of the East Nornalup Zone of the Albany-Fraser Orogen. • The Booanya granites are enriched in REEs. Factors such as groundwater dispersion and paleo-weathering environments may mobilise REEs away from the granite sources.
Drill hole Information	• *A summary of all information material to the understanding of the exploration results including a tabulation of the following information for all Material drill holes:* ○ *easting and northing of the drill hole collar* ○ *elevation or RL (Reduced Level –*	• All drill results are reported to the ASX in accordance with the provisions of the JORC Code • A summary of material drill hole information is detailed in the Drill Hole Data table included above • No material results have been excluded.

Criteria	JORC Code explanation	Commentary
	elevation above sea level in metres) of the drill hole collar ○ *dip and azimuth of the hole* ○ *down hole length and interception depth* ○ *hole length.* • *If the exclusion of this information is justified on the basis that the information is not Material and this exclusion does not detract from the understanding of the report, the Competent Person should clearly explain why this is the case.*	• Some results occur outside the mineralised area of interest and have been excluded as not being of material interest. • Internal waste results have been included in the mineralised intercepts. • Some assay results are yet to be received and are thus not included.
Data aggregation methods	• *In reporting Exploration Results, weighting averaging techniques, maximum and/or minimum grade truncations (eg cutting of high grades) and cut-off grades are usually Material and should be stated.* • *Where aggregate intercepts incorporate short lengths of high grade results and longer lengths of low grade results, the procedure used for such aggregation should be stated and some typical examples of such aggregations should be shown in detail.* • *The assumptions used for any reporting of metal equivalent values should be clearly stated.*	• No cutting of grades has been engaged in • Data has been aggregated according to downhole intercept length above the cut-off grade and internal sub-grade material has been included. • A cut-off grade of 300ppm TREO has been applied. OD6 considers this to be an appropriate cut-off grade for exploration data in a clay-hosted REE project • Multielement results (REE) are converted to stoichiometric oxide (REO) using element-to-stoichiometric conversion factors. • These stoichiometric conversion factors are stated in the 'verification of sampling and assaying' table above and can be referenced in appropriate publicly available technical data.
Relationship between mineralisation widths and intercept lengths	• *These relationships are particularly important in the reporting of Exploration Results.* • *If the geometry of the mineralisation with respect to the drill hole angle is known, its nature should be reported.* • *If it is not known and only the down hole lengths are reported, there should be a clear statement to this effect (eg 'down hole length, true width not known').*	• Drillholes drilled vertical and orthogonal to generally flat to shallow dipping clay mineralisation. • Drilled width is approximately true width.
Diagrams	• *Appropriate maps and sections (with scales) and tabulations of intercepts should be included for any significant discovery being reported. These should include, but not be limited to a plan view of drill hole collar locations and appropriate sectional views.*	• Drilling is presented in long-section and cross section as appropriate.
Balanced reporting	• *Where comprehensive reporting of all Exploration Results is not practicable, representative reporting of both low and high grades and/or widths should be practiced to avoid misleading reporting of Exploration Results.*	• All drillhole results have been reported including those drill holes where no significant intersection was recorded.
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.*	• All material data available is reported.
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 work will include additional air core drilling, core drilling (e.g sonic or push-tube drilling, mineralogy, metallurgical testwork and study work.