ASX Announcement

10 November 2022

ASX: OD6

Outstanding High-Grade Clay Rare Earths with Large Thickness over Extensive Areas Confirmed at Splinter Rock

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

Highlights:

- **Outstanding assay results returned** from initial **65 holes** of the completed **179-hole program**
- **High-grade** clay-hosted rare earths confirmed, with **large thicknesses over extensive areas**
- **Grades up to 6,729 ppm** Total Rare Earth Oxides (TREO)
- **Four significant prospects** defined, each prospect extends between **4 to 7 km** along drill-lines
- **High value Nd+Pr** oxides (NdPr) represent an **average of 20.7% of TREO grade**
- **High value Magnet Rare Earth Oxides** represent an **average of 22.3% of TREO grade**
- **Heavy Rare Earth Oxides** represents an average of **11.2% of TREO grade**
- Clay thickness for the Prospects vary **between 10-30m and up to 80m**
- **49%** of holes assayed have grades greater than **750ppm TREO**
- **Pending** assay results are to be progressively received over the coming weeks
- All assays using **4-acid soluble digestion** (i.e. does not assay for resistate non-acid soluble REE minerals)

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

- **41 metres** at 1262ppm TREO (24.1% Magnet REO) from 15 metres (SRAC0151) including,
  - 29 metres at 1585ppm TREO (24.4% Magnet REO) from 27 metres
- **30 metres** at 1576ppm TREO (22.1% Magnet REO) from 15 metres (SRAC0033) including,
  - 27 metres at 1716ppm TREO (22.2% Magnet REO) from 18 metres
- **21 metres** at 2029ppm TREO (24.2% Magnet REO) from 18 metres (SRAC0042) including,
  - 18 metres at 2249ppm TREO (24.4% Magnet REO) from 21 metres
- **27 metres** at 1400ppm TREO (23.2% Magnet REO) from 18 metres (SRAC0149) including,
  - 3 metres at 1619ppm TREO (28.9% Magnet REO) from 18 metres, and
  - 6 metres at 4139ppm TREO (22.6% Magnet REO) from 27 metres, and
  - 2 metres at 1668ppm TREO (33.7% Magnet REO) from 75 metres

- **46 metres** at 800ppm TREO (22.5% Magnet REO) from 6 metres (SRAC0028) including,
  - 7 metres at 2227ppm TREO (23% Magnet REO) from 45 metres
- **20 metres** at 1623ppm TREO (23.2% Magnet REO) from 15 metres (SRAC0023) including,
  - 14 metres at 2059ppm TREO (23 % Magnet REO) from 21 metres
- **30 metres** at 1079ppm TREO (24.6% Magnet REO) from 6 metres (SRAC0022) including,
- **29 metres** at 1073ppm TREO (23.4% Magnet REO) from 28 metres (SRAC0075) including,
  - 12 metres at 1337ppm TREO (23.2% Magnet REO) from 30 metres
- **33 metres** at 926ppm TREO (23.4% Magnet REO) from 27 metres (SRAC0077)
- **80 metres** at 918ppm TREO (13.5% Magnet REO) from 15 metres (SRAC0150) including,
  - 18 metres at 2170ppm TREO (5.2% Magnet REO) from 33 metres
- **21 metres** at 1446ppm TREO (22.6% Magnet REO) from 18 metres (SRAC0056) including,
  - 21 metres at 1446ppm TREO (22.6% Magnet REO) from 18 metres
- **32 metres** at 842ppm TREO (23% Magnet REO) from 24 metres (SRAC0072) including,
  - 20 metres at 1106ppm TREO (22.7% Magnet REO) from 36 metres
- **23 metres** at 1006ppm TREO (23.7% Magnet REO) from 21 metres (SRAC0039) including,
  - 11 metres at 1575ppm TREO (24.6% Magnet REO) from 33 metres

Brett Hazelden, Managing Director, commented:

"These initial rare earth assay results are outstanding and represent some of the highest grades and thickest clay-hosted rare earth intersections seen in Australia. The extent and consistency of these shallow, high-grade clays have resulted in four significant prospects being identified that are between four and seven kilometres in width which are open in length, on our 2,579km^2 Splinter Rock project.

Importantly, these drill results validate historic assays, plus they extend the discovery of clay-hosted rare earths across a new drill line perpendicular to the original line. This bodes well for future drilling, which we anticipate will significantly grow the known mineralised area.

The Splinter Rock Project, with its proximity to port and renewable energy generation potential, now has the very real potential to be a globally significant, world class group of mineral systems that could be a multigenerational asset as the world transitions to the decarbonised economy. The scale of these clays is hard to comprehend when you start talking multiple kilometres in one direction at a thickness of between 10 to 30m. The potential is massive."

Four Significant Prospects Identified From Initial Assay Results

Four prospects have been identified from the initial assay results that each span an extensive 4 to 7 km in drilled length (equivalent of more than 40 lengths of the MCG) for each Prospect, which 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 four 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 11. The four prospects are named:

- Scrum Prospect
- Centre Prospect
- Flanker Prospect
- Prop Prospect

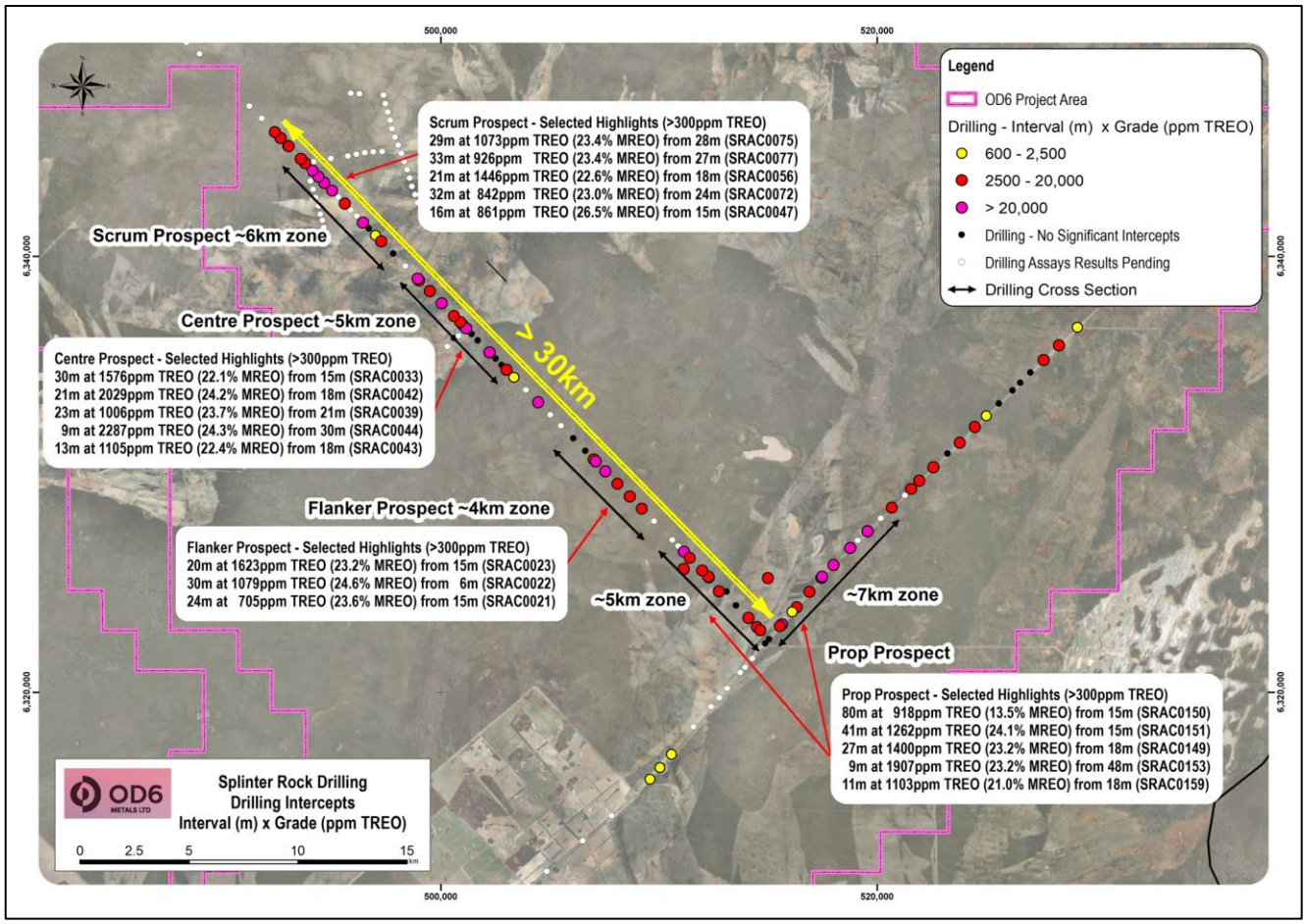


Figure 1 Drill locations showing significant intersections (>300ppm TREO) of Interval (m) x Grade (TREO).

Drill Hole Locations of Received Assay Results

Assay results have been received for 65 holes 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. The location of the holes with received and pending assays are shown in Figure 2 below.

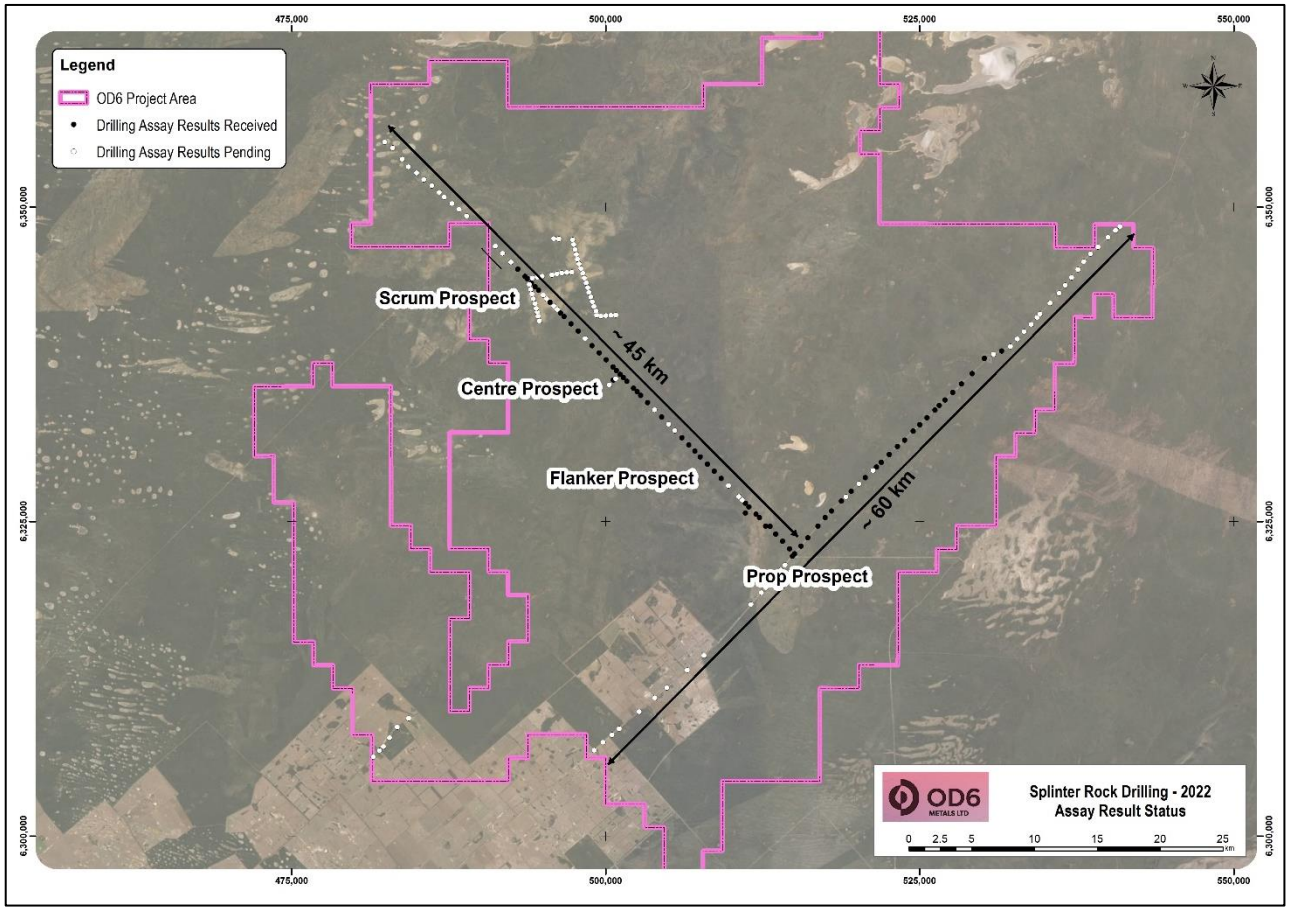


Figure 2 Splinter Rock Project showing drill locations with assays received and those pending

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

Assays received from 32 of the 65 holes have returned significant TREO grades and thickness using a 750ppm cut-off grade with clay thickness intervals up to 33m. Magnetic Rare Earth Oxides make up an average of 22.5%, with Critical Rare Earth Oxides averaging 24.2% plus Heavy Rare Earth Oxides averaging 10.7%.

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 (%)
SRAC0149	27	33	6	4,139	22.6	11.0	24.8
SRAC0044	30	36	6	3,262	24.5	10.5	25.5
SRAC0042	21	39	18	2,249	24.4	10.4	24.8
SRAC0028	45	52	7	2,227	23.0	15.0	27.4
SRAC0150	33	51	18	2,170	5.2	2.8	5.8

Hole ID	From (m)	To (m)	Interval (m)	TREO (ppm)	% Mag REO (%)	% HREO (%)	% CREO (%)
SRAC0023	21	35	14	2,059	23.0	12.1	25.3
SRAC0159	24	29	5	1,956	21.1	3.6	17.7
SRAC0153	48	57	9	1,907	23.2	8.2	23.2
SRAC0169	24	27	3	1,901	26.2	10.2	26.3
SRAC0033	18	45	27	1,716	22.2	6.0	20.8
SRAC0149	75	77	2	1,668	33.7	16.9	37.4
SRAC0161	12	15	3	1,648	21.7	7.3	21.0
SRAC0149	18	21	3	1,619	28.9	7.5	26.9
SRAC0151	27	56	29	1,585	24.4	14.2	28.3
SRAC0039	33	44	11	1,575	24.6	8.6	23.7
SRAC0047	24	31	7	1,565	27.7	7.0	25.5
SRAC0056	18	39	21	1,446	22.6	10.3	24.2
SRAC0075	30	42	12	1,337	23.2	10.1	24.1
SRAC0043	21	31	10	1,306	22.3	18.2	29.6
SRAC0162	21	24	3	1,223	24.9	12.7	27.2
SRAC0011	18	21	3	1,167	6.9	4.7	8.4
SRAC0072	36	56	20	1,106	22.7	12.6	25.8
SRAC0022	6	36	30	1,079	24.6	12.8	27.0
SRAC0083	24	27	3	1,059	24.4	12.8	27.3
SRAC0075	46	57	11	1,024	22.6	14.6	27.5
SRAC0079	38	41	3	959	24.2	13.2	27.6
SRAC0021	24	30	6	955	21.3	11.9	23.9
SRAC0077	27	60	33	926	23.4	12.5	26.2
SRAC0002	12	18	6	922	24.3	11.7	25.7
SRAC0157	12	15	3	910	22.2	6.2	20.6
SRAC0064	48	51	3	824	23.0	21.3	31.6
SRAC0001	30	33	3	807	22.8	11.9	25.0
SRAC0019	33	36	3	800	23.8	11.2	24.7
SRAC0021	36	39	3	779	24.2	12.6	26.6
SRAC0028	15	18	3	770	24.7	14.0	28.1
SRAC0146	24	27	3	770	9.4	3.6	9.2
SRAC0020	12	15	3	761	19.8	6.9	19.4

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

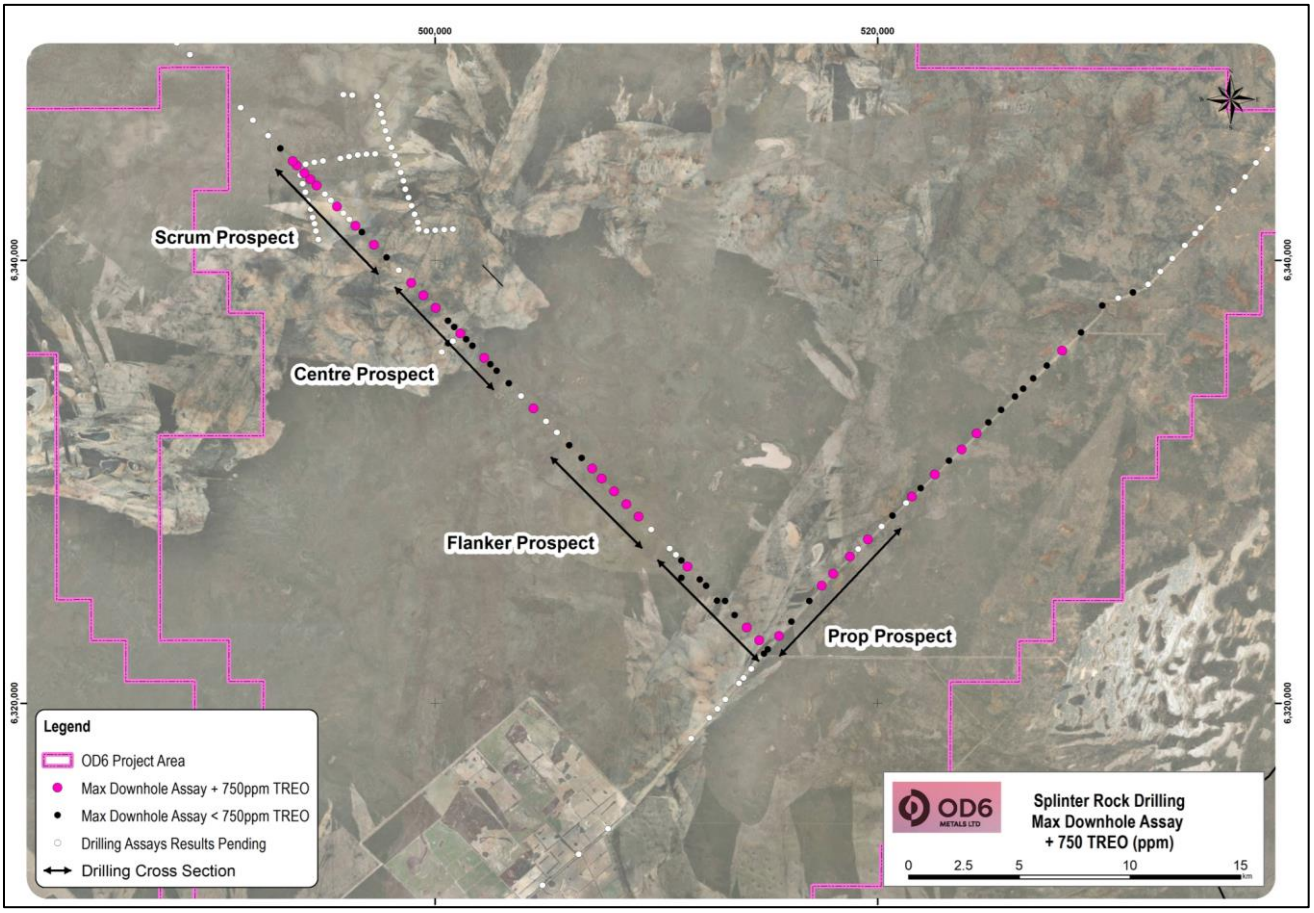


Figure 3 Drill locations highlighting holes with assays greater than 750ppm cut-off grade

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

Assays received from 47 of the 65 holes have returned significant TREO grades and thickness using a 300ppm cut-off grade with clay thickness intervals ranging up to 80m. Magnetic Rare Earth Oxides make up an average of 22.2%, with Critical Rare Earth Oxides averaging 24.2% plus Heavy Rare Earth Oxides averaging 11.2%.

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 (%)
SRAC0044	30	39	9	2,287	24.3	10.5	25.3
SRAC0042	18	39	21	2,029	24.2	10.3	24.5
SRAC0153	48	57	9	1,907	23.2	8.2	23.2
SRAC0023	15	35	20	1,623	23.2	11.5	24.9
SRAC0033	15	45	30	1,576	22.1	6.1	20.8
SRAC0056	18	39	21	1,446	22.6	10.3	24.2
SRAC0149	18	45	27	1,400	23.2	11.3	25.3
SRAC0151	15	56	41	1,262	24.1	13.7	27.6
SRAC0162	21	24	3	1,223	24.9	12.7	27.2
SRAC0011	18	21	3	1,167	6.9	4.7	8.4

Hole ID	From (m)	To (m)	Interval (m)	TREO (ppm)	% Mag REO (%)	% HREO (%)	% CREO (%)
SRAC0169	24	30	6	1,162	25.3	10.3	25.7
SRAC0161	12	17	5	1,146	21.8	9.5	22.6
SRAC0043	18	31	13	1,105	22.4	17.6	29.2
SRAC0159	18	29	11	1,103	21.0	3.9	17.7
SRAC0022	6	36	30	1,079	24.6	12.8	27.0
SRAC0075	28	57	29	1,073	23.4	12.6	26.3
SRAC0039	21	44	23	1,006	23.7	8.8	23.0
SRAC0077	27	60	33	926	23.4	12.5	26.2
SRAC0150	15	95	80	918	13.5	6.5	14.3
SRAC0047	15	31	16	861	26.5	6.7	24.2
SRAC0072	24	56	32	842	23.0	12.7	25.9
SRAC0028	6	52	46	800	22.5	13.0	25.7
SRAC0079	35	41	6	794	23.5	13.6	27.2
SRAC0020	9	18	9	729	20.9	7.9	20.9
SRAC0021	15	39	24	705	23.6	12.8	26.3
SRAC0002	9	21	12	703	23.6	12.8	26.1
SRAC0030	9	12	3	678	19.6	6.1	18.1
SRAC0019	27	36	9	665	23.3	9.9	23.5
SRAC0083	15	27	12	643	22.4	10.9	24.1
SRAC0170	15	18	3	635	26.1	11.2	26.8
SRAC0149	66	77	11	604	28.2	13.1	30.1
SRAC0008	9	12	3	561	24.6	18.4	31.3
SRAC0155	9	19	10	541	19.4	6.7	18.6
SRAC0157	12	39	27	539	21.3	10.6	23.0
SRAC0001	21	39	18	532	21.5	12.4	24.5
SRAC0168	21	24	3	521	24.7	16.8	29.5
SRAC0168	33	45	12	516	26.9	12.7	28.4
SRAC0002	0	3	3	505	22.4	22.1	32.0
SRAC0064	30	53	23	497	22.0	15.7	26.4
SRAC0147	18	21	3	494	23.6	9.3	23.9
SRAC0040	24	30	6	490	19.6	11.3	22.5
SRAC0023	3	9	6	479	30.2	8.8	27.9
SRAC0011	27	33	6	473	19.8	6.8	19.1
SRAC0093	55	61	6	466	19.8	8.0	20.1
SRAC0157	3	6	3	458	17.8	10.7	20.4
SRAC0163	3	6	3	456	21.4	11.3	23.3
SRAC0146	15	30	15	454	15.2	5.7	14.9
SRAC0041	45	54	9	453	20.0	8.4	20.5
SRAC0006	0	9	9	450	22.7	18.4	29.2
SRAC0019	15	18	3	449	21.1	8.3	20.4
SRAC0173	36	57	21	446	24.3	22.9	33.3
SRAC0041	24	39	15	432	21.6	11.8	23.7

Hole ID	From (m)	To (m)	Interval (m)	TREO (ppm)	% Mag REO (%)	% HREO (%)	% CREO (%)
SRAC0008	30	39	9	431	21.8	9.5	22.3
SRAC0153	24	42	18	409	23.0	10.7	24.0
SRAC0005	30	39	9	406	17.8	21.7	28.9
SRAC0158	0	12	12	403	26.8	16.6	31.8
SRAC0006	36	39	3	403	22.0	9.7	22.4
SRAC0171	0	7	7	373	22.5	6.7	21.0
SRAC0163	15	18	3	362	22.9	16.7	28.5
SRAC0149	57	60	3	351	20.7	6.3	19.2
SRAC0079	26	29	3	343	22.7	9.8	23.2
SRAC0153	12	15	3	337	6.7	4.4	7.9
SRAC0162	6	9	3	337	25.0	11.5	26.5
SRAC0005	3	6	3	335	23.8	20.1	31.5
SRAC0007	27	39	12	326	22.0	10.2	22.8
SRAC0146	0	3	3	305	26.4	20.4	34.0
SRAC0093	37	40	3	304	22.4	8.8	22.6

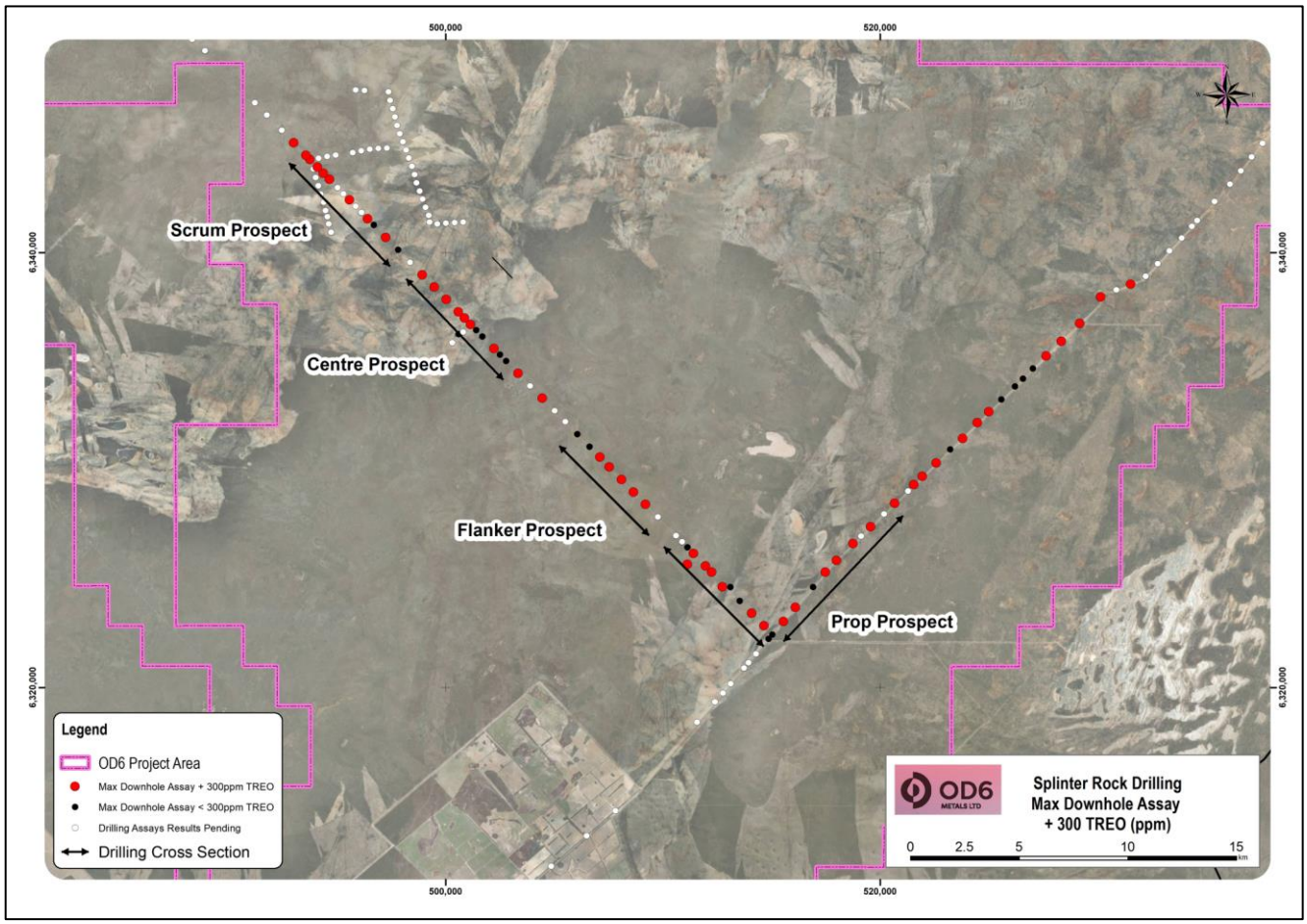


Figure 4 Drill locations with assays greater than 300ppm cut-off grade

Scrum Prospect The Scrum Prospect extends for approximately 6 km along a northwest-southeast drill line and is yet to be constrained to the northeast and southwest. Clay hosted rare earth are located in thick areas of the prospect and vary between 12 to 33m with TREO assay values up to 1565ppm at a 300ppm cut off grade. The prospect contains a shallow amount of transported cover and saprolitic clays of approximately 20 to 25m above the clay hosted rare earth areas as detailed in the following cross section.

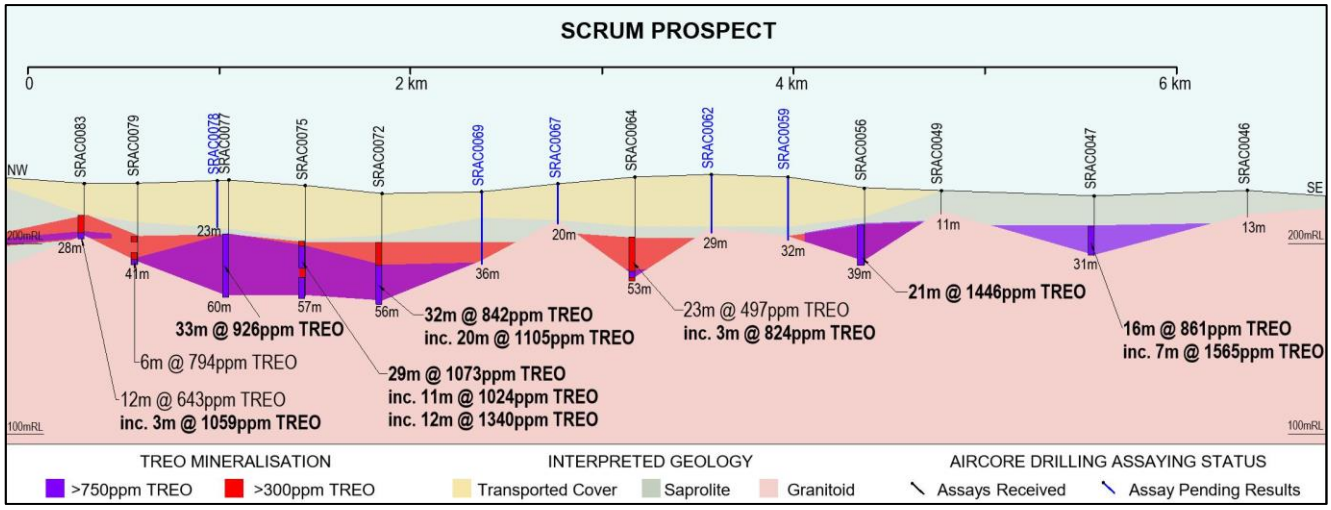


Figure 5 Scrum Prospect Cross Section (vertical exaggeration x20)

Centre Prospect The Centre Prospect extends for approximately 5 km along a northwest-southeast drill line and is yet to be constrained to the northeast and southwest. Clay hosted rare earth are located in thick areas of the prospect and vary between 10 to 30m with TREO assay values up to 2287ppm at a 300ppm cut off grade. The prospect contains a shallow amount of transported cover and saprolitic clays of approximately 20m above the clay hosted rare earth areas as detailed in the following cross section.

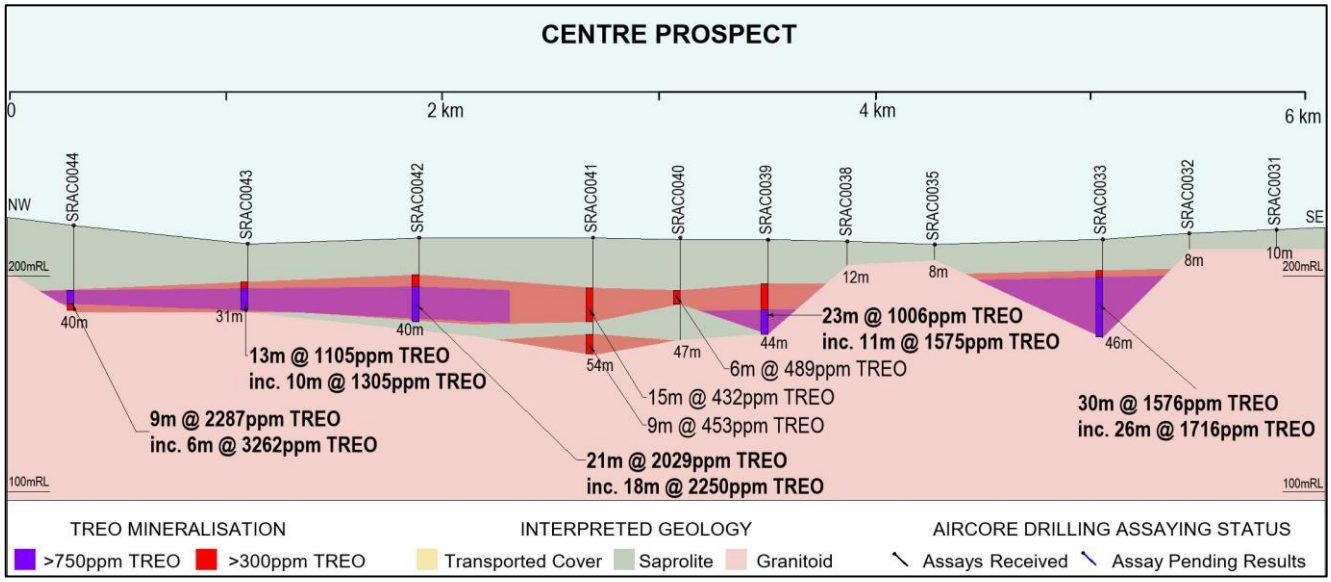


Figure 6 Centre Prospect Cross Section (vertical exaggeration x20)

Flanker Prospect The Flanker Prospect extends for approximately 4 km along a northwest-southeast drill line and is yet to be constrained to the northeast and southwest. Clay hosted rare earth are located in thick areas of the prospect and vary between 20 to 30m with TREO assay values up to 1623ppm at a 300ppm cut off grade. The prospect contains a shallow amount of transported cover and saprolitic clays of approximately 5-15m above the clay hosted rare earth areas as detailed in the following cross section.

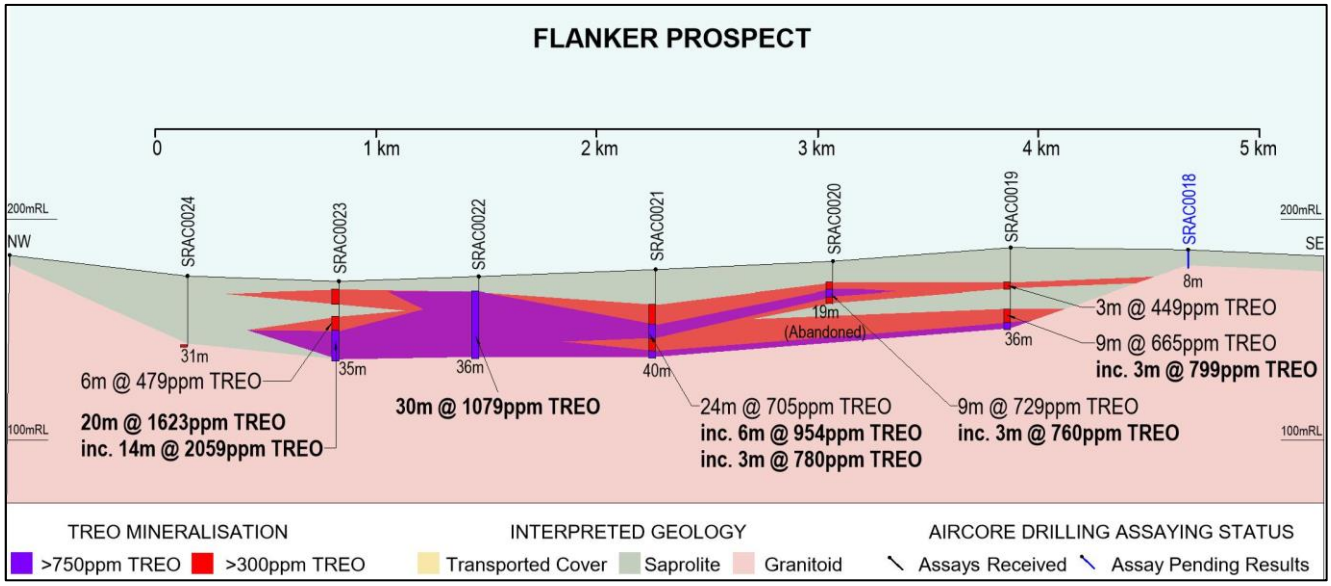


Figure 7 Flanker Prospect Cross Section (vertical exaggeration x20)

Prop Prospect The Prop Prospect extends 5 km to the northwest-southeast and 7km to the northeast-southwest on 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 -27m above the clay hosted rare earth areas as detailed in the following cross section.

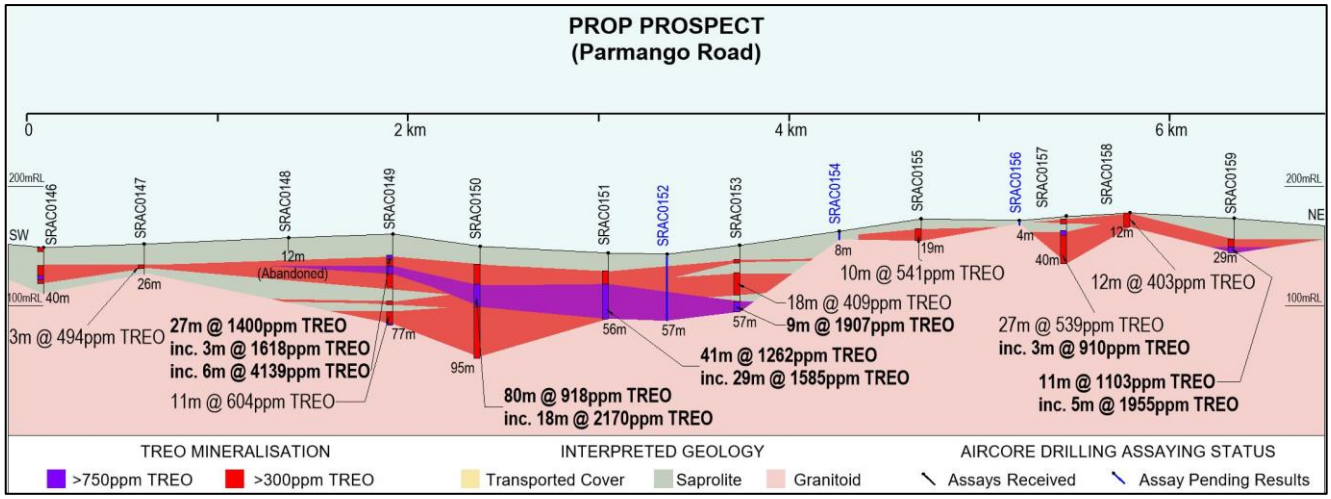


Figure 8 Prop Prospect Cross Section – NE-SW Parmango Road (vertical exaggeration x20)

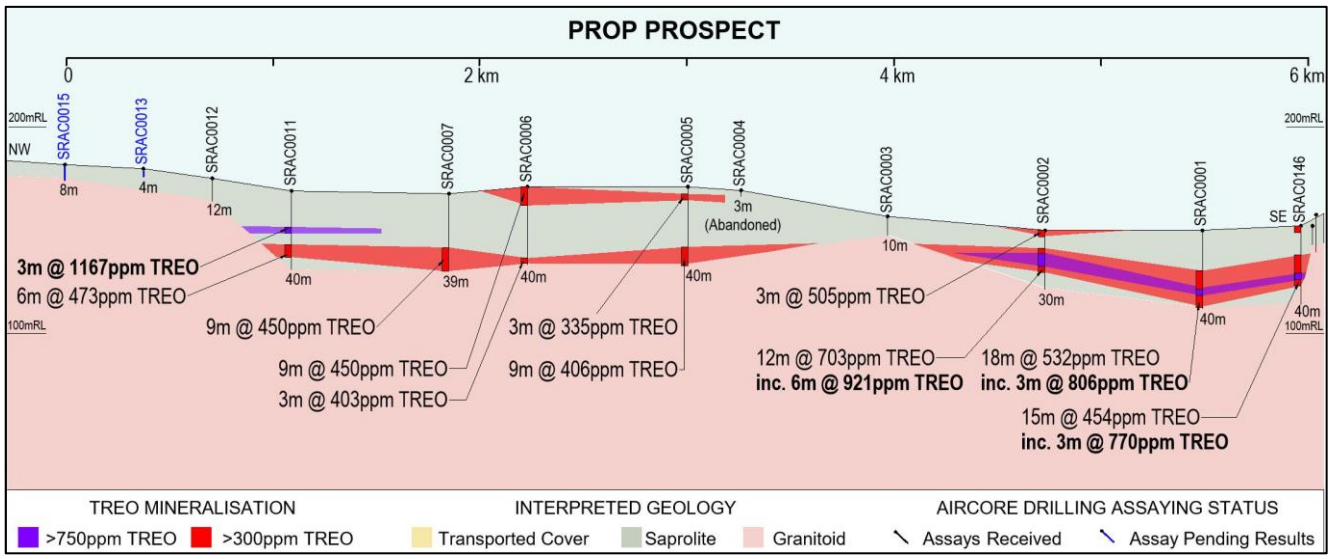


Figure 9 Prop Prospect Cross Section – NW-SE Drill Line (vertical exaggeration x20)

Completed drill Program

The Splinter Rock Project is a 2,579km^2 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.

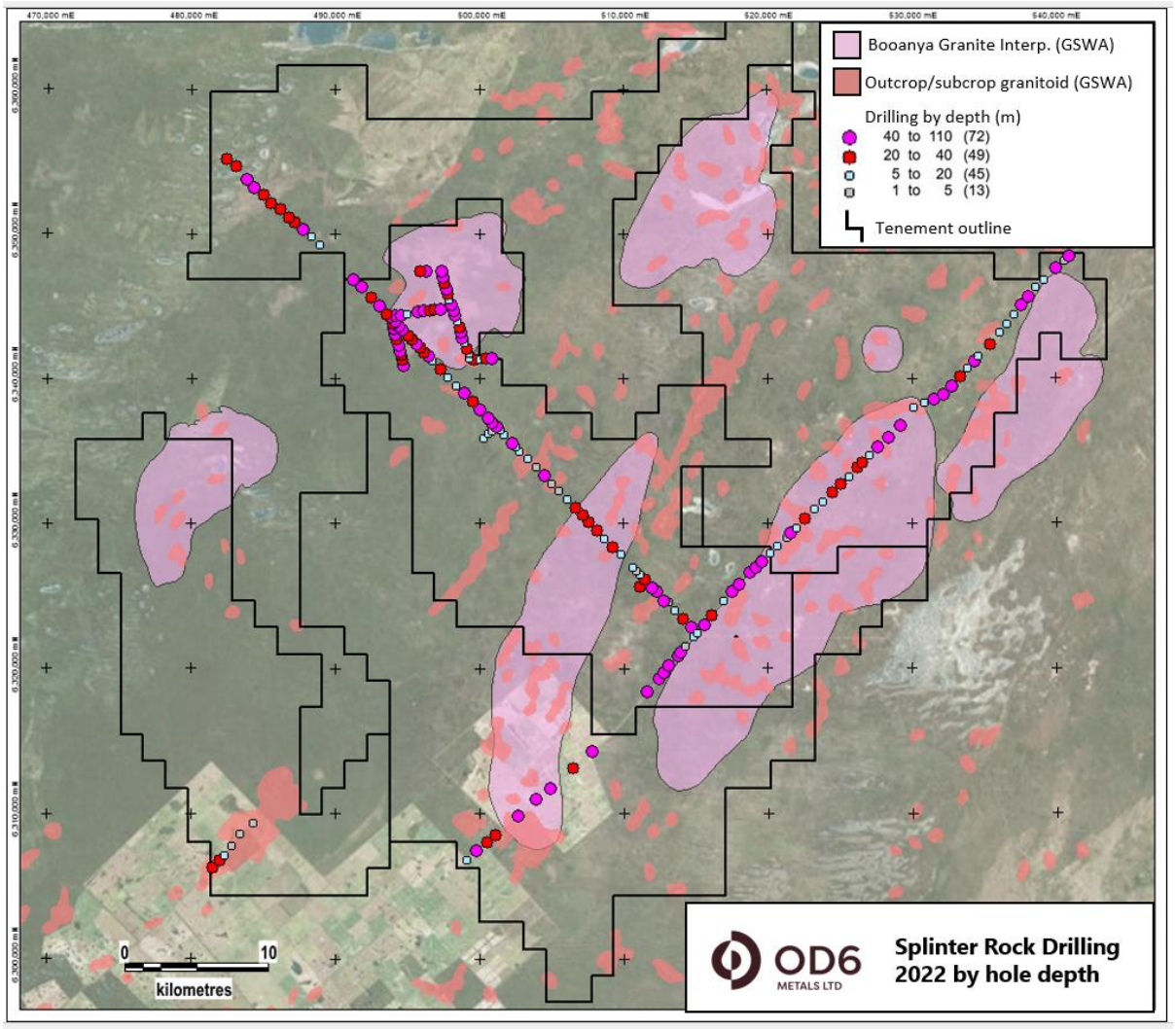


Figure 10 Splinter Rock Project (2,579km2) showing drill locations, depth of hole and location of granites

Assay timeline Pending assay results are expected to be progressively received over the coming weeks.

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

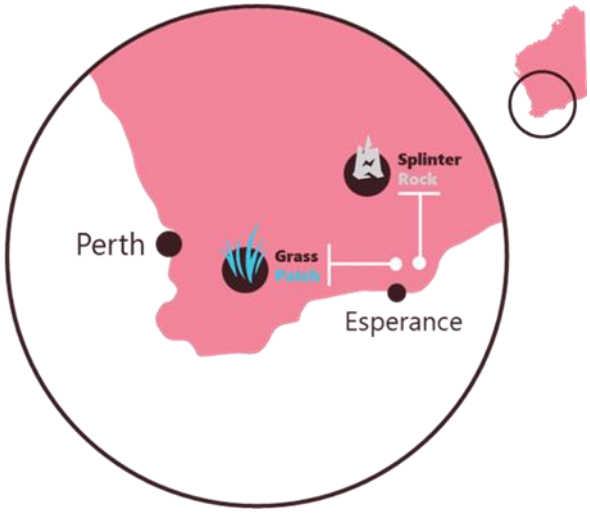
Certain information in this document refers to the intentions of OD6 Metals, however these are not intended to be forecasts, forward looking statements, or statements about the future matters for the purposes of the Corporations Act or any other applicable law. Statements regarding plans with respect 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)
SRAC0001	21	39	18	532	66	130	114	105	15
Incl.	30	33	3	807	96	201	184	169	21
SRAC0002	0	3	3	505	111	162	113	99	17
SRAC0002	9	21	12	703	90	184	165	153	18
Incl.	12	18	6	922	108	237	224	208	20
SRAC0005	3	6	3	335	67	105	80	71	13
SRAC0005	30	39	9	406	88	117	72	64	13
SRAC0006	0	9	9	450	83	132	102	92	12
SRAC0006	36	39	3	403	39	90	89	83	21
SRAC0007	27	39	12	326	33	75	72	67	13
SRAC0008	9	12	3	561	103	175	138	126	10
SRAC0008	30	39	9	431	41	96	94	88	14
SRAC0011	18	21	3	1167	54	98	80	74	13
SRAC0011	27	33	6	473	32	90	94	89	20
SRAC0019	15	18	3	449	37	92	95	89	15
SRAC0019	27	36	9	665	66	156	155	145	15
Incl.	33	36	3	800	90	197	191	176	14
SRAC0020	9	18	9	729	58	152	153	145	11
Incl.	12	15	3	761	52	147	150	143	12
SRAC0021	15	39	24	705	90	185	167	155	11
Incl.	24	30	6	955	113	228	203	189	14
Incl.	36	39	3	779	98	207	189	176	12
SRAC0022	6	36	30	1079	138	291	265	247	25
SRAC0023	3	9	6	479	42	134	145	138	13
SRAC0023	15	35	20	1623	187	405	376	350	39
Incl.	21	35	14	2059	249	521	474	440	47
SRAC0028	6	52	46	800	104	206	180	167	14
Incl.	15	18	3	770	108	216	190	176	16
Incl.	45	52	7	2227	334	609	512	469	16
SRAC0030	9	12	3	678	42	122	133	128	4
SRAC0033	15	45	30	1576	96	327	349	337	11
Incl.	18	45	27	1716	103	356	380	368	11
SRAC0039	21	44	23	1006	89	232	238	226	14
Incl.	33	44	11	1575	136	373	388	370	14
SRAC0040	24	30	6	490	55	110	96	90	16
SRAC0041	24	39	15	432	51	103	94	87	13
SRAC0041	45	54	9	453	38	93	91	87	6
SRAC0042	18	39	21	2029	208	497	490	462	19
Incl.	21	39	18	2249	234	557	549	517	19
SRAC0043	18	31	13	1105	195	323	248	227	26
Incl.	21	31	10	1306	237	387	292	267	27

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)
SRAC0044	30	39	9	2287	240	578	555	523	36
Incl.	30	36	6	3262	344	832	798	753	49
SRAC0047	15	31	16	861	58	208	228	220	10
Incl.	24	31	7	1565	110	399	434	419	13
SRAC0056	18	39	21	1446	149	350	326	309	30
SRAC0064	30	53	23	497	78	131	109	99	18
Incl.	48	51	3	824	175	261	190	172	18
SRAC0072	24	56	32	842	107	218	193	180	23
Incl.	36	56	20	1106	139	285	251	235	29
SRAC0075	28	57	29	1073	135	282	251	234	33
Incl.	30	42	12	1337	135	323	310	290	35
Incl.	46	57	11	1024	150	282	231	215	36
SRAC0077	27	60	33	926	116	243	217	202	34
SRAC0079	26	29	3	343	34	80	78	73	11
SRAC0079	35	41	6	794	108	216	187	174	29
Incl.	38	41	3	959	127	265	232	218	35
SRAC0083	15	27	12	643	70	155	144	136	15
Incl.	24	27	3	1059	135	289	258	244	13
SRAC0093	37	40	3	304	27	69	68	64	9
SRAC0093	55	61	6	466	38	94	92	87	9
SRAC0146	0	3	3	305	62	104	80	73	13
SRAC0146	15	30	15	454	26	67	69	65	10
Incl.	24	27	3	770	28	71	72	68	7
SRAC0147	18	21	3	494	46	118	117	110	17
SRAC0149	18	45	27	1400	158	355	324	305	10
Incl.	18	21	3	1619	122	435	468	449	10
Incl.	27	33	6	4139	455	1026	937	880	15
SRAC0149	57	60	3	351	22	68	73	69	5
SRAC0149	66	77	11	604	79	182	170	160	7
Incl.	75	77	2	1668	283	624	562	529	18
SRAC0150	15	95	80	918	59	131	124	116	11
Incl.	33	51	18	2170	61	126	113	106	13
SRAC0151	15	56	41	1262	173	349	304	283	31
Incl.	27	56	29	1585	225	449	387	360	37
SRAC0153	12	15	3	337	15	26	23	21	15
SRAC0153	24	42	18	409	44	98	94	88	15
SRAC0153	48	57	9	1907	157	443	442	419	35
SRAC0155	9	19	10	541	36	101	105	99	24
SRAC0157	3	6	3	458	49	93	81	75	11
SRAC0157	12	39	27	539	57	124	115	107	16
Incl.	12	15	3	910	57	187	202	193	13
SRAC0158	0	12	12	403	67	128	108	101	7
SRAC0159	18	29	11	1103	43	196	232	225	16
Incl.	24	29	5	1956	70	345	412	401	21

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)
SRAC0161	12	17	5	1146	108	259	250	235	22
Incl.	12	15	3	1648	120	347	358	341	24
SRAC0162	6	9	3	337	39	89	84	79	14
SRAC0162	21	24	3	1223	155	333	304	283	16
SRAC0163	3	6	3	456	51	106	98	91	13
SRAC0163	15	18	3	362	60	103	83	76	12
SRAC0168	21	24	3	521	88	154	129	117	24
SRAC0168	33	45	12	516	66	147	139	130	12
SRAC0169	24	30	6	1162	120	299	294	276	14
Incl.	24	27	3	1901	194	499	497	467	15
SRAC0170	15	18	3	635	71	170	166	156	11
SRAC0171	0	7	7	373	25	78	84	80	4
SRAC0173	36	57	21	446	102	148	109	94	59

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
SRAC0002	Aircore	514097	6323405	148.4	-90	30	Reported
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
SRAC0006	Aircore	512256	6325294	170.5	-90	40	Reported
SRAC0007	Aircore	511976	6325580	166.7	-90	39	Reported
SRAC0008	Aircore	511133	6325653	166.6	-90	40	Reported
SRAC0011	Aircore	511417	6326153	168.3	-90	40	Reported
SRAC0012	Aircore	511135	6326440	175.2	-90	12	No significant intercepts
SRAC0013	Aircore	510889	6326694	179.8	-90	4	Pending
SRAC0015	Aircore	510608	6326979	182.1	-90	8	Pending

Hole ID	Type	Easting	Northing	RL (m)	Dip (degrees)	End of Hole (m)	Assay Status
SRAC0018	Aircore	509773	6327840	187.8	-90	8	Pending
SRAC0019	Aircore	509214	6328412	188.6	-90	36	Reported
SRAC0020	Aircore	508656	6328986	182.5	-90	19	Reported
SRAC0021	Aircore	508100	6329561	178.8	-90	40	Reported
SRAC0022	Aircore	507541	6330133	175.6	-90	36	Reported
SRAC0023	Aircore	507103	6330585	173.2	-90	35	Reported
SRAC0024	Aircore	506627	6331075	175.9	-90	31	Reported
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	Pending
SRAC0028	Aircore	504457	6333303	197.8	-90	52	Reported
SRAC0029	Aircore	503897	6333874	201.6	-90	2	Pending
SRAC0030	Aircore	503345	6334444	214.3	-90	12	Reported
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
SRAC0034	Aircore	500301	6335852	210.2	-90	8	Pending
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
SRAC0040	Aircore	500874	6336983	206.2	-90	47	Reported
SRAC0041	Aircore	500595	6337270	207.1	-90	54	Reported
SRAC0042	Aircore	500036	6337842	207.3	-90	40	Reported
SRAC0043	Aircore	499486	6338407	204.3	-90	31	Reported
SRAC0044	Aircore	498927	6338980	212.4	-90	40	Reported
SRAC0045	Aircore	498368	6339552	222.2	-90	5	Pending
SRAC0046	Aircore	497813	6340128	228.2	-90	13	No significant intercepts
SRAC0047	Aircore	497254	6340700	225.6	-90	31	Reported
SRAC0048	Aircore	494735	6340935	227.2	-90	44	Pending
SRAC0049	Aircore	496697	6341274	227.7	-90	11	No significant intercepts
SRAC0050	Aircore	494628	6341318	231.0	-90	34	Pending
SRAC0051	Aircore	499615	6341327	221.5	-90	31	Pending
SRAC0052	Aircore	500014	6341356	217.1	-90	12	Pending
SRAC0053	Aircore	500412	6341386	214.1	-90	22	Pending
SRAC0054	Aircore	500810	6341402	209.0	-90	51	Pending
SRAC0055	Aircore	499269	6341403	226.8	-90	17	Pending
SRAC0056	Aircore	496417	6341560	229.5	-90	39	Reported
SRAC0057	Aircore	494562	6341649	228.0	-90	34	Pending
SRAC0058	Aircore	499232	6341718	227.3	-90	3	Not assayed
SRAC0059	Aircore	496138	6341847	235.2	-90	32	Pending

Hole ID	Type	Easting	Northing	RL (m)	Dip (degrees)	End of Hole (m)	Assay Status
SRAC0060	Aircore	494475	6341935	223.9	-90	45	Pending
SRAC0061	Aircore	499074	6342085	232.8	-90	20	Pending
SRAC0062	Aircore	495861	6342135	236.2	-90	29	Pending
SRAC0063	Aircore	494385	6342319	220.4	-90	60	Pending
SRAC0064	Aircore	495583	6342422	235.0	-90	53	Reported
SRAC0065	Aircore	498941	6342458	229.4	-90	13	Pending
SRAC0066	Aircore	494250	6342692	229.1	-90	37	Pending
SRAC0067	Aircore	495302	6342707	231.6	-90	20	Pending
SRAC0068	Aircore	498814	6342837	226.1	-90	46	Pending
SRAC0069	Aircore	495022	6342993	227.2	-90	36	Pending
SRAC0070	Aircore	494143	6343077	234.1	-90	96	Pending
SRAC0071	Aircore	498663	6343206	224.9	-90	57	Pending
SRAC0072	Aircore	494659	6343366	226.4	-90	56	Reported
SRAC0073	Aircore	494019	6343456	234.1	-90	48	Pending
SRAC0074	Aircore	498574	6343594	225.1	-90	36	Pending
SRAC0075	Aircore	494379	6343652	230.4	-90	57	Reported
SRAC0076	Aircore	493923	6343845	232.6	-90	23	Pending
SRAC0077	Aircore	494103	6343941	233.6	-90	60	Reported
SRAC0078	Aircore	498448	6343973	228.3	-90	18	Pending
SRAC0079	Aircore	493769	6344282	231.5	-90	41	Reported
SRAC0080	Aircore	494158	6344343	230.4	-90	63	Pending
SRAC0081	Aircore	498310	6344348	234.6	-90	86	Pending
SRAC0082	Aircore	494550	6344422	229.2	-90	46	Pending
SRAC0083	Aircore	493576	6344481	231.3	-90	28	Reported
SRAC0084	Aircore	494944	6344493	219.0	-90	7	Not assayed
SRAC0086	Aircore	495733	6344602	219.1	-90	40	Pending
SRAC0087	Aircore	496123	6344681	221.2	-90	44	Pending
SRAC0088	Aircore	498184	6344725	225.6	-90	51	Pending
SRAC0090	Aircore	496510	6344755	221.8	-90	38	Pending
SRAC0091	Aircore	496905	6344791	222.3	-90	32	Pending
SRAC0092	Aircore	497305	6344810	224.0	-90	46	Pending
SRAC0093	Aircore	493018	6345055	236.8	-90	63	Reported
SRAC0094	Aircore	498040	6345102	230.6	-90	89	Pending
SRAC0095	Aircore	497889	6345471	245.5	-90	7	Pending
SRAC0096	Aircore	492460	6345627	240.6	-90	30	Pending
SRAC0097	Aircore	497765	6345851	248.6	-90	23	Pending
SRAC0098	Aircore	497669	6346239	240.1	-90	45	Pending
SRAC0099	Aircore	491777	6346326	236.9	-90	58	Pending
SRAC0100	Aircore	497566	6346624	234.6	-90	25	Pending
SRAC0101	Aircore	491216	6346897	239.9	-90	48	Pending
SRAC0102	Aircore	497452	6347008	225.5	-90	64	Pending
SRAC0103	Aircore	497372	6347399	221.7	-90	53	Pending

Hole ID	Type	Easting	Northing	RL (m)	Dip (degrees)	End of Hole (m)	Assay Status
SRAC0107	Aircore	496263	6347464	230.4	-90	55	Pending
SRAC0108	Aircore	495867	6347481	234.4	-90	22	Pending
SRAC0110	Aircore	488929	6349288	239.1	-90	9	Pending
SRAC0111	Aircore	488334	6349821	244.1	-90	17	Pending
SRAC0112	Aircore	487772	6350287	239.5	-90	41	Pending
SRAC0113	Aircore	487156	6350793	239.5	-90	30	Pending
SRAC0114	Aircore	486746	6351157	239.0	-90	24	Pending
SRAC0115	Aircore	486161	6351688	238.7	-90	38	Pending
SRAC0116	Aircore	485528	6352177	239.0	-90	29	Pending
SRAC0117	Aircore	484947	6352719	229.8	-90	30	Pending
SRAC0118	Aircore	484301	6353188	221.4	-90	42	Pending
SRAC0119	Aircore	483811	6353805	219.6	-90	44	Pending
SRAC0120	Aircore	483036	6354697	219.4	-90	23	Pending
SRAC0121	Aircore	482409	6355159	218.9	-90	22	Pending
SRAC0122	Aircore	481494	6306272	197.6	-90	26	Pending
SRAC0123	Aircore	481994	6306788	191.5	-90	22	Pending
SRAC0124	Aircore	482294	6307105	195.4	-90	13	Pending
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	Pending
SRAC0129	Aircore	499796	6307424	157.2	-90	40	Pending
SRAC0130	Aircore	500516	6308034	167.6	-90	27	Pending
SRAC0131	Aircore	501078	6308520	173.5	-90	27	Pending
SRAC0132	Aircore	502666	6309871	169.1	-90	40	Pending
SRAC0133	Aircore	503925	6310976	161.6	-90	40	Pending
SRAC0134	Aircore	504859	6311766	149.6	-90	42	Pending
SRAC0135	Aircore	506496	6313172	152.1	-90	30	Pending
SRAC0136	Aircore	507821	6314324	147.6	-90	40	Pending
SRAC0137	Aircore	511578	6318400	152.0	-90	40	Pending
SRAC0138	Aircore	512396	6319328	150.6	-90	40	Pending
SRAC0139	Aircore	512769	6319741	149.8	-90	40	Pending
SRAC0140	Aircore	513128	6320172	149.4	-90	40	Pending
SRAC0141	Aircore	513737	6320889	148.6	-90	111	Pending
SRAC0142	Aircore	513951	6321139	153.2	-90	76	Pending
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
SRAC0147	Aircore	516107	6323680	153.8	-90	26	Reported
SRAC0148	Aircore	516916	6324615	159.1	-90	12	No significant intercepts
SRAC0149	Aircore	517485	6325298	161.8	-90	77	Reported

Hole ID	Type	Easting	Northing	RL (m)	Dip (degrees)	End of Hole (m)	Assay Status
SRAC0150	Aircore	517999	6325835	151.7	-90	95	Reported
SRAC0151	Aircore	518765	6326608	145.9	-90	56	Reported
SRAC0152	Aircore	519126	6326958	145.2	-90	57	Pending
SRAC0153	Aircore	519564	6327391	152.7	-90	57	Reported
SRAC0154	Aircore	520179	6327977	164.5	-90	8	Pending
SRAC0155	Aircore	520679	6328464	175.3	-90	19	Reported
SRAC0156	Aircore	521287	6329037	173.7	-90	4	Pending
SRAC0157	Aircore	521560	6329326	177.1	-90	40	Reported
SRAC0158	Aircore	521948	6329703	180.2	-90	12	Reported
SRAC0159	Aircore	522586	6330321	175.3	-90	29	Reported
SRAC0160	Aircore	523231	6330951	168.0	-90	9	No significant intercepts
SRAC0161	Aircore	523804	6331449	158.5	-90	17	Reported
SRAC0162	Aircore	524486	6332174	168.1	-90	24	Reported
SRAC0163	Aircore	525010	6332681	170.3	-90	24	Reported
SRAC0164	Aircore	525590	6333243	178.4	-90	9	Pending
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
SRAC0169	Aircore	528342	6335925	178.6	-90	39	Reported
SRAC0170	Aircore	529190	6336745	181.1	-90	40	Reported
SRAC0171	Aircore	530156	6337959	177.0	-90	7	Reported
SRAC0172	Aircore	530876	6338290	172.7	-90	13	Pending
SRAC0173	Aircore	531540	6338548	163.9	-90	60	Reported
SRAC0174	Aircore	532232	6338911	163.8	-90	41	Pending
SRAC0175	Aircore	532777	6339496	161.1	-90	46	Pending
SRAC0176	Aircore	533318	6340087	164.6	-90	38	Pending
SRAC0177	Aircore	533882	6340665	167.7	-90	14	Pending
SRAC0178	Aircore	534347	6341212	165.8	-90	44	Pending
SRAC0179	Aircore	534595	6341484	161.7	-90	6	Not assayed
SRAC0180	Aircore	535398	6342356	158.1	-90	37	Pending
SRAC0181	Aircore	536103	6343145	166.8	-90	16	Pending
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	Pending
SRAC0185	Aircore	538089	6345672	156.2	-90	88	Pending
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	Pending
SRAC0189	Aircore	540589	6348129	159.3	-90	5	Not assayed
SRAC0190	Aircore	540957	6348449	157.5	-90	70	Pending

OD6 METALS LTD

ASX Announcement

10 November 2022

ASX: OD6

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)
SRAC0001	21	24	3	67.4	202.7	19.9	70.1	10.1	1.6	5.4	0.8	3.9	0.6	1.6	0.2	1.4	0.2	16.1	402	8.6
SRAC0001	33	36	3	83.4	254.3	20.7	68.5	11.8	2.1	8.6	1.5	8	1.5	3.7	0.5	2.6	0.4	40.1	507	23.9
SRAC0001	36	39	3	111.8	266.6	24.2	75.9	12.3	2.3	9.4	1.6	9.3	1.8	4.6	0.6	3.1	0.4	50.9	575	16.3
SRAC0001	27	30	3	132.5	289.9	30.6	105.4	16.2	2.5	10.7	1.9	9.7	1.6	4.2	0.5	2.9	0.4	42.8	652	16.3
SRAC0001	30	33	3	170.1	351.3	37.7	131.2	20.4	3.3	13.7	2.3	12.7	2.2	5.3	0.7	3.7	0.5	51.9	807	21.2
SRAC0002	9	12	3	79.6	161.5	17.3	55.2	8.9	1.5	6.1	1	5.5	1	2.5	0.4	2.2	0.3	25.9	369	21.3
SRAC0002	0	3	3	81.9	197.2	22.5	76.9	14.8	2.1	12.5	2	11.4	2.3	6	0.8	4.4	0.6	69.2	505	17.5
SRAC0002	18	21	3	126.7	232.8	28.9	96.1	15.7	2.9	11.5	1.7	9	1.7	4.3	0.6	3	0.4	62.5	598	11.2
SRAC0002	15	18	3	199.4	358.7	46.4	149.3	23.9	3.9	16.3	2.4	12.4	2.2	5.3	0.7	3.6	0.5	56.4	881	19.9
SRAC0002	12	15	3	227.5	374.7	52.3	168	27.5	4.3	18.7	2.7	13.8	2.4	5.6	0.7	3.8	0.5	60.1	963	20.9
SRAC0005	3	6	3	59.2	126.5	16.1	55.3	10.4	1.8	8.2	1.1	7.1	1.4	3.7	0.5	2.9	0.4	40.1	335	12.6
SRAC0005	30	33	3	69.6	192.2	15.5	47.2	7	1.2	4.6	0.7	3.7	0.7	2	0.3	1.9	0.3	19.2	366	18.1
SRAC0005	36	39	3	43.8	111.2	10.1	34.1	8	0.8	11.3	2.1	13.2	3.1	8.9	1.1	5.8	0.9	124.2	378	4.1
SRAC0005	33	36	3	109.8	212.5	21.5	62.4	9.3	1.5	6.8	1.1	5.7	1.2	3.3	0.5	2.7	0.4	34.9	473	17.6
SRAC0006	3	6	3	67.8	102	18	62.2	11.1	2.1	10.9	1.6	9	1.9	4.9	0.6	3.6	0.5	57.9	354	11.8
SRAC0006	36	39	3	103.2	168.9	20.8	62.5	8.8	1.5	6.1	0.9	4.7	0.8	2.2	0.3	1.7	0.2	20.7	403	20.9
SRAC0006	0	3	3	92.7	189.2	19.6	60.2	11.6	0.7	9.9	1.7	9.4	1.9	5.3	0.7	4.3	0.7	50	458	4.3
SRAC0006	6	9	3	110	228.5	27.3	88.1	15	2.1	9.9	1.5	8.2	1.5	3.8	0.5	3	0.4	40	540	19
SRAC0007	27	30	3	82.3	138.2	15.6	47.5	7	1.2	4.8	0.7	3.9	0.7	1.9	0.3	1.6	0.2	16.6	323	17.8
SRAC0007	36	39	3	87.4	165.8	18.7	62.5	9.6	1.6	6.6	1	5.5	1	2.8	0.4	2.4	0.4	24.6	390	12.7
SRAC0007	30	33	3	155.4	245.7	29.6	94.3	13.5	2.5	9	1.3	6.8	1.1	3.1	0.4	2.2	0.3	28.3	593	20.6
SRAC0008	36	39	3	87.3	167.1	18.1	55.9	8.5	1.3	5.4	0.8	4	0.7	2	0.3	1.7	0.3	20.6	374	10.4
SRAC0008	30	33	3	102.6	193.5	21.8	68.6	10.3	1.7	6.5	1	4.9	0.9	2.2	0.3	1.7	0.2	20.8	437	17.2
SRAC0008	33	36	3	123.1	200.2	24.5	76.2	11.6	1.8	6.9	1.1	5.1	0.9	2.5	0.3	1.9	0.3	24.5	481	15.8
SRAC0008	9	12	3	114.8	200.8	27.2	98.9	15.6	2.6	12.2	1.9	10.1	2.1	6.2	0.9	4.9	0.8	61.7	561	10.1
SRAC0011	30	33	3	86	222.3	18	54.8	8.2	0.8	4.6	0.7	3.1	0.5	1.1	0.1	0.8	0.1	12.8	414	19.9
SRAC0011	27	30	3	133.1	243.2	25.5	80.1	10.9	1.3	6.3	0.9	4.3	0.8	2	0.3	1.5	0.2	21.8	532	19.9
SRAC0011	18	21	3	54.2	975.4	16.1	57.6	9.4	1.7	6.4	1	5.8	1.1	3	0.4	2.6	0.4	32	1167	13.3
SRAC0019	15	18	3	154.2	158.5	23.2	66	10.1	0.9	7.2	1	4.7	0.7	1.7	0.2	1.4	0.2	19.1	449	14.9
SRAC0019	27	30	3	96.8	210.7	23	75.5	11.4	1	8	1.1	5.3	0.9	2.1	0.3	1.7	0.3	20.7	459	16.3
SRAC0019	30	33	3	147.2	344	36.3	122.5	20.2	1.6	14.1	1.9	8.9	1.4	3.1	0.4	2.1	0.3	32	736	15.2

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)
SRAC0019	33	36	3	163	346.4	40.6	135.9	24.5	1.8	17.3	2.5	11.7	1.8	4.5	0.6	3.4	0.5	45.5	800	14.1
SRAC0020	9	12	3	182.4	278.9	37.2	127.1	17.3	2.7	12	1.8	8.8	1.5	3.7	0.5	2.5	0.3	35.2	712	9
SRAC0020	15	18	3	160.7	364.8	30	96	12.8	1.8	7.3	1.1	5.4	1	2.7	0.4	2.3	0.3	29.3	716	12.4
SRAC0020	12	15	3	179.4	371	33.2	110	14.6	2.2	8.4	1.3	5.8	1	2.8	0.4	2.3	0.3	28.1	761	11.5
SRAC0021	15	18	3	91.4	95.1	15.9	51.7	7.5	1.2	5.4	0.8	4.5	0.8	2.3	0.3	1.9	0.3	22.4	301	7.7
SRAC0021	18	21	3	140.7	192.9	33.5	115.2	17.3	2.7	11.5	1.7	9.7	1.7	5.1	0.7	4.3	0.6	49.7	587	10.4
SRAC0021	30	33	3	164.2	226.6	33.1	109.3	15.5	2.6	10.2	1.5	8.8	1.6	4.9	0.7	4.3	0.6	46.7	631	10.7
SRAC0021	33	36	3	167.1	262.9	35.8	119.6	16.6	2.7	11.2	1.6	9.5	1.7	5.2	0.7	4.5	0.6	52.3	692	9.8
SRAC0021	21	24	3	157.2	294.8	38.5	133	20.2	3.2	13.3	2	11.3	2	5.8	0.8	5	0.7	54.6	742	11
SRAC0021	36	39	3	173	312	40.5	135.9	19.7	3.1	12.7	1.9	10.6	1.9	5.8	0.8	5	0.7	55.8	779	12.4
SRAC0021	27	30	3	181.2	347.6	41.8	139.4	19.4	3.1	12.5	1.9	10.5	1.9	5.6	0.8	5	0.7	53.7	825	14.6
SRAC0021	24	27	3	202.3	531.9	45	151.6	23.1	3.7	16.4	2.4	14.2	2.6	7.5	1	6.3	0.9	75.7	1085	14
SRAC0022	15	18	3	138.4	198.4	29.2	86.6	11.8	2.1	7.6	1	5	0.8	2.2	0.3	1.8	0.3	22.6	508	22.1
SRAC0022	12	15	3	216.4	305.9	47.5	158.6	23.2	3.9	16.4	2.3	12.7	2.4	6.9	0.9	4.8	0.6	69.2	872	21.9
SRAC0022	18	21	3	253.3	313.2	56.8	190.1	26.8	4.5	16.9	2.1	10.7	1.6	4	0.4	2.6	0.3	35.1	919	24.5
SRAC0022	9	12	3	219.9	308.3	53	183.7	28.2	4.8	21.4	3	18.1	3.6	10.1	1.2	6.8	0.7	94.7	958	21.2
SRAC0022	6	9	3	254.5	399.2	66.6	238	36.3	6	22.7	2.9	16.4	2.9	8	0.9	5.4	0.6	74	1134	21.6
SRAC0022	27	30	3	211.7	511	54.3	179	26.9	4.7	20.1	2.7	16.8	3.4	10.6	1.4	9	1.2	104.6	1157	20.6
SRAC0022	21	24	3	268.6	518.4	65.6	230.4	36.3	6.3	26.6	3.4	17.6	2.6	6.4	0.7	4	0.5	56.4	1244	22.4
SRAC0022	33	36	3	216.4	579.8	54.6	191.9	28.8	4.8	20.4	2.7	16.5	3.3	10.8	1.6	10.6	1.6	120.3	1264	50
SRAC0022	30	33	3	253.3	592.1	66.6	231.5	34.9	5.7	23	3.1	17.4	3.2	9.7	1.3	8.3	1.2	105.8	1357	24.1
SRAC0022	24	27	3	270.9	615.4	67.9	220.5	34.6	5.8	26.2	3.6	20	3.5	9.5	1.1	6.5	0.8	91.2	1377	22.7
SRAC0023	3	6	3	144.3	143.7	32.1	103.9	13.5	2	8	1.1	5.4	0.9	2.2	0.3	1.5	0.2	18.7	478	13.8
SRAC0023	6	9	3	154.2	129.6	32.9	106.5	14.3	2.3	9.1	1.2	6.3	1	2.3	0.2	1.2	0.2	20.1	481	13
SRAC0023	15	18	3	190.6	214.4	36.7	106.4	12.4	2.4	7.2	1	5.1	0.8	2.2	0.2	1.3	0.2	22.5	603	21.8
SRAC0023	18	21	3	189.4	224.2	36	101.9	11.9	2.1	7	1	5	0.8	2.1	0.2	1.3	0.2	21.1	604	17.2
SRAC0023	30	33	3	221.1	654.7	63.9	235.6	38.7	6.8	27.6	4.1	23.8	4.5	13.4	1.9	11.7	1.7	136.5	1446	25.2
SRAC0023	33	35	2	232.2	668.3	64.8	233.3	37.5	6.9	26.1	3.7	21.6	4.2	13.1	1.9	12.2	1.8	132.1	1460	30.4
SRAC0023	21	24	3	407	771.4	106.3	347.6	45.1	7.3	24.7	3.3	16.9	2.6	6.5	0.7	3.6	0.5	62.1	1806	26.4
SRAC0023	27	30	3	295.6	986.4	96.2	393.1	78.4	14.7	67.7	10	59	10.5	30.3	4.2	27.3	3.9	260.3	2338	90.8
SRAC0023	24	27	3	450.4	1744.3	135.3	474.7	78.2	11.6	37.9	4.8	23.3	3.4	8.2	1	5.5	0.7	69.7	3049	59.1
SRAC0024	30	31	1	88.9	205.1	18	57.9	9.2	2	6	0.9	4.9	1	2.8	0.4	2.3	0.4	29	429	17.5
SRAC0028	21	24	3	75.3	146.2	15.4	49.6	7.1	1.7	4.5	0.6	3.3	0.6	1.7	0.2	1.4	0.2	20.5	328	6
SRAC0028	30	33	3	60.3	154.8	15	53.7	9	1.9	6.3	0.9	4.2	0.8	2.1	0.3	1.6	0.2	23.6	335	12.3
SRAC0028	6	9	3	93.2	162.2	13.5	42.7	6.8	0.7	5.5	0.8	4.4	0.8	2.1	0.3	1.4	0.2	24.1	359	9.8
SRAC0028	33	36	3	89.4	182.4	20.1	71.5	12.5	2.1	8.8	1.2	6	1.2	2.9	0.4	2	0.3	33.8	435	11.2
SRAC0028	42	45	3	95.8	213.7	24.3	74.8	12.2	2	7.7	0.9	4.8	0.9	2.3	0.3	1.8	0.3	26.5	468	8.3
SRAC0028	27	30	3	122.6	265.3	27.6	91.3	12.4	2.4	7.1	0.9	4.2	0.8	2	0.3	1.6	0.2	22.5	561	12.6
SRAC0028	9	12	3	163	245.7	24.8	78.9	11.4	1.2	8.2	1.2	6.4	1.2	3.1	0.4	2.2	0.3	34.4	582	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)
SRAC0028	39	42	3	118.5	264.1	29.5	94.7	16.3	2.1	11.6	1.4	7.3	1.2	3.3	0.4	2.2	0.3	33.1	586	14
SRAC0028	24	27	3	139	265.3	29.4	95.8	12.6	2.2	7.1	0.9	4.4	0.8	2.1	0.3	1.7	0.3	25	587	9.8
SRAC0028	18	21	3	135.5	265.3	29.4	97.2	15.1	2.1	9.6	1.5	7.3	1.3	3.3	0.4	2.2	0.3	37.3	608	20.2
SRAC0028	12	15	3	183	235.2	36.3	124.2	18	2.6	12.2	1.9	11	2.2	6.3	1	6.1	0.8	67.4	708	26.7
SRAC0028	36	39	3	138.4	323.1	33.4	118.4	18.6	2.4	13.8	1.9	10.1	2	5.5	0.8	4.2	0.6	63.5	737	20.1
SRAC0028	15	18	3	178.9	286.2	40	136.5	20.8	2.8	13.4	2.1	11.4	2.2	6	0.9	5.2	0.7	63.5	770	16.3
SRAC0028	45	48	3	171.8	442.2	47.1	163.3	28	4.3	21.2	2.8	15.3	2.7	7.2	0.9	4.9	0.7	78.6	991	24.2
SRAC0028	51	52	1	377.6	987.6	103.3	362.8	57.3	9.2	44	5.9	32.1	5.6	14.9	1.7	9.4	1.3	171.4	2184	4.3
SRAC0028	48	51	3	574.7	1541.6	163.7	564.5	91.8	14.6	81.5	10.4	58.9	10.2	27.4	3.2	17.9	2.4	314.9	3478	12.4
SRAC0030	9	12	3	207	292.4	34.8	92.7	9.4	2	5.5	0.7	4.4	0.8	2.5	0.4	2.4	0.3	22.6	678	3.5
SRAC0033	15	18	3	90.5	133.9	14	43.6	6.3	0.9	3.8	0.6	3	0.6	1.7	0.3	1.8	0.3	16.4	318	12.7
SRAC0033	42	45	3	307.3	710	71.4	243.8	32.8	4.1	17.2	2.2	10.8	2.1	5.6	0.8	4.7	0.8	75.4	1489	10.4
SRAC0033	18	21	3	460.9	776.4	94.6	299.8	35.4	5.3	17.2	2	9.7	1.7	4.5	0.7	4.1	0.7	55.9	1769	14
SRAC0033	39	42	3	374.1	846.4	88	303.3	39.5	5.4	21.1	2.7	12.5	2.4	6.2	0.9	5.2	0.8	77.3	1786	9.8
SRAC0033	27	30	3	395.2	992.6	77.6	250.8	30	4.4	14.8	1.8	8.4	1.5	4	0.6	3.2	0.5	45.8	1831	13.7
SRAC0033	21	24	3	526.6	913.9	104.6	332.4	40.5	5.7	19.8	2.4	10.9	1.9	4.8	0.7	3.8	0.6	57.5	2026	12.6
SRAC0033	36	39	3	438.6	974.1	107.9	365.1	46.3	6.1	20.8	2.5	11.9	2.1	5.6	0.8	4.9	0.8	68.1	2056	11.5
SRAC0033	24	27	3	551.2	970.4	121.4	398.9	50	7.6	26.6	3.3	15.2	2.7	6.9	1	5.7	0.8	76.7	2239	12.9
SRAC0033	33	36	3	492.6	1153.5	106.7	348.8	42.4	6	18.7	2.3	10.6	1.8	4.6	0.7	4	0.6	54.5	2248	12.7
SRAC0039	21	24	3	88.1	129	15	48.4	7	1	4.8	0.7	3.5	0.6	1.6	0.2	1.5	0.2	14.7	316	19.3
SRAC0039	24	27	3	120.2	191.6	23.5	71.6	10.5	1.6	6.7	0.9	4.7	0.8	2.2	0.3	1.7	0.2	19.2	456	17.5
SRAC0039	27	30	3	95.6	192.2	22.4	73.5	12.9	2	8.8	1.4	7.9	1.4	4.6	0.7	4.9	0.7	32.9	462	11
SRAC0039	30	33	3	200.6	314.5	33.6	89.9	11.9	1.5	7.2	1	5.8	1.1	3.2	0.5	3.3	0.5	26.9	701	10.7
SRAC0039	33	36	3	470.3	395.5	63.2	162.7	16	2	10.1	1.3	6.7	1.2	3.5	0.5	2.8	0.4	33.7	1170	11.5
SRAC0039	36	39	3	527.8	519.6	87.1	243.8	26.2	3.3	15.9	2.1	10.9	1.9	5.4	0.7	4.4	0.6	50.3	1500	14
SRAC0039	42	44	2	459.7	563.8	115.8	394.2	56.1	6.8	35.6	4.9	27.7	5.2	15.6	2.4	14.7	1.9	154.9	1859	12.1
SRAC0039	39	42	3	470.3	730.9	115	345.3	43.1	5.2	24.9	3.4	18.1	3.3	9.4	1.3	8	1.1	87.2	1866	16.9
SRAC0040	27	30	3	110.7	216.8	19	57.4	7.6	1.2	5.3	0.8	4.6	0.9	2.9	0.4	2.6	0.4	36.2	467	14.7
SRAC0040	24	27	3	127.8	215	24.5	79.3	11	1.7	7.1	1	5.7	1	3.1	0.4	2.7	0.4	32.1	513	18.1
SRAC0041	24	27	3	86.1	129.6	14.6	44.6	6.7	0.9	4	0.6	3	0.5	1.4	0.2	1.3	0.2	14.9	309	17
SRAC0041	36	39	3	63.2	127.1	15.1	52.3	9.5	1.5	6.1	1	5.4	1.1	3.2	0.5	3.3	0.6	26.8	317	5.8
SRAC0041	45	48	3	92.2	184.3	19	54.2	6.8	1.5	3.5	0.5	2.8	0.6	1.6	0.3	1.8	0.3	17	386	6.4
SRAC0041	51	54	3	106.8	191.6	20.1	57.7	6.7	1.7	3.9	0.6	3.3	0.7	2.1	0.4	2.5	0.4	23.6	422	6.7
SRAC0041	27	30	3	108.1	195.3	22	69.1	10.9	1.7	7.1	1.1	5.8	1.1	3.1	0.5	3.1	0.5	31.4	461	16
SRAC0041	33	36	3	123.1	220.5	25.9	81.4	12.9	1.9	8.4	1.3	6.6	1.3	3.5	0.5	2.9	0.5	31	522	11
SRAC0041	48	51	3	117.9	267.8	27.3	81.8	10.3	2.3	5.1	0.7	4	0.8	2.4	0.4	2.6	0.4	26.3	550	5.8
SRAC0041	30	33	3	129	237.1	26.7	82.9	13	1.9	8.6	1.3	7	1.4	3.8	0.6	3.7	0.6	37.5	555	14.9
SRAC0042	18	21	3	222.3	285	36	97.3	11.4	1.4	8	1.2	6.1	1.1	3	0.4	2.3	0.4	30.9	707	15.8
SRAC0042	33	36	3	330.7	680.5	74.3	216.4	30	3	18.2	2.7	14.4	2.9	7.9	1.1	6.5	0.9	75.2	1465	13.7

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)
SRAC0042	21	24	3	493.8	653.5	93.5	233.3	27.4	2.7	14.9	2.1	10.3	1.8	4.5	0.6	3.1	0.4	47	1589	22.7
SRAC0042	24	27	3	424.6	852.5	109.1	327.8	47.8	4.6	25.9	3.6	17.8	3.1	7.9	1	5.7	0.8	80	1912	23.5
SRAC0042	30	33	3	633.3	848.8	174	554	86.6	8.9	49.8	7.5	37.3	6	15.5	2.1	12.9	1.6	139.1	2577	20.7
SRAC0042	27	30	3	562.9	1283.7	162.5	479.4	72.7	6.7	36.2	5.2	26.1	4.4	11.2	1.5	8.8	1.2	103.5	2766	21.6
SRAC0042	36	39	3	574.7	1302.1	157.1	522.6	83.6	8.8	62.6	9.5	51	10.9	30.3	4.1	23.1	3.3	344.1	3188	13.7
SRAC0043	18	21	3	108.6	170.1	23	71.7	10.3	1.7	7.6	1	5.7	1.1	3.3	0.5	2.9	0.4	28.8	437	23.3
SRAC0043	30	31	1	173	395.5	42.5	154.6	23	4.4	18.4	2.5	15	3.5	11.6	1.7	10.6	1.8	159.4	1018	23.8
SRAC0043	24	27	3	188.8	615.4	46.4	166.8	24.6	4.4	18.1	2.5	14.2	2.7	7.7	1.1	6.9	1	73.2	1174	27.3
SRAC0043	27	30	3	182.4	529.4	48.5	186.6	29.9	5.9	29.1	4.3	28.2	7	24.7	3.9	26.1	4.2	281.9	1392	25.8
SRAC0043	21	24	3	270.9	586	77.5	297.4	48.6	8.5	34.4	4.6	23.5	3.7	8.9	1	6	0.7	75.9	1448	27.8
SRAC0044	36	39	3	72.5	160.9	15.8	48.4	7.5	1.1	4.7	0.7	3.6	0.6	1.9	0.3	1.7	0.3	16.8	337	11
SRAC0044	33	36	3	230.5	501.2	53.6	183.1	27.5	4.1	17.2	2.3	12.1	2.2	5.8	0.7	4	0.6	58.3	1103	27.9
SRAC0044	30	33	3	973.4	2450.7	281.5	986.8	148.4	20.8	89.8	12.6	64.3	11.3	31.5	4	23.1	3.4	320	5422	70.2
SRAC0047	15	18	3	218.7	112.2	23.9	56.6	5.7	0.7	3	0.4	2.1	0.4	1	0.2	1	0.2	9.4	436	10.6
SRAC0047	21	24	3	134.3	211.9	27.6	88.3	10.8	1.3	5.8	0.8	3.5	0.6	1.5	0.2	1.1	0.2	16.8	505	10.9
SRAC0047	27	30	3	255.7	590.9	53.3	176.7	22.4	2.9	11.5	1.4	6.7	1.1	2.7	0.3	1.8	0.3	32.5	1160	14.9
SRAC0047	30	31	1	261.5	609.3	57.9	193.6	25.4	3.7	13.5	1.7	7.7	1.3	3	0.4	1.9	0.3	35.3	1216	10
SRAC0047	24	27	3	586.4	598.2	155.9	508.6	64.8	8.5	32.9	4.1	19.7	3.4	8.3	1.1	5.5	0.7	88.5	2087	12.9
SRAC0056	18	21	3	197	368.5	42.3	146.4	20.2	3.7	13.6	1.8	10.3	1.8	4.7	0.6	3.5	0.5	49.7	865	19.9
SRAC0056	38	39	1	234.6	520.8	56.8	199.5	27.3	5.2	18.8	2.7	14.8	3	7.9	1.1	6.8	1	95.5	1196	24.8
SRAC0056	36	38	2	247.5	549.1	59.7	211.7	30.2	5.3	20.5	3	16.1	3.2	8.4	1.2	6.8	1	98.9	1263	28.7
SRAC0056	21	24	3	308.5	658.4	70.9	235.6	30.2	6.5	18.6	2.5	13	2.5	6.5	0.9	5.1	0.8	79.6	1440	33.1
SRAC0056	27	30	3	306.1	673.2	70.7	244.9	32	7.1	20.6	2.8	14.5	2.8	7.3	1	6.1	1	91.3	1481	30.1
SRAC0056	33	36	3	315.5	707.6	74.8	257.8	35.6	6.2	22.6	3.3	17.6	3.5	9.1	1.3	8	1.2	105.4	1569	30.7
SRAC0056	30	33	3	341.3	761.6	80.7	277.6	37.5	6.6	22.9	3.3	17.2	3.3	8.6	1.2	7.5	1.1	106.9	1677	32.7
SRAC0056	24	27	3	384.7	890.6	90.7	304.4	37.6	7.5	21.2	2.8	14.1	2.6	6.6	0.9	5.4	0.9	79.2	1849	36.5
SRAC0064	42	45	3	21.6	249.4	4.8	16.6	2.9	0.3	2.1	0.3	1.8	0.4	1	0.2	1.5	0.3	8	311	13
SRAC0064	51	53	2	66.6	146.2	12.3	38.5	6.1	0.6	4.4	0.7	3.8	0.8	2.7	0.5	3.7	0.7	24.4	312	13.5
SRAC0064	39	42	3	101.9	167.7	18	55.9	9	1.3	8.1	1.2	6.4	1.1	3	0.5	3.1	0.4	25.8	403	22.1
SRAC0064	45	48	3	75.3	277.6	26.3	86.3	14.7	1.9	9.9	1.5	8.8	1.7	5.4	0.9	7	1.1	42.2	561	19
SRAC0064	30	33	3	175.9	162.8	35.8	122.5	20.9	2.5	19.6	3.1	17.3	3.1	8.8	1.3	8.4	1.4	73.5	657	29.9
SRAC0064	33	36	3	168.9	303.4	38.5	128.9	18.6	1.2	13.7	1.9	9.6	1.7	4.7	0.7	4.8	0.8	47.8	745	17.9
SRAC0064	48	51	3	160.7	296	39.3	132.4	20.6	2.6	17.6	2.6	15.2	3.2	10.7	1.7	11.7	2	107.9	824	17.8
SRAC0072	24	27	3	74.2	137.6	16.3	56	9.2	1.5	6.1	0.9	4.7	0.9	2.3	0.4	2.3	0.3	21.1	334	17
SRAC0072	27	30	3	109.9	210.7	26.5	89.5	15.7	2.7	10.8	1.5	8.3	1.5	4.3	0.6	4	0.6	34.8	521	16.1
SRAC0072	30	33	3	134.3	244.5	32.5	109.2	17.9	3.4	12.6	1.8	10	1.8	5.2	0.7	4.9	0.7	38.9	618	13.5
SRAC0072	36	39	3	170.1	355	36.7	123.1	19.3	4	14.2	1.9	10.6	2.1	6.1	0.8	4.8	0.6	61	810	19.9
SRAC0072	51	54	3	192.9	407.8	41.9	145.2	20.9	3.8	13.5	1.7	9.4	1.6	4.5	0.6	4.2	0.7	54.5	903	30.8
SRAC0072	54	56	2	185.9	395.5	45.2	165.1	25.5	5.2	18.8	2.4	13.9	2.6	7.4	1.1	7.6	1.2	91.9	969	24.7

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)
SRAC0072	48	51	3	214.6	457	48.6	175	25.2	5.1	17.8	2.3	12.9	2.5	7.2	1.1	7.6	1.2	87.4	1065	31.1
SRAC0072	45	48	3	212.9	442.2	49.5	176.7	27	5.6	21.4	2.7	16.9	3.3	10.1	1.4	8.8	1.2	120.1	1100	33.4
SRAC0072	42	45	3	265.1	573.7	66.1	239.1	35.8	6.8	25.4	3.1	17.9	3.2	8.1	1	5.7	0.7	90.4	1342	32.1
SRAC0072	39	42	3	297.9	722.3	76.4	246.1	34.8	6.4	23	2.9	14.6	2.6	6.6	0.7	4.1	0.5	67.3	1506	29.1
SRAC0075	28	30	2	97.8	188	21.8	76.4	12.1	2.3	7.8	1.2	6.4	1.2	3.2	0.5	3.1	0.5	29.3	451	20.7
SRAC0075	42	46	4	113.1	272.7	35.2	147	25.3	6	21	3	15.7	2.8	6.8	0.9	4.8	0.6	69.1	724	22.5
SRAC0075	30	33	3	184.1	377.1	42.3	149.9	22.6	4.2	14.1	2	10.4	1.9	4.7	0.6	3.8	0.6	46.2	864	32.5
SRAC0075	52	55	3	183.5	412.7	44.3	159.2	22.8	4.5	15	2.1	10.4	2	5.3	0.9	6.3	1.2	68.5	939	39.7
SRAC0075	55	57	2	191.8	426.3	45.1	166.8	23.9	5	17	2.4	12.5	2.5	6.9	1	6.3	1.1	91.7	1000	34.1
SRAC0075	39	42	3	223.4	481.5	52.2	183.7	26.4	5.1	17.4	2.3	10.7	1.9	4.1	0.5	2.6	0.4	49.3	1062	35.6
SRAC0075	49	52	3	208.8	449.6	48.3	173.8	25.4	5.4	17.9	2.5	12.9	2.6	7.5	1.2	7.7	1.3	100.6	1065	34.1
SRAC0075	46	49	3	208.8	450.8	48.6	174.4	25.4	5.7	21.1	3.1	16.7	3.5	9	1.2	6.9	1	109	1085	33.9
SRAC0075	36	39	3	306.1	745.6	77	268.3	37.2	7.6	24.9	3.2	14.6	2.4	5.2	0.6	3.3	0.4	50.7	1547	41.6
SRAC0075	33	36	3	349.5	842.7	83.2	304.4	49.3	10.8	39.4	5.4	28.8	5	11.8	1.5	8.1	1	133.3	1874	31.4
SRAC0077	36	39	3	154.2	315.7	36.5	136.5	21.7	4.8	18	2.3	13.3	2.5	6.6	0.9	5.9	0.9	79.2	799	24.5
SRAC0077	48	51	3	167.1	358.7	39.8	139.4	20.6	4.4	14	1.7	9.5	1.6	4.3	0.6	3.8	0.6	47.1	813	32.4
SRAC0077	39	42	3	165.4	358.7	39.4	145.2	22.8	5.1	16.6	2	10.9	1.9	4.9	0.7	5.1	0.9	57.5	837	34.2
SRAC0077	54	57	3	173	366.1	39.4	144.1	22.1	4.6	15.4	1.9	10.7	1.8	4.8	0.6	3.9	0.6	54.6	844	31.6
SRAC0077	57	60	3	178.3	367.3	41	147	22.4	4.8	16.1	2	10.9	1.9	4.9	0.6	3.9	0.6	56	858	32.4
SRAC0077	51	54	3	178.3	368.5	40.2	146.4	22.8	4.8	16.2	2	11.5	2	5.3	0.7	4.3	0.6	63.6	867	29.8
SRAC0077	45	48	3	188.8	400.5	43.7	156.3	23.7	4.9	16	2	10.9	1.9	4.9	0.7	4.3	0.7	56.6	916	37.7
SRAC0077	42	45	3	190	405.4	44	161	24.7	5.2	17.6	2.2	12	2	5	0.7	4.5	0.7	57.8	933	35.3
SRAC0077	27	30	3	212.9	443.5	49.9	176.1	26.6	5.7	19	2.3	12.8	2.2	5.4	0.7	3.9	0.5	63.1	1024	26.8
SRAC0077	33	36	3	218.1	455.7	51.1	186.6	29	6	21.4	2.7	15.2	2.7	7.2	1	6.7	1	84.6	1089	41.1
SRAC0077	30	33	3	231	525.8	56.8	207	31.1	6.3	22.3	2.8	16.1	2.9	7.8	1.1	6.8	1	91.8	1211	42.9
SRAC0079	26	29	3	85.3	143.1	16.6	56.3	8.2	1.3	5.7	0.8	4.1	0.7	1.9	0.2	1.6	0.2	17	343	10.6
SRAC0079	35	38	3	123.7	269	28.8	101.5	16.6	3.2	12.4	1.7	9.1	1.7	4.8	0.6	4	0.6	50.7	628	23.6
SRAC0079	38	41	3	165.4	423.8	46.6	171.5	25.1	5.1	17.6	2.3	12.1	2.2	6.2	0.9	5.7	0.9	74.2	959	35.3
SRAC0083	15	18	3	109.5	183	15.3	42.9	5.7	0.9	3.9	0.5	3.1	0.6	1.7	0.3	1.8	0.3	17.8	387	14.9
SRAC0083	18	21	3	149	201.5	24.5	75.6	9.9	1.6	6.5	0.9	5.2	1	2.8	0.4	2.9	0.4	26.5	509	13.5
SRAC0083	21	24	3	174.2	223.6	33.2	108.1	14.1	2.6	9.4	1.2	7	1.2	3.4	0.5	3.3	0.5	36.6	619	19.3
SRAC0083	24	27	3	248.6	405.4	55.9	188.4	25.2	4.4	16.3	2	11.8	2.3	7	1.1	7.4	1.2	82	1059	12.7
SRAC0093	37	40	3	60.4	145.6	14.3	49.9	7.1	0.4	4.6	0.6	3.2	0.6	1.4	0.2	1.1	0.2	14.6	304	8.6
SRAC0093	55	58	3	93.7	216.2	19.1	61.8	8.3	0.8	6	0.8	4.1	0.7	1.5	0.2	1	0.2	19.6	434	9.4
SRAC0093	58	61	3	99.1	256.7	21.5	71.3	10	1.3	7.1	0.9	4.8	0.8	1.8	0.2	1.2	0.2	21.8	499	8.7
SRAC0146	0	3	3	60.1	98.5	16.1	57.2	10.5	1.8	7.4	1.1	6.1	1.2	3.6	0.4	2.7	0.4	37.3	305	13.2
SRAC0146	27	30	3	67	254.3	10.9	33.7	4.8	0.7	2.9	0.4	1.9	0.4	1.1	0.2	1	0.2	9.4	389	6.7
SRAC0146	15	18	3	79.9	199	18.4	58	8.9	1.4	5.2	0.7	3.2	0.5	1.4	0.2	1.2	0.2	13.8	392	13.8
SRAC0146	18	21	3	94.4	214.4	19.9	63.7	10.1	1.6	6.1	0.8	3.7	0.6	1.6	0.2	1.2	0.2	16.1	434	13.5

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)
SRAC0146	24	27	3	82.8	583.5	16.8	51.7	7.4	1	4.3	0.6	3.2	0.6	1.7	0.2	1.5	0.2	14.7	770	6.9
SRAC0147	18	21	3	96.6	228.5	23.8	86.2	13.2	2.2	7.8	1.2	5.7	1	2.4	0.3	2.2	0.3	23	494	17.3
SRAC0149	66	69	3	73.3	148.6	14.9	49.7	6.5	1	5	0.6	3.6	0.6	1.8	0.2	1.6	0.2	13.3	321	4.4
SRAC0149	57	60	3	97.7	155.4	16.6	52.8	6.7	0.4	4.6	0.5	2.7	0.5	1.2	0.1	1	0.1	11.2	352	5.4
SRAC0149	72	75	3	79.3	156.6	18.1	59.8	8	1.5	5.5	0.7	3.7	0.6	1.9	0.2	1.5	0.2	17	355	2.1
SRAC0149	21	24	3	71.4	139.4	15.2	56.6	8.7	1.5	6.7	0.9	5.7	1.2	3.5	0.4	2.6	0.4	44.6	359	8
SRAC0149	24	27	3	58.3	119.2	12.5	46.7	7.8	1.4	7.7	1.1	7.9	1.9	6.2	0.8	5.3	0.8	87.5	365	10.1
SRAC0149	39	42	3	95.9	184.3	19.4	66.6	9.1	1	7.3	0.9	4.7	0.8	2.3	0.3	1.7	0.2	23.1	418	7.7
SRAC0149	42	45	3	98.2	198.4	19.6	64.4	8.6	0.4	5.8	0.7	3.7	0.6	1.6	0.2	1.1	0.2	16.5	420	6
SRAC0149	69	72	3	93.2	191.6	21.5	71.3	9.7	1.7	6.8	0.9	4.9	0.8	2.4	0.3	1.9	0.3	20.8	428	5.1
SRAC0149	36	39	3	123.1	230.9	25.7	84.1	12.8	1.6	8.8	1.2	6.2	1.1	2.9	0.4	2.4	0.3	32.6	534	10.6
SRAC0149	33	36	3	136.6	265.3	29.2	94.3	14.3	2.3	10.5	1.4	7.7	1.3	3.6	0.5	2.9	0.4	37.8	608	11.4
SRAC0149	30	33	3	295.6	705.1	71.9	271.8	37.2	5.7	25.8	3.4	17.9	3.1	8.1	1	5.7	0.8	96.1	1549	16
SRAC0149	18	21	3	441	561.4	97.1	352.3	44.8	7.1	27.2	3.3	15.4	2.3	5.4	0.6	3.6	0.4	56.8	1619	10.1
SRAC0149	75	77	2	539.5	264.1	115.4	414.1	52.1	10.1	46.2	5.1	27.9	5	13	1.3	6.7	0.9	166.4	1668	18.4
SRAC0149	27	30	3	1184.5	3218.4	303.3	1112.8	167.6	25.9	119.3	14.8	78.6	13.6	35.7	4	23.5	3	424.2	6729	13.7
SRAC0150	18	21	3	65.9	160.9	15.1	51.8	7.4	1.3	5.6	0.8	4.1	0.7	1.9	0.2	1.3	0.2	17.5	335	13.3
SRAC0150	21	24	3	80.6	173.2	17.8	60.1	8.7	1.6	6.7	0.8	4.8	0.8	2.2	0.3	1.6	0.2	21.6	381	13.3
SRAC0150	15	18	3	92	186.1	16.5	53.1	6.8	1.2	5.1	0.6	3.4	0.6	1.6	0.2	1.1	0.1	14.7	383	16.3
SRAC0150	90	93	3	108.3	213.7	22.4	72.1	10	1.3	6.6	1	5.4	1	2.9	0.4	2.3	0.3	28.3	476	9.2
SRAC0150	54	57	3	69	301	19.2	63.2	8.4	1	4.7	0.7	4.1	0.7	2.2	0.3	2.2	0.3	13.2	490	9.8
SRAC0150	57	60	3	74.7	301	22.1	72.8	10.2	1.2	5.7	0.8	5.2	0.9	2.8	0.4	2.6	0.4	15.5	516	14.1
SRAC0150	60	63	3	135.5	192.9	33.7	101.4	14.2	1.9	9.3	1.2	7	1.1	3.2	0.4	2.5	0.3	22.4	527	11.7
SRAC0150	84	87	3	124.3	241.4	26.2	81.9	10.8	1.6	7.1	1	5.2	1	2.6	0.3	1.8	0.3	31.1	537	5.8
SRAC0150	63	66	3	156.6	168.9	39.2	120.1	16.2	2.1	9.9	1.3	7.3	1.2	3.2	0.4	2.6	0.3	23.8	553	9.5
SRAC0150	87	90	3	133.1	246.9	27.8	86.2	11.1	1.5	7.2	1	5.3	0.9	2.7	0.3	1.9	0.3	27.6	554	5.8
SRAC0150	78	81	3	130.2	227.3	27.8	91.7	12.8	1.6	9.6	1.3	7.6	1.4	3.8	0.5	2.6	0.4	41.5	560	8.4
SRAC0150	27	30	3	117.3	240.8	28	95.9	13.5	2.3	11	1.4	7.8	1.2	3.4	0.4	2.2	0.3	44.5	570	17.8
SRAC0150	69	72	3	149	211.3	36.5	116.5	16.4	2.5	9.7	1.3	7.2	1.2	3.3	0.4	2.7	0.3	28.1	586	5.5
SRAC0150	24	27	3	123.1	270.3	30.2	98.2	13.7	2.3	10.7	1.4	8.1	1.4	3.8	0.4	2.8	0.4	43.3	610	15.6
SRAC0150	93	95	2	122	271.5	26.8	90.3	14.7	1.8	11.9	1.7	10.5	1.9	5.2	0.7	4	0.5	52.8	616	19.6
SRAC0150	30	33	3	133.1	234	29	96.8	11.9	1.9	12.8	1.5	8.9	1.8	4.9	0.5	2.5	0.3	91.7	632	11.5
SRAC0150	51	54	3	77.5	441	18.6	59.4	8	1.1	5	0.7	4.4	0.7	2.4	0.3	2.2	0.3	13.3	635	7.1
SRAC0150	72	75	3	145.4	251.8	35.6	115.5	17.1	2.4	10.8	1.6	8.8	1.5	4.1	0.5	3.2	0.4	38.1	637	10.3
SRAC0150	81	84	3	147.2	291.1	31.8	101.4	14	1.9	10	1.4	7.8	1.4	3.8	0.5	2.7	0.4	41	656	10
SRAC0150	75	78	3	174.2	239.5	39.3	121.9	17.7	2.3	11.8	1.7	9.4	1.6	4.6	0.5	3.2	0.4	44.2	672	12.1
SRAC0150	66	69	3	218.1	218	47.2	156.3	20.5	2.7	12.5	1.7	9.6	1.7	4.3	0.6	4	0.5	39.6	737	9.4
SRAC0150	33	36	3	191.2	328	36.6	121.3	14.5	2	13.8	1.7	9.9	2	5.4	0.6	2.9	0.5	82	812	8.3
SRAC0150	48	51	3	99.5	624	27.4	92.7	13.7	1.3	8.9	1.2	7.1	1.2	3.2	0.4	3	0.4	18.8	903	19.3

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)
SRAC0150	45	48	3	94.3	755.5	23.7	71.3	9.4	1.1	6.1	0.8	5	0.9	2.9	0.4	2.8	0.4	18.3	993	11
SRAC0150	42	45	3	93.9	918.8	18.8	56.6	6.7	0.9	4.3	0.6	3.7	0.7	2.2	0.3	2.1	0.3	16.8	1127	7.8
SRAC0150	39	42	3	136	3525.5	25.1	70.3	8.4	1.1	6.7	1	5.3	1	2.9	0.4	2.4	0.4	37.6	3824	13.7
SRAC0150	36	39	3	124.3	5061	22.5	70.1	9	1.3	8.5	1.3	6.3	1.2	3.4	0.4	2.4	0.4	46.6	5359	14.9
SRAC0151	18	21	3	74.2	158.5	15.7	49.2	7.5	1.1	4.5	0.7	3.3	0.6	1.7	0.2	1.3	0.2	17.4	336	13.2
SRAC0151	15	18	3	67.6	174.4	16	50.3	8.5	1.4	5.3	0.8	4.2	0.8	2.2	0.3	1.9	0.3	22	356	13.7
SRAC0151	21	24	3	127.3	264.1	27.9	88	12.4	1.9	8	1.1	6	1	2.6	0.3	1.9	0.3	30.7	574	17.2
SRAC0151	24	27	3	141.9	302.2	32.1	105.6	15.5	2.7	9.7	1.4	7	1.3	3.3	0.4	2.4	0.4	35.4	661	27.3
SRAC0151	54	56	2	217	471.7	52.4	191.9	29.8	5.8	20.9	3	16.4	3.5	10.7	1.7	11.8	2.1	139.7	1178	28.8
SRAC0151	45	48	3	220.5	566.3	63.4	236.8	39.5	7.1	28.5	4.2	21.9	4.2	11.4	1.6	8.9	1.2	132.1	1348	36.7
SRAC0151	42	45	3	219.9	610.5	73.6	264.8	47.7	6.9	31.7	4.6	23.8	4.3	11.1	1.5	8.1	1.1	121.9	1431	29.8
SRAC0151	39	42	3	251	626.5	69.1	258.9	43.6	7.1	29.6	4.3	22.9	4.4	11.7	1.5	8.4	1	133.3	1473	36.7
SRAC0151	48	51	3	275.6	687.9	79.9	284.6	45.5	6.5	25.7	3.7	19.3	3.5	9.5	1.3	7.3	1	95.8	1547	25.5
SRAC0151	51	54	3	256.8	604.4	71.8	261.3	45.9	8	33.9	5.2	30	6.7	20.8	3.4	23.6	3.8	231.8	1607	31.9
SRAC0151	30	33	3	310.8	770.2	88.2	296.3	44	7	24.1	3.3	15.9	2.8	6.9	0.9	4.5	0.6	79.1	1654	47.4
SRAC0151	27	30	3	304.9	781.3	90.3	316.1	47.5	7.2	29.1	4.2	20	3.5	8.9	1.1	5.7	0.7	94.4	1715	42
SRAC0151	33	36	3	310.8	819.3	99	345.3	55.3	8	32.6	4.6	23	4	9.5	1.1	5.8	0.7	103.2	1822	42.3
SRAC0151	36	39	3	335.4	804.6	90.1	332.4	53.2	8.2	36.5	5.4	29	6.1	17.8	2.4	13.2	1.6	200	1936	47.2
SRAC0153	24	27	3	56.7	134.5	13.9	52.5	10.2	1.9	6.2	1	5.6	1	2.9	0.4	2.7	0.4	18.8	309	15.3
SRAC0153	27	30	3	75.1	142.5	14.6	51.8	7.7	1.3	4.7	0.7	3.7	0.6	1.7	0.2	1.4	0.2	14.7	321	17.2
SRAC0153	12	15	3	21.3	277.6	4.5	16.1	2.4	0.5	2	0.3	1.8	0.3	1	0.1	1.1	0.2	7.9	337	14.9
SRAC0153	30	33	3	98.2	163.4	18.6	63.3	9.3	1.6	6.4	0.9	4.4	0.7	2	0.3	1.5	0.2	17.9	389	16
SRAC0153	39	42	3	76.4	178.1	17.8	64.9	10.7	1.8	7.1	1.1	6.7	1.2	3.9	0.6	3.8	0.6	31.5	406	7.8
SRAC0153	33	36	3	129.6	201.5	27.6	87.6	12.5	2.1	8	1.1	6	1	2.5	0.3	1.8	0.2	22.9	505	17.5
SRAC0153	36	39	3	130.8	215.6	27.1	87	13	2.1	8	1.2	6.5	1.1	3.1	0.4	2.6	0.3	27.6	526	14
SRAC0153	48	51	3	240.4	541.7	57.2	212.9	28.6	5.7	18.9	2.4	12.5	2	5.2	0.7	3.9	0.5	57.8	1190	28.8
SRAC0153	51	54	3	350.7	941	87.7	334.8	44.5	8.3	28.9	3.7	18.9	3	7.2	0.8	4.5	0.6	80.5	1915	36.2
SRAC0153	54	57	3	441	1345.1	120.3	445.6	58.3	11.3	39.5	5.2	26.2	4.2	9.9	1.1	5.8	0.7	102.1	2616	38.7
SRAC0155	9	12	3	126.7	195.3	17.4	51.3	7.1	1.1	3.6	0.5	2.5	0.4	1	0.1	0.9	0.1	9	417	24.2
SRAC0155	15	18	3	106.3	204.5	18.4	56.7	7.9	1.2	4.6	0.7	3.8	0.7	2	0.3	2.2	0.4	18.8	429	23
SRAC0155	12	15	3	127.8	265.3	22.4	70.8	9.3	1.5	5.6	0.8	3.8	0.6	1.6	0.2	1.3	0.2	15	526	21.5
SRAC0155	18	19	1	246.3	621.6	66.3	217	31.9	4.6	17.1	2.6	13.1	2.3	5.9	0.8	5.2	0.8	57.3	1293	33.1
SRAC0157	27	30	3	89.3	188.6	19.8	67.9	9.8	1.7	6.2	0.9	4.8	0.9	2.2	0.3	2.1	0.3	22.4	417	18.7
SRAC0157	36	39	3	108.3	207.6	21.6	67.8	9.2	1.5	5.5	0.8	4.4	0.8	2	0.3	2	0.3	20.3	452	15
SRAC0157	3	6	3	69.8	254.3	17.2	57.9	10	1.7	6.8	1	5.3	1	2.7	0.4	2.3	0.3	27.6	458	11.4
SRAC0157	18	21	3	62.5	211.3	18.7	70	13.4	2.4	12.8	2	11.5	2.5	7.5	1.1	7.1	1.1	75.8	500	12.6
SRAC0157	33	36	3	130.8	291.1	30.1	106.6	16.5	2.6	11	1.7	8.7	1.6	4.1	0.6	3.6	0.5	38.5	648	19.6
SRAC0157	24	27	3	126.1	339	30.6	105.9	15.4	2.7	9.9	1.4	7.1	1.2	2.9	0.4	2.2	0.3	28.5	674	21.2
SRAC0157	30	33	3	161.9	341.5	34.3	116.6	17.3	2.7	10.7	1.6	7.8	1.3	3.2	0.4	2.4	0.3	29.8	732	18.7

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)
SRAC0157	12	15	3	187.7	450.8	43	149.9	22	3.6	12.1	1.7	7.7	1.2	3	0.4	2.4	0.3	24.4	910	13.3
SRAC0158	0	3	3	68.1	157.2	15.7	55.3	7.5	1.4	5	0.7	3.9	0.7	2	0.3	1.9	0.3	20.6	341	10.7
SRAC0158	6	9	3	138.4	50.4	21.8	72.6	9.8	2.1	7.1	1.1	6.6	1.4	4.8	0.7	5.6	0.8	57.9	381	4.9
SRAC0158	9	12	3	221.1	162.2	46.8	162.1	19.1	3.2	12.3	1.6	9.4	1.9	6.4	1	6.7	1	69.5	724	5.2
SRAC0159	18	21	3	112.9	265.3	27.1	75.9	10.3	1.1	4.4	0.7	3.2	0.6	1.5	0.3	1.6	0.2	11.3	516	13.2
SRAC0159	24	27	3	428.1	807.1	68.3	169.1	16.6	1.7	6.4	0.9	4.2	0.7	1.9	0.3	1.7	0.3	16.3	1524	22.1
SRAC0159	27	29	2	483.2	1283.7	152.2	493.4	67.6	6.9	27.9	3.8	16.8	2.6	6.1	0.8	4.2	0.6	53.8	2604	20.4
SRAC0161	15	17	2	73.7	140.7	17	60.1	10.7	1.7	8.8	1.5	8.8	1.9	6	0.9	5.2	0.7	55.6	393	18.1
SRAC0161	12	15	3	300.2	848.8	79.3	261.3	38.7	5.5	21.7	3.1	14.2	2.4	5.6	0.7	3.9	0.5	62.6	1648	23.9
SRAC0162	6	9	3	77.5	131.4	18.1	61.1	10	1.4	5.7	0.8	4.2	0.7	2	0.3	1.8	0.2	21.6	337	13.8
SRAC0162	21	24	3	309.6	441	59.9	222.8	34.2	5.4	25.1	3.5	17.7	3.1	8.6	1.1	6.6	0.9	83.3	1223	16
SRAC0163	15	18	3	72.5	143.7	18.1	57.9	9.5	1.6	7.4	1	6	1.1	3.2	0.4	2.8	0.4	36.6	362	12.3
SRAC0163	3	6	3	93.8	208.8	22	69.1	10.5	1.8	7.2	1	5.6	1.1	2.8	0.4	2.4	0.3	28.8	456	13.2
SRAC0168	39	42	3	70.8	148.6	17	62.5	11.1	1.6	7.3	1	6	1.1	3.2	0.4	3.2	0.4	22.6	357	10.9
SRAC0168	21	24	3	120.8	181.2	26.3	90.6	14.2	2.4	11.3	1.8	9.8	1.9	5.2	0.8	4.7	0.7	49	521	23.6
SRAC0168	36	39	3	112.4	181.8	32.5	111.5	17.9	2.3	11.2	1.5	8.3	1.5	4.2	0.5	3.5	0.5	43.7	533	10.1
SRAC0168	42	45	3	136	276.4	27.9	86.3	11.8	1.6	6.9	0.9	4.7	0.7	2.1	0.3	2	0.3	19.3	577	12.9
SRAC0168	33	36	3	141.3	154.2	39.4	142.9	21.6	3	15.6	2.1	11.8	2	5.9	0.8	4.9	0.7	52.6	599	12.4
SRAC0169	27	30	3	79.4	202.1	18.9	66.5	10.3	1.5	6.7	0.9	5.2	0.9	2.6	0.4	2.3	0.3	24.9	423	12.3
SRAC0169	24	27	3	410.5	773.9	102.9	363.9	55	7.9	35.7	4.6	25.6	4	10.5	1.2	7.1	0.8	97	1901	14.9
SRAC0170	15	18	3	146	243.8	36.6	119.6	17.6	2.5	11.2	1.4	8.1	1.4	3.8	0.5	3.2	0.4	38.7	635	11
SRAC0171	3	6	3	76.9	156	16	56.3	8.6	0.7	5.3	0.6	2.7	0.4	1	0.1	0.7	0.1	10.8	336	3.5
SRAC0171	6	7	1	84.8	175.7	17.9	63.3	9.9	0.7	6.3	0.7	3.1	0.5	1.1	0.1	0.8	0.2	12.7	378	4.4
SRAC0171	0	3	3	91.8	191.6	20.6	67.1	10.2	0.8	6.3	0.7	3.2	0.5	1.1	0.1	0.8	0.1	13.3	408	4.1
SRAC0173	54	57	3	51.5	121.7	15.3	65.2	14.7	2.4	16.1	2.5	16.8	3.4	10	1.3	8.6	1.1	92.6	423	91.1
SRAC0173	42	45	3	80.3	175.1	22.5	83.4	15.1	2.7	11.4	1.7	9.2	1.6	3.9	0.5	2.8	0.4	39	449	28.5
SRAC0173	48	51	3	71.8	159.1	21.3	78.9	16.1	3	15.9	2.7	14.8	2.7	7.3	0.9	5.2	0.7	64.5	465	92.5
SRAC0173	36	39	3	109.5	203.3	23.9	77.3	11.4	1.5	7.3	1	5.5	0.9	2.6	0.3	2.2	0.3	23.4	471	13.5
SRAC0173	45	48	3	82.8	174.4	22	86.8	18.3	3.1	16.8	2.6	15.7	2.9	7.9	1	5.9	0.7	78.6	520	63.8
SRAC0173	51	54	3	79.2	180	24	91.5	19.6	3.1	20.3	3.5	20.6	3.9	11	1.4	8.6	1.1	93.2	561	114.7

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-*	• 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

Criteria	JORC Code explanation	Commentary
	sampling stages to maximise representivity of samples. • *Measures taken to ensure that the sampling is representative of the in situ material collected, including for instance results for field duplicate/second-half sampling.* • *Whether sample sizes are appropriate to the grain size of the material being sampled.*	samples were inserted into the sample stream such as to represent approximately 5% of the samples submitted to the laboratory for analysis

Quality of assay data and laboratory tests	• *The nature, quality and appropriateness of the assaying and laboratory procedures used and whether the technique is considered partial or total.*
	• *For geophysical tools, spectrometers, handheld XRF instruments, etc, the parameters used in determining the analysis including instrument make and model, reading times, calibrations factors applied and their derivation, etc.*
	• *Nature of quality control procedures adopted (eg standards, blanks, duplicates, external laboratory checks) and whether acceptable levels of accuracy (ie lack of bias) and precision have been established.*
		• "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.

Verification of sampling and assaying	• *The verification of significant intersections by either independent or alternative company personnel.* • *The use of twinned holes.* • *Documentation of primary data, data entry procedures, data verification, data storage (physical and electronic) protocols.* • *Discuss any adjustment to assay data.*	• 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. • 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.
Location of data points	• *Accuracy and quality of surveys used to locate drill holes (collar and down-hole surveys),*	• Drill hole collars were located using a handheld GPS to +/-5m accuracy

Element ppm	Conversion Factor	Oxide Form
Ce	1.2284	CeO_2
Dy	1.1477	Dy_2O_3
Er	1.1435	Er_2O_3
Eu	1.1579	Eu_2O_3
Gd	1.1526	Gd_2O_3
Ho	1.1455	Ho_2O_3
La	1.1728	La_2O_3
Lu	1.1372	Lu_2O_3
Nd	1.1664	Nd_2O_3
Pr	1.2082	Pr_6O_{11}
Sc	1.5338	Sm_2O_3
Sm	1.1596	Tb_4O_7
Tb	1.1762	Tm_2O_3
Tm	1.1421	Y_2O_3
Y	1.2699	Yb_2O_3

Criteria	JORC Code explanation	Commentary
	trenches, mine workings and other locations used in Mineral Resource estimation. • *Specification of the grid system used.* • *Quality and adequacy of topographic control.*	• 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
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.

Criteria	JORC Code explanation	Commentary

Drill hole Information	• *A summary of all information material to the understanding of the exploration results including a tabulation of the following information for all Material drill holes:*
	  ○ *easting and northing of the drill hole collar*
	  ○ *elevation or RL (Reduced Level – elevation above sea level in metres) of the drill hole collar*
	  ○ *dip and azimuth of the hole*
	  ○ *down hole length and interception 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.*
		• 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.
		• 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.