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Location – Salt Creek Prospect, Eyre Peninsula, South Australia

NEW RARE EARTH PROSPECT UNCOVERED AT THE EYRE PENINSULA PROJECT

- Over 3,000 ppm total rare earth element oxides in weathered horizon from surface (Ion Adsorption Clay setting)
- Enriched in high value rare earths used in permanent magnets in wind turbines and electric vehicles
- Enriched in high value heavy rare earths
- Mineralisation drilled over 1.1 km in north-south direction
- Open in multiple directions
- Emerging REE potential across the region
- Metallurgical test work program initiated to determine recoveries

iTech Minerals Ltd (ASX: ITM, iTech or Company) has identified significant rare earth element mineralisation in the clay rich, weathering profile at the Salt Creek Prospect on the Eyre Peninsula, South Australia (Fig. 1). The rare earths display significant enrichment of neodymium and praeisidium (~23% Nd+Pr), which are critical in the production of permanent magnets for electric vehicles and renewable energy. They also display significant enrichment in desirable heavy rare earth element oxides (~39% HREO) which command a premium price.

Drilling was undertaken by Archer Materials in 2011 while exploring for manganese and returned significant REE results including:

- SRC11-002 – 30 m @ 511 ppm TREO from 3m
 - including 2m @ 1306 ppm TREO from 4m
 - and 3m @ 1327 ppm TREO from 30m
- SRC11-003 – 13m @ 1047 ppm TREO from 0m
- SRC11-004 – 6m @ 1507 ppm TREO from 16m
 - and 4m @ 1307 ppm TREO from 30m
- SRC11-006 – 12m @ 1698 ppm TREO from 0m
 - including 4m @ 3093 ppm TREO from 0m
 - and 5m @ 1439 ppm TREO from 8m
- SRC11-012 – 32m @ 891 ppm TREO from 6m
 - including 16m @ 1137 ppm TREO from 10m
 - and 2m @ 1079 ppm TREO from 35m
- SRC11-014 – 3m @ 1015 ppm TREO from 0m
- SRC11-015 – 8m @ 790 ppm TREO from 4m
 - including 4m @ 1157 ppm TREO from 8m
- SRC11-016 – 23m @ 1065 ppm TREO from 12m
 - including 4m @ 3019 ppm TREO from 20m
 - and 4m @ 1090 ppm TREO from 28m

“The Salt Creek Prospect confirms the prospectivity of the Eyre Peninsula for REE. With over 1,400km² of ground in the region, and a huge amount of historical data from Archer Materials to guide us, we are in a very strong position to capitalise on this potential.”

- Managing Director Mike Schwarz -

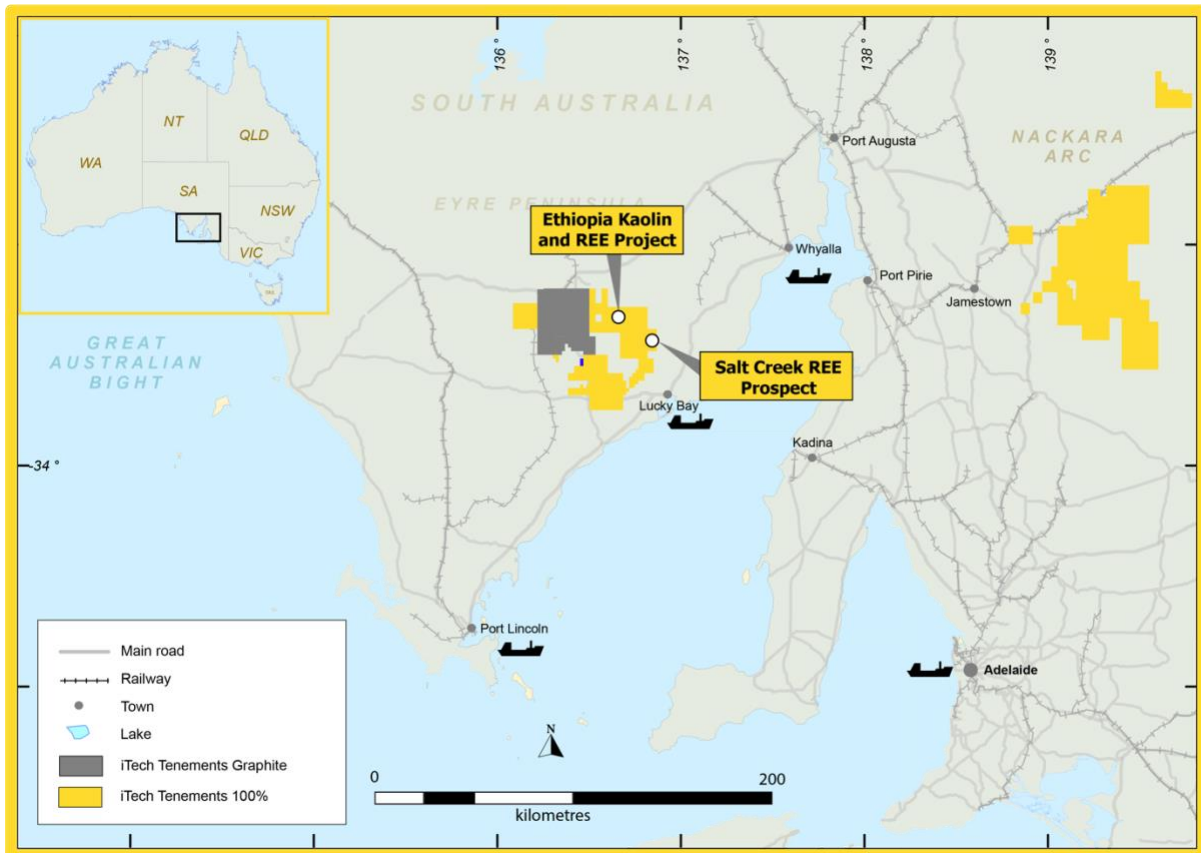


Figure 1. Location of the Salt Creek and Ethiopia Prospects – Eyre Peninsula, South Australia

Salt Creek REE Potential

A detailed review of historical data, from drilling undertaken by Archer Materials Ltd in 2011, identified thick intervals of up to 32m of REE rich, clay dominant material, over an area extending over 1 km in a north-south direction (Fig. 4). Of the 19 drill holes drilled, 15 holes had high levels of REE mineralisation consistent with ion adsorption clay (IAC) style mineralisation. Significant results from the drilling are presented in Table 1. A full list of results can be found in Appendix 1. The results show thick intervals of clay rich material near surface with high levels of total rare earth element oxides (TREO) (Fig 3). This confirms the Company's view that the Eyre Peninsula Projects have significant potential for IAC style deposits. Results from this work will help guide the Company's upcoming drilling programs to focus on known areas of mineralisation.

The 2011 Archer Materials drilling program was targeting manganese rich horizons within Paleoproterozoic Hutchison Group Metasediments. As a matter of good process, they also undertook multielement analysis including the full suite of REEs. At the time IAC REE mineralisation was relatively unknown outside of southern China and the demand for REE were not as strong as today, so the implications were not fully realised. With limited success finding manganese mineralisation at Salt Creek the project was mothballed. iTech considers this a prime example of the value of the high-quality exploration dataset inherited from Archer Materials and how the Company can find significant value in the 10+ years of exploration undertaken across the tenements at negligible cost.

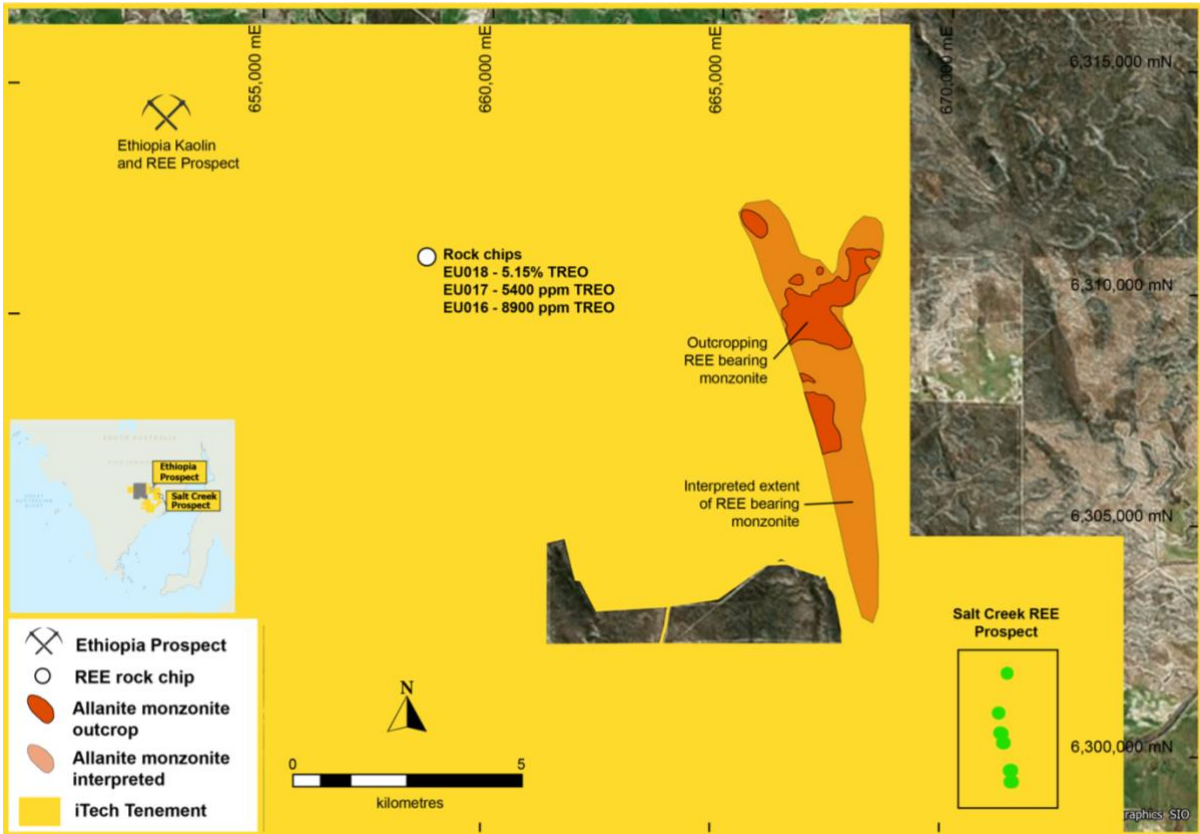


Figure 2. Cross section through the Salt Creek Prospect – Eyre Peninsula, South Australia (ASX Release, 21-Oct-21, Rare Earth Potential Identified at Kaolin Project)

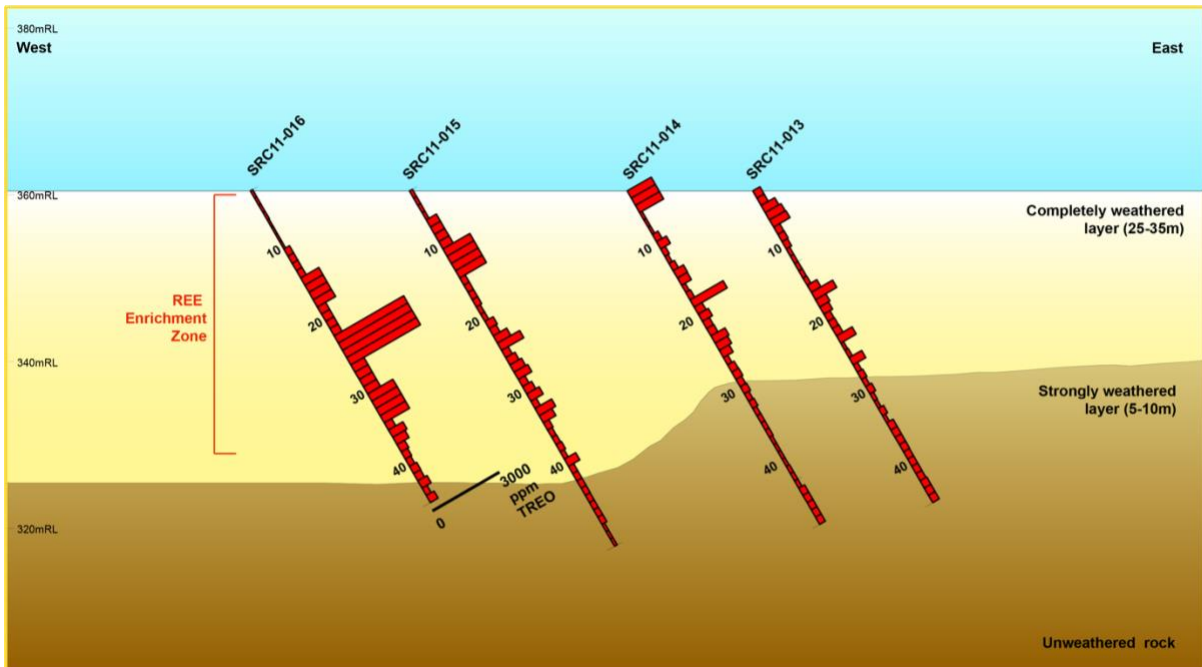


Figure 3. Cross section through the Salt Creek Prospect – Eyre Peninsula, South Australia



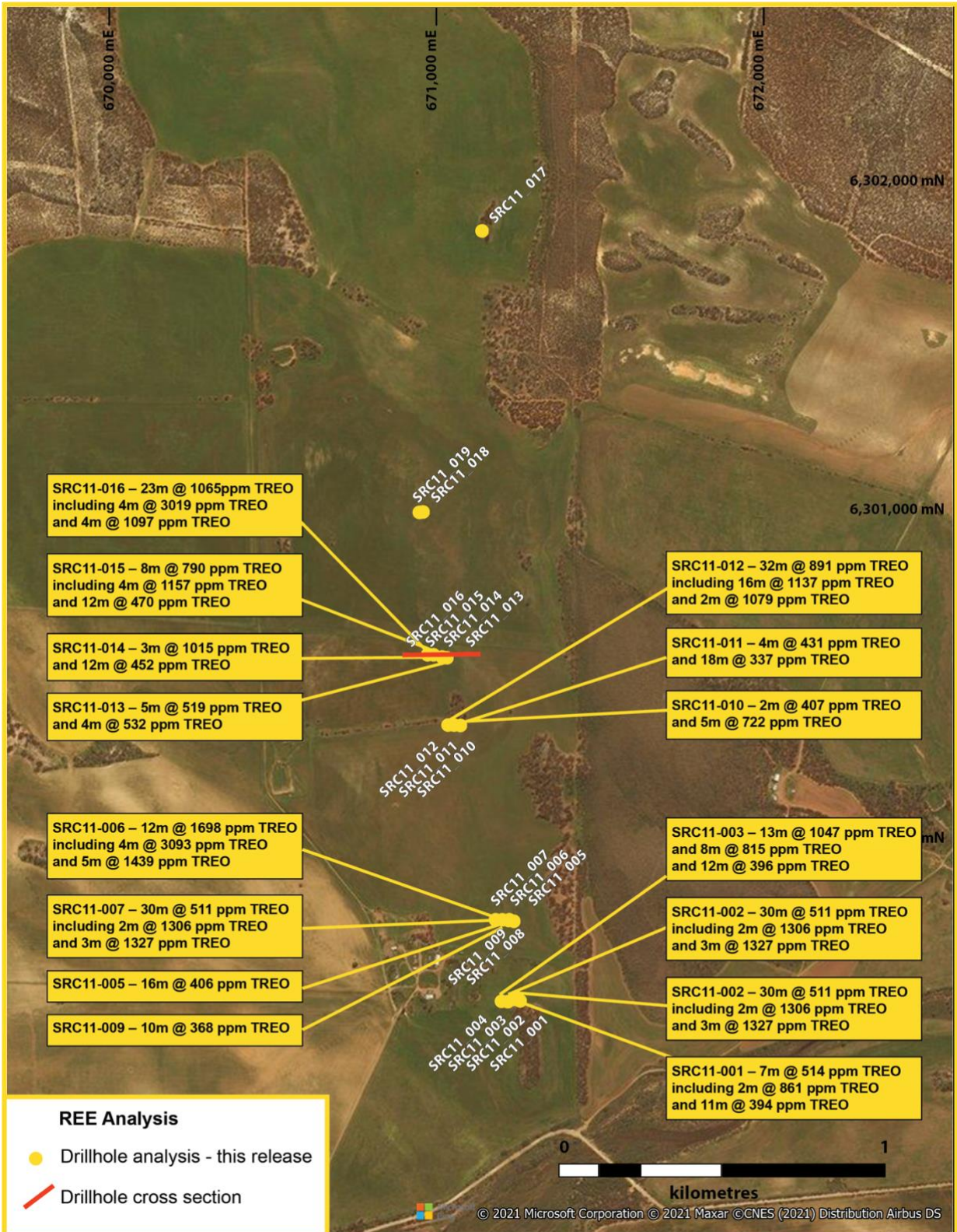


Figure 4. Location of drill holes and significant REE results, Salt Creek Prospect – Eyre Peninsula, South Australia



Salt Creek Prospect comparison with Ethiopia Prospect

The weathered host rocks at the Salt Creek Prospect are dominated by clastic and chemical metasediments of the Paleoproterozoic Hutchison Group. At this stage, it is unclear what the source of the REEs are, but it is interesting to note that a large REE bearing monzonite (a type of granite) occurs just 3 km to the north-west of the prospect (Fig. 3). It is quite possible that equivalents of this unit intrude the metasediments at Salt Creek and create a source of REEs.

The REE grades at Salt Creek are significantly higher than those discovered at Ethiopia so far, however, results from some of the best samples from Ethiopia are yet to be received. While Salt Creek appears to have some potential for kaolin, no test work has been undertaken, and it is currently considered to have more potential as a pure IAC REE prospect.

Characteristics of REE IAC Deposits

Although ion-adsorption clay deposits are substantially lower grade than other types of lanthanide sources (e.g., carbonatites, alkaline igneous complexes, magmatic magnetite-hematite bodies, and heavy mineral deposits), the lower grade is largely offset by easier mining and lower processing costs, and the very low content of radioactive elements. These deposits are generally mined by open-pit methods and little beneficiation is required. A simple leach process using monovalent sulphate or chloride salt solutions at ambient temperature can produce a high-grade REO product.

REE's are found in soils deposited after weathering of granitic and/or REE enriched source rocks

- Occur primarily in China, but now being recognised globally.
- Sometimes called laterite deposits
- REE's are adsorbed to kaolinite, halloysite and other clay minerals
- Ore is relatively low-grade, generally only 0.05% to 0.5% REO (rare earth element oxides)
- High heavy REE enriched, which are more valuable
- Easily extractable REE can be highly profitable due to low extraction costs
- REE's leachable from clays with simple ammonium sulphate at room temperature

Next Steps

iTech has located samples from the original Salt Creek drilling program within the exploration assets acquired from Archer Materials. Representative samples from both Salt Creek and Ethiopia Prospects are being sent to the ANSTO laboratories in Sydney where they specialise in the metallurgical extraction of REE from IAC deposits. The results will give an indication of expected recoveries and whether ionic adsorption plays a significant role in the REE mineralisation style.

In the shorter term, iTech is using the new discovery to plan its upcoming drilling program across the Eyre Peninsula Kaolin and REE prospects.

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ABOUT iTECH MINERALS LTD

iTech Minerals Ltd is a newly listed mineral exploration company exploring for and developing battery materials and critical minerals within its 100% owned Australian projects. The company is exploring for kaolinite-halloysite, ion adsorption clay rare earth element mineralisation and developing the Campoona Graphite Deposit in South Australia. The company also has extensive exploration tenure prospective for Cu-Au porphyry mineralisation, IOCG mineralisation and gold mineralisation in South Australia and tin, tungsten, and polymetallic Cobar style mineralisation in New South Wales.

COMPETENT PERSON STATEMENT

The information which relates to exploration results is based on and fairly represents information and supporting documentation compiled by Michael Schwarz. Mr Schwarz 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 in the 2012 edition of the 'Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves' (the JORC Code). Mr Schwarz is a full-time employee of iTech Minerals Ltd and is a member of the Australian Institute of Geoscientists and the Australian Institute of Mining and Metallurgy. Mr Schwarz consents to the inclusion of the information in this report in the form and context in which it appears.

This announcement contains results that have previously released as "Replacement Prospectus" on 19 October 2021, "Rare Earth Potential Identified at Kaolin Project" on 21 October 2021 and "Rare Earth Potential Confirmed at Kaolin Project" on 12 November 2021. iTech confirms that the Company is not aware of any new information or data that materially affects the information included in the announcement.

GLOSSARY

CREO = Critical Rare Earth Element Oxide

HREO = Heavy Rare Earth Element Oxide

IAC = Ion Adsorption Clay

LREO = Light Rare Earth Element Oxide

REE = Rare Earth Element

REO = Rare Earth Element Oxide

TREO = Total Rare Earth Element Oxides

%NdPr = Percentage amount of neodymium and praeisidium as a proportion of the total amount of rare earth elements

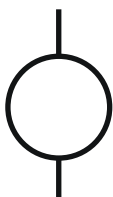


APPENDIX 1 – DETAILED TECHNICAL INFORMATION AND JORC TABLE 1

Hole_ID	From (m)	To (m)	Interval (m)	Sc2O3 (ppm)	ThO2 (ppm)	U3O8 (ppm)	TREO (ppm)	TREO-CeO2 (ppm)	LREO (ppm)	HREO (ppm)	CREO (ppm)	NdPr (%)	%LREO	%HREO
SCRC11-001	10	17	7	12	4	15	514	425	335	179	253	31%	61%	39%
incl	12	14	2	9	3	12	861	706	668	193	365	40%	78%	22%
and	23	34	11	14	3	17	394	266	274	119	156	24%	67%	33%
SCRC11-002	3	33	30	73	2	5	511	467	183	328	315	18%	36%	64%
incl	4	6	2	17	6	13	1306	1236	830	475	672	39%	63%	37%
and	30	33	3	117	1	1	1327	1300	190	1137	1047	9%	14%	86%
SCRC11-003	0	13	13	24	4	9	1047	631	871	177	308	23%	83%	17%
and	29	37	8	24	6	9	815	735	620	195	351	37%	75%	25%
and	42	54	12	16	8	6	396	313	178	218	212	13%	46%	54%
SCRC11-004	16	22	6	26	15	11	1570	713	1172	398	425	12%	74%	26%
and	26	34	8	7	9	6	956	797	763	194	341	30%	79%	21%
incl	30	34	4	5	6	7	1307	1131	1056	251	467	32%	81%	19%
SRC11-005	1	17	16	30	5	7	406	282	232	155	160	16%	55%	39%
SRC11-006	0	12	12	12	5	3	1698	1397	1424	273	730	41%	87%	13%
incl	0	4	4	14	6	4	3093	2789	2473	620	1590	55%	80%	20%
and	8	13	5	12	6	3	1439	1028	1290	149	455	37%	90%	10%
and	18	31	13	59	3	4	380	331	214	167	196	25%	54%	46%
SRC11-007	20	36	16	29	3	5	501	311	447	55	118	23%	89%	11%
and	48	55	7	55	3	5	427	374	295	132	192	33%	67%	33%
SRC11-009	14	24	10	17	8	9	368	285	231	137	149	22%	62%	38%
SRC11-010	5	7	2	23	4	6	407	273	258	149	153	19%	63%	37%
and	11	16	5	42	5	3	722	609	280	442	424	15%	39%	61%

Hole_ID	From (m)	To (m)	Interval (m)	Sc2O3 (ppm)	ThO2 (ppm)	U3O8 (ppm)	TREO (ppm)	TREO-CeO2 (ppm)	LREO (ppm)	HREO (ppm)	CREO (ppm)	NdPr (%)	%LREO	%HREO
SRC11-011	4	8	4	31	8	13	431	324	346	86	135	25%	80%	20%
and	10	28	18	37	4	10	377	280	164	213	186	12%	44%	56%
SRC11-012	6	38	32	78	6	5	891	628	538	353	371	17%	59%	41%
incl	10	26	16	96	5	4	1137	725	778	360	416	19%	68%	32%
and	35	37	2	52	9	9	1079	926	333	745	657	13%	31%	69%
SRC11-013	0	5	5	16	5	12	519	345	362	157	183	16%	64%	36%
and	13	17	4	19	9	6	532	438	240	292	279	17%	48%	52%
SRC11-014	0	3	3	42	11	6	1015	761	770	245	382	29%	76%	24%
and	11	23	12	25	5	10	452	365	279	172	187	19%	55%	45%
SRC11-015	4	12	8	29	7	3	790	594	494	296	341	21%	68%	32%
incl	8	12	4	27	6	3	1157	920	647	510	561	21%	56%	44%
and	20	32	12	47	4	9	470	392	256	214	233	22%	51%	49%
SRC11-016	12	35	23	44	8	5	1065	895	408	657	621	13%	47%	53%
incl	20	24	4	84	7	5	3019	2715	878	2140	2006	13%	29%	71%
and	28	32	4	43	9	9	1090	988	294	796	735	12%	27%	73%
SRC11-017	NSI	NSI	NSI	NSI	NSI	NSI	NSI	NSI	NSI	NSI	NSI	NSI	NSI	NSI
SRC11-018	NSI	NSI	NSI	NSI	NSI	NSI	NSI	NSI	NSI	NSI	NSI	NSI	NSI	NSI
SRC11-019	NSI	NSI	NSI	NSI	NSI	NSI	NSI	NSI	NSI	NSI	NSI	NSI	NSI	NSI

Table 1. Significant REE results of the 2011 drilling at the Salt Creek Prospect – Eyre Peninsula, South Australia



Hole Id	From (m)	To (m)	CeO ₂ (ppm)	La ₂ O ₃ (ppm)	Dy ₂ O ₃ (ppm)	Er ₂ O ₃ (ppm)	Eu ₂ O ₃ (ppm)	Gd ₂ O ₃ (ppm)	Ho ₂ O ₃ (ppm)	Lu ₂ O ₃ (ppm)	Nd ₂ O ₃ (ppm)	Pr ₂ O ₃ (ppm)	Sm ₂ O ₃ (ppm)	Tb ₂ O ₃ (ppm)	Tm ₂ O ₃ (ppm)	Yb ₂ O ₃ (ppm)	Y ₂ O ₃ (ppm)	Sc ₂ O ₃ (ppm)	ThO ₂ (ppm)	U ₃ O ₈ (ppm)	TREO (ppm)	TREO-CeO ₂ (ppm)	LREO (ppm)	HREO (ppm)	CREO (ppm)	NdPr (%)	%LREO	%HREO	
			1	1	0.5	1	0.5	1	1	0.5	0.5	1	0.5	0.5	1	1	1	1	1	1	1								
SCRC11_001	0	1	28.50	13.60	3.96	2.42	1.07	3.95	0.81	0.32	16.45	4.20	3.64	0.66	0.34	2.21	27.94	25.31	3.53	4.36	110.08	81.58	62.75	47.32	50.07	19%	57%	43%	
SCRC11_001	1	2	24.81	8.33	4.09	2.62	0.95	3.46	0.86	0.38	11.66	2.74	2.95	0.64	0.39	2.52	28.45	52.61	2.73	7.31	94.82	70.01	47.55	47.28	45.78	15%	50%	50%	
SCRC11_001	2	3	30.71	3.99	2.71	1.58	1.13	2.47	0.54	0.28	6.88	1.37	2.34	0.45	0.24	1.62	14.10	76.38	1.02	5.90	70.40	39.69	42.94	27.45	25.27	12%	61%	39%	
SCRC11_001	3	4	6.08	1.52	1.49	0.99	0.31	1.11	0.32	0.15	3.03	0.64	0.94	0.22	0.15	1.04	8.64	75.16	1.02	4.13	26.64	20.55	11.28	15.36	13.70	14%	42%	58%	
SCRC11_001	4	5	5.50	1.88	1.58	1.09	0.31	1.07	0.33	0.18	3.15	0.71	0.89	0.24	0.17	1.23	8.25	84.97	0.91	6.49	26.59	21.09	11.24	15.35	13.54	15%	42%	58%	
SCRC11_001	5	6	3.55	1.52	0.86	0.58	0.21	0.66	0.18	0.11	2.68	0.62	0.67	0.13	0.10	0.76	4.06	63.04	0.68	4.84	16.71	13.16	8.37	8.34	7.94	20%	50%	50%	
SCRC11_001	6	7	11.93	12.20	1.35	0.85	0.51	1.48	0.27	0.16	9.80	2.91	1.87	0.25	0.16	1.10	5.97	73.78	0.80	6.72	50.80	38.87	36.83	13.97	17.88	25%	73%	27%	
SCRC11_001	7	8	11.93	12.20	1.35	0.85	0.51	1.48	0.27	0.16	9.80	2.91	1.87	0.25	0.16	1.10	5.97	73.78	0.80	6.72	50.80	38.87	36.83	13.97	17.88	25%	73%	27%	
SCRC11_001	8	9	11.93	12.20	1.35	0.85	0.51	1.48	0.27	0.16	9.80	2.91	1.87	0.25	0.16	1.10	5.97	73.78	0.80	6.72	50.80	38.87	36.83	13.97	17.88	25%	73%	27%	
SCRC11_001	9	10	94.96	53.25	10.31	5.80	5.47	16.60	1.88	0.72	134.14	25.61	27.48	2.56	0.75	4.50	58.42	17.03	3.19	16.98	442.43	347.47	307.95	134.48	210.89	36%	70%	30%	
SCRC11_001	10	11	94.96	53.25	10.31	5.80	5.47	16.60	1.88	0.72	134.14	25.61	27.48	2.56	0.75	4.50	58.42	17.03	3.19	16.98	442.43	347.47	307.95	134.48	210.89	36%	70%	30%	
SCRC11_001	11	12	94.96	53.25	10.31	5.80	5.47	16.60	1.88	0.72	134.14	25.61	27.48	2.56	0.75	4.50	58.42	17.03	3.19	16.98	442.43	347.47	307.95	134.48	210.89	36%	70%	30%	
SCRC11_001	12	13	154.16	169.47	16.87	7.38	11.31	34.00	2.55	0.76	279.94	64.28	57.05	4.67	0.85	4.91	52.45	9.20	3.41	11.68	860.65	706.48	667.85	192.80	365.24	40%	78%	22%	
SCRC11_001	13	14	154.16	169.47	16.87	7.38	11.31	34.00	2.55	0.76	279.94	64.28	57.05	4.67	0.85	4.91	52.45	9.20	3.41	11.68	860.65	706.48	667.85	192.80	365.24	40%	78%	22%	
SCRC11_001	14	15	46.31	36.36	12.22	8.88	3.74	13.72	2.75	1.21	75.12	16.31	16.06	2.49	1.29	7.56	105.66	7.82	3.19	13.09	349.67	303.36	174.09	175.58	199.23	26%	50%	50%	
SCRC11_001	15	16	46.31	36.36	12.22	8.88	3.74	13.72	2.75	1.21	75.12	16.31	16.06	2.49	1.29	7.56	105.66	7.82	3.19	13.09	349.67	303.36	174.09	175.58	199.23	26%	50%	50%	
SCRC11_001	16	17	27.15	12.08	18.71	13.66	2.84	13.02	4.35	1.84	29.28	5.55	8.66	2.67	1.98	12.87	207.63	11.04	6.49	16.86	362.28	335.13	74.05	288.23	261.12	10%	20%	80%	
SCRC11_001	17	18	37.34	11.85	11.48	7.41	2.20	8.55	2.42	1.10	18.31	3.15	6.51	1.75	1.13	7.89	73.91	9.36	4.55	15.10	195.00	157.66	70.65	124.35	107.65	11%	36%	64%	
SCRC11_001	18	19	64.61	11.02	13.20	8.11	2.78	10.57	2.69	1.26	21.35	3.54	8.31	2.08	1.26	8.90	62.73	7.98	3.64	13.56	222.42	157.81	100.52	121.90	102.14	11%	45%	55%	
SCRC11_001	19	20	34.03	32.49	9.41	4.97	3.11	10.48	1.68	0.72	61.00	13.71	12.58	1.69	0.73	5.12	37.08	6.75	3.98	13.21	228.82	194.79	141.23	87.59	112.30	33%	62%	38%	
SCRC11_001	20	21	46.07	29.79	9.98	5.36	3.02	10.27	1.83	0.81	45.61	10.05	10.68	1.74	0.80	5.61	34.80	6.14	4.10	10.14	216.42	170.36	131.51	84.91	95.15	26%	61%	39%	
SCRC11_001	21	22	42.50	17.36	9.35	5.17	2.59	8.78	1.73	0.81	34.41	7.04	8.92	1.60	0.80	5.73	32.13	6.90	3.53	16.04	178.92	136.42	101.31	77.61	80.08	23%	57%	43%	
SCRC11_001	22	23	35.62	16.89	7.48	4.20	2.30	7.60	1.40	0.60	38.96	8.03	9.07	1.29	0.61	4.24	37.46	7.82	5.69	16.86	175.75	140.13	99.50	76.24	87.50	27%	57%	43%	
SCRC11_001	23	24	81.69	40.93	10.01	5.24	3.73	12.04	1.76	0.74	80.48	18.55	15.83	1.85	0.73	5.09	46.48	5.83	3.19	23.11	325.14	243.45	221.65	103.50	142.54	30%	68%	32%	
SCRC11_001	24	25	85.01	36.94	9.34	5.43	2.94	10.29	1.79	0.76	63.22	15.65	12.35	1.63	0.77	5.22	56.51	7.36	4.32	26.18	307.85	222.84	200.81	107.03	133.65	26%	65%	35%	
SCRC11_001	25	26	107.61	49.73	8.58	4.73	3.00	10.81	1.58	0.64	74.18	19.33	13.16	1.58	0.65	4.42	47.75	5.98	2.84	23.94	347.75	240.14	250.85	96.90	135.09	27%	72%	28%	
SCRC11_001	26	27	253.05	93.47	11.20	4.89	5.29	18.73	1.70	0.61	138.22	38.42	25.40	2.36	0.61	4.12	38.35	6.75	3.64	18.63	636.43	383.38	523.16	113.26	195.43	28%	82%	18%	
SCRC11_001	27	28	230.94	74.59	10.05	5.21	4.04	14.58	1.75	0.72	107.78	27.79	17.80	1.95	0.71	4.75	46.61	6.60	3.64	24.06	549.27	318.33	441.09	108.17	170.43	25%	80%	20%	
SCRC11_001	28	29	211.90	71.07	10.55	5.43	4.12	15.50	1.83	0.69	108.59	27.55	18.03	2.05	0.72	4.75	51.30	7.36	3.98	24.18	534.09	322.19	419.11	114.98	176.61	25%	78%	22%	
SCRC11_001	29	30	133.90	40.46	8.57	4.76	2.91	10.63	1.60	0.66	60.77	16.31	11.35	1.54	0.66	4.36	43.68	7.06	2.62	22.17	342.17	208.27	251.44	90.73	117.47	23%	73%	27%	
SCRC11_001	30	31	75.06	36.24	8.72	6.44	2.78	11.06	2.06	0.73	52.37	12.93	10.53	1.79	0.83	4.36	95.62	25.92	3.07	7.31	321.52	246.47	176.59	144.93	161.28	20%	55%	45%	
SCRC11_001	31	32	75.06	36.24	8.72	6.44	2.78	11.06	2.06	0.73	52.37	12.93	10.53	1.79	0.83	4.36	95.62	25.92	3.07	7.31	321.52	246.47	176.59	144.93	161.28	20%	55%	45%	
SCRC11_001	32	33	75.06	36.24	8.72	6.44	2.78	11.06	2.06	0.73	52.37	12.93	10.53	1.79	0.83	4.36	95.62	25.92	3.07	7.31	321.52	246.47	176.59	144.93	161.28	20%	55%	45%	
SCRC11_001	33	34	75.06	36.24	8.72	6.44	2.78	11.06	2.06	0.73	52.37	12.93	10.53	1.79	0.83	4.36	95.62	25.92	3.07	7.31	321.52	246.47	176.59	144.93	161.28	20%	55%	45%	
SCRC11_001	34	35	26.78	11.61	6.56	4.23	2.52	7.32	1.41	0.48	24.61	5.20	6.82	1.35	0.55	3.03	35.43	71.01	0.68	0.47	137.90	111.12	68.20	69.70	70.48	22%	49%	51%	
SCRC11_001	35	36	26.78	11.61	6.56	4.23	2.52	7.32	1.41	0.48	24.61	5.20	6.82	1.35	0.55	3.03	35.43	71.01	0.68	0.47	137.90	111.12	68.20	69.70	70.48	22%	49%	51%	
SCRC11_001	36	37	26.78	11.61	6.56	4.23	2.52	7.32	1.41	0.48	24.61	5.20	6.82	1.35	0.55	3.03	35.43	71.01	0.68	0.47	137.90	111.12	68.20	69.70	70.48	22%	49%	51%	
SCRC11_001	37	38	26.78	11.61	6.56	4.23	2.52	7.32	1.41	0.48	24.61	5.20	6.82	1.35	0.55	3.03	35.43	71.01	0.68	0.47	137.90	111.12	68.20	69.70	70.48	22%	49%	51%	
SCRC11_001	38	39	60.19	28.38	5.45	3.98	1.62	6.58	1.27	0.47	29.74	7.85	5.72	1.08	0.54	2.87	38.73	14.26	5.69	2.24	194.48	134.29	126.17	68.31	76.63	19%	65%	35%	
SCRC11_001	39	40	60.19	28.38	5.45	3.98	1.62	6.58	1.27	0.47	29.74	7.85	5.72	1.08	0.54	2.87	38.73	14.26	5.69	2.24	194.48	134.29	126.17	68.31	76.63	19%	65%	35%	
SCRC11_001	40	41	60.19	28.38	5.45	3.98	1.62	6.58	1.27	0.47	29.74	7.85	5.72	1.08	0.54	2.87	38.73	14.26	5.69	2.24	194.48	134.29	126.17	68.31	76.63	19%	65%	35%	
SCRC11_001	41	42	73.70	31.90	5.33	3.68	1.85	7.10	1.18	0.44	35.81	9.52	6.82	1.13	0.49	2.68	32.2												

Hole Id	From (m)	To (m)	CeO ₂ (ppm)	La ₂ O ₃ (ppm)	Dy ₂ O ₃ (ppm)	Er ₂ O ₃ (ppm)	Eu ₂ O ₃ (ppm)	Gd ₂ O ₃ (ppm)	Ho ₂ O ₃ (ppm)	Lu ₂ O ₃ (ppm)	Nd ₂ O ₃ (ppm)	Pr ₂ O ₃ (ppm)	Sm ₂ O ₃ (ppm)	Tb ₂ O ₃ (ppm)	Tm ₂ O ₃ (ppm)	Yb ₂ O ₃ (ppm)	Y ₂ O ₃ (ppm)	Sc ₂ O ₃ (ppm)	ThO ₂ (ppm)	U ₃ O ₈ (ppm)	TREO (ppm)	TREO-CeO ₂ (ppm)	LREO (ppm)	HREO (ppm)	CREO (ppm)	NdPr (%)	%LREO	%HREO	
			1	1	0.5	1	0.5	1	1	0.5	0.5	1	0.5	0.5	1	1	1	1	1	1									
SCRC11_002	1	2	39.55	17.12	8.31	5.41	1.96	7.16	1.74	0.80	23.21	5.28	5.96	1.31	0.82	5.50	42.16	6.60	4.10	19.34	166.29	126.73	85.17	81.12	76.94	17%	51%	49%	
SCRC11_002	2	3	61.17	26.15	12.57	8.27	3.07	11.26	2.65	1.25	40.59	9.39	9.60	1.99	1.26	8.55	67.43	8.13	5.12	18.16	265.20	204.02	137.31	127.89	125.65	19%	52%	48%	
SCRC11_002	3	4	59.82	47.73	13.08	8.53	3.91	13.95	2.69	1.25	76.17	18.18	14.38	2.18	1.26	8.46	85.72	9.82	5.69	16.51	357.31	297.49	201.91	155.41	181.06	26%	57%	43%	
SCRC11_002	4	5	76.90	290.85	36.38	17.04	19.68	64.08	5.72	2.08	479.39	122.03	87.20	7.69	2.18	14.80	157.47	15.64	6.49	14.62	1383.50	1306.61	969.17	414.33	700.62	43%	70%	30%	
SCRC11_002	5	6	62.16	216.38	59.45	32.02	19.16	66.27	10.71	4.38	327.76	85.18	72.01	10.64	4.67	31.66	225.41	17.49	5.12	11.68	1227.86	1165.70	691.48	536.38	642.42	34%	56%	44%	
SCRC11_002	6	7	30.96	28.97	19.68	14.07	4.46	16.89	4.44	1.80	42.92	10.69	13.16	3.73	2.04	11.61	121.40	76.54	1.71	4.95	326.82	295.87	113.54	213.28	192.20	16%	35%	65%	
SCRC11_002	7	8	30.96	28.97	19.68	14.07	4.46	16.89	4.44	1.80	42.92	10.69	13.16	3.73	2.04	11.61	121.40	76.54	1.71	4.95	326.82	295.87	113.54	213.28	192.20	16%	35%	65%	
SCRC11_002	8	9	30.96	28.97	19.68	14.07	4.46	16.89	4.44	1.80	42.92	10.69	13.16	3.73	2.04	11.61	121.40	76.54	1.71	4.95	326.82	295.87	113.54	213.28	192.20	16%	35%	65%	
SCRC11_002	9	10	70.51	62.98	50.27	26.30	12.16	44.61	9.24	3.53	87.60	22.41	31.19	8.61	3.91	25.85	166.36	33.13	3.87	8.49	625.52	555.01	243.50	382.02	324.99	18%	39%	61%	
SCRC11_002	10	11	29.48	8.80	19.40	13.49	3.91	17.35	4.44	1.63	21.70	4.24	10.31	3.75	1.91	10.33	83.43	104.91	1.02	2.59	234.16	204.68	64.21	169.95	132.19	11%	27%	73%	
SCRC11_002	11	12	29.48	8.80	19.40	13.49	3.91	17.35	4.44	1.63	21.70	4.24	10.31	3.75	1.91	10.33	83.43	104.91	1.02	2.59	234.16	204.68	64.21	169.95	132.19	11%	27%	73%	
SCRC11_002	12	13	29.48	8.80	19.40	13.49	3.91	17.35	4.44	1.63	21.70	4.24	10.31	3.75	1.91	10.33	83.43	104.91	1.02	2.59	234.16	204.68	64.21	169.95	132.19	11%	27%	73%	
SCRC11_002	13	14	29.48	8.80	19.40	13.49	3.91	17.35	4.44	1.63	21.70	4.24	10.31	3.75	1.91	10.33	83.43	104.91	1.02	2.59	234.16	204.68	64.21	169.95	132.19	11%	27%	73%	
SCRC11_002	14	15	67.81	90.07	31.33	19.50	7.04	31.70	6.64	2.29	111.86	27.06	24.47	5.13	2.59	15.49	175.25	58.44	5.35	5.19	618.22	550.41	296.80	321.42	330.60	22%	48%	52%	
SCRC11_002	15	16	42.75	19.47	18.25	11.09	4.19	15.56	3.80	1.33	39.77	8.51	13.57	2.93	1.52	9.12	111.37	72.86	1.59	3.66	303.23	260.48	110.50	192.73	176.51	16%	36%	64%	
SCRC11_002	16	17	45.21	18.53	23.99	14.41	5.84	20.40	4.96	1.72	51.67	10.57	18.09	3.88	1.96	11.90	140.32	82.67	0.80	3.30	373.45	328.24	125.98	247.47	225.70	17%	34%	66%	
SCRC11_002	17	18	94.34	29.20	53.83	31.10	13.84	48.64	10.93	3.64	130.05	23.74	48.59	8.99	4.15	24.94	318.74	26.69	6.37	8.37	844.71	750.37	277.34	567.38	525.45	18%	33%	67%	
SCRC11_002	18	19	74.32	36.71	34.78	20.98	8.61	31.24	7.19	2.52	94.71	19.09	29.69	5.72	2.82	17.19	224.77	18.10	6.71	7.19	610.34	536.03	224.83	385.52	368.59	19%	37%	63%	
SCRC11_002	19	20	48.77	8.56	8.30	5.37	1.99	7.24	1.79	0.68	19.83	3.78	6.11	1.33	0.73	4.52	58.92	61.81	1.71	2.12	177.93	129.16	80.94	96.99	90.37	13%	45%	55%	
SCRC11_002	20	21	72.23	22.40	17.16	10.78	3.93	16.14	3.69	1.34	41.06	8.13	11.56	2.78	1.44	8.71	94.86	79.91	1.71	2.71	316.20	243.97	143.82	172.38	159.78	16%	45%	55%	
SCRC11_002	21	22	48.40	7.98	12.51	8.00	2.54	11.81	3.01	1.07	21.58	4.22	6.88	2.15	1.16	6.40	84.58	101.69	1.59	2.12	222.28	173.88	82.17	140.11	123.35	12%	37%	63%	
SCRC11_002	22	23	59.58	20.41	27.89	15.15	6.40	28.12	5.97	1.98	56.92	10.26	18.03	5.20	2.28	12.70	104.26	94.64	1.25	3.07	375.15	315.57	147.16	227.98	200.67	18%	39%	61%	
SCRC11_002	23	24	13.14	16.54	34.89	16.41	8.88	30.54	6.48	2.41	68.82	10.60	27.13	6.73	2.74	16.91	87.62	38.81	6.03	6.84	349.85	336.70	109.09	240.75	206.94	23%	31%	69%	
SCRC11_002	24	25	27.76	18.53	15.72	7.31	4.77	13.54	2.84	1.13	41.29	7.71	16.06	3.09	1.24	7.95	52.32	42.79	4.32	4.48	221.27	193.51	95.29	125.98	117.20	22%	43%	57%	
SCRC11_002	25	26	39.06	20.17	18.36	8.59	5.66	16.14	3.34	1.24	51.79	9.67	19.25	3.62	1.43	8.76	62.48	104.30	0.80	4.01	269.56	230.49	120.69	148.87	141.92	23%	45%	55%	
SCRC11_002	26	27	24.94	11.96	17.67	8.71	5.35	15.39	3.39	1.26	45.37	7.72	18.44	3.42	1.43	8.76	72.51	86.35	0.68	3.54	246.33	221.39	89.99	156.33	144.33	22%	37%	63%	
SCRC11_002	27	28	43.12	20.29	21.75	11.49	6.53	19.19	4.36	1.71	56.80	10.38	22.38	4.09	1.85	11.20	112.77	83.13	0.68	4.13	347.92	304.80	130.59	217.33	201.94	19%	38%	62%	
SCRC11_002	28	29	34.15	14.89	21.92	12.75	5.57	19.36	4.79	1.90	47.71	8.24	18.55	4.03	2.03	12.18	126.23	83.59	0.80	5.07	334.31	300.16	104.99	229.32	205.46	17%	31%	69%	
SCRC11_002	29	30	29.48	8.33	18.02	10.25	3.91	15.10	3.93	1.38	30.56	5.23	11.94	3.25	1.58	9.18	81.53	88.19	0.80	3.89	233.65	204.17	73.60	160.05	137.27	15%	31%	69%	
SCRC11_002	30	31	26.66	41.52	57.84	46.65	13.03	62.36	15.24	4.63	104.04	17.76	32.82	10.95	5.66	26.76	860.99	116.72	0.80	0.83	1326.90	1300.25	189.98	1136.93	1046.86	9%	14%	86%	
SCRC11_002	31	32	26.66	41.52	57.84	46.65	13.03	62.36	15.24	4.63	104.04	17.76	32.82	10.95	5.66	26.76	860.99	116.72	0.80	0.83	1326.90	1300.25	189.98	1136.93	1046.86	9%	14%	86%	
SCRC11_002	32	33	26.66	41.52	57.84	46.65	13.03	62.36	15.24	4.63	104.04	17.76	32.82	10.95	5.66	26.76	860.99	116.72	0.80	0.83	1326.90	1300.25	189.98	1136.93	1046.86	9%	14%	86%	
SCRC11_002	33	34	13.94	10.91	3.71	2.58	1.45	4.84	0.85	0.32	15.63	3.08	3.90	0.79	0.35	1.95	28.19	83.90	0.46	0.83	92.48	78.54	43.56	48.92	49.76	20%	47%	53%	
SCRC11_002	34	35	13.94	10.91	3.71	2.58	1.45	4.84	0.85	0.32	15.63	3.08	3.90	0.79	0.35	1.95	28.19	83.90	0.46	0.83	92.48	78.54	43.56	48.92	49.76	20%	47%	53%	
SCRC11_002	35	36	13.94	10.91	3.71	2.58	1.45	4.84	0.85	0.32	15.63	3.08	3.90	0.79	0.35	1.95	28.19	83.90	0.46	0.83	92.48	78.54	43.56	48.92	49.76	20%	47%	53%	
SCRC11_002	36	37	13.94	10.91	3.71	2.58	1.45	4.84	0.85	0.32	15.63	3.08	3.90	0.79	0.35	1.95	28.19	83.90	0.46	0.83	92.48	78.54	43.56	48.92	49.76	20%	47%	53%	
SCRC11_002	37	38	61.67	34.13	8.57	6.25	2.74	9.95	1.98	0.71	41.06	10.06	8.71	1.69	0.82	4.44	61.84	33.74	4.32	4.60	254.63	192.97	146.92	107.72	115.91	20%	58%	42%	
SCRC11_002	38	39	61.67	34.13	8.57	6.25	2.74	9.95	1.98	0.71	41.06	10.06	8.71	1.69	0.82	4.44	61.84	33.74	4.32	4.60	254.63	192.97	146.92	107.72	115.91	20%	58%	42%	
SCRC11_002	39	40	61.67	34.13	8.57	6.25	2.74	9.95	1.98	0.71	41.06	10.06	8.71	1.69	0.82	4.44	61.84	33.74	4.32	4.60	254.63	192.97	146.92	107.72	115.91	20%	58%	42%	
SCRC11_002	40	41	61.67	34.13	8.57	6.25	2.74	9.95	1.98	0.71	41.06	10.06	8.71	1.69	0.82	4.44	61.84	33.74	4.32	4.60	254.63	192.97	146.92	107.72	115.91	20%	58%	42%	
SCRC11_002	41	42	59.21	38.70	7.05	4.52	1.89	7.45	1.68	0.63	26.01	7.01	5.60	1.28	0.67	3.84	68.57	7.82	3.30	5.19	234.10	174.90	130.93	103.17	104.80	14%	56%	44%	
SCRC11_002	42																												

Hole Id	From (m)	To (m)	CeO ₂ (ppm)	La ₂ O ₃ (ppm)	Dy ₂ O ₃ (ppm)	Er ₂ O ₃ (ppm)	Eu ₂ O ₃ (ppm)	Gd ₂ O ₃ (ppm)	Ho ₂ O ₃ (ppm)	Lu ₂ O ₃ (ppm)	Nd ₂ O ₃ (ppm)	Pr ₂ O ₃ (ppm)	Sm ₂ O ₃ (ppm)	Tb ₂ O ₃ (ppm)	Tm ₂ O ₃ (ppm)	Yb ₂ O ₃ (ppm)	Y ₂ O ₃ (ppm)	Sc ₂ O ₃ (ppm)	ThO ₂ (ppm)	U ₃ O ₈ (ppm)	TREO (ppm)	TREO-CeO ₂ (ppm)	LREO (ppm)	HREO (ppm)	CREO (ppm)	NdPr (%)	%LREO	%HREO
SCRC11_002	45	46	59.95	33.78	15.26	11.27	3.89	17.40	3.67	1.24	50.27	10.46	12.70	3.06	1.47	7.69	117.47	9.05	3.53	5.07	349.58	289.63	154.46	195.12	189.95	17%	44%	56%
SCRC11_002	46	47	39.43	21.93	6.78	5.15	1.85	7.68	1.64	0.58	26.94	6.26	6.09	1.34	0.69	3.64	50.16	7.06	2.50	3.54	180.16	140.73	94.57	85.59	87.08	18%	52%	48%
SCRC11_002	47	48	39.43	21.93	6.78	5.15	1.85	7.68	1.64	0.58	26.94	6.26	6.09	1.34	0.69	3.64	50.16	7.06	2.50	3.54	180.16	140.73	94.57	85.59	87.08	18%	52%	48%
SCRC11_002	48	49	39.43	21.93	6.78	5.15	1.85	7.68	1.64	0.58	26.94	6.26	6.09	1.34	0.69	3.64	50.16	7.06	2.50	3.54	180.16	140.73	94.57	85.59	87.08	18%	52%	48%
SCRC11_002	49	50	39.43	21.93	6.78	5.15	1.85	7.68	1.64	0.58	26.94	6.26	6.09	1.34	0.69	3.64	50.16	7.06	2.50	3.54	180.16	140.73	94.57	85.59	87.08	18%	52%	48%
SCRC11_002	50	51	45.21	25.22	4.48	3.41	1.30	5.26	1.07	0.41	24.03	6.26	4.51	0.87	0.46	2.47	33.91	6.44	3.53	3.18	158.83	113.63	100.71	58.13	64.58	19%	63%	37%
SCRC11_002	51	52	45.21	25.22	4.48	3.41	1.30	5.26	1.07	0.41	24.03	6.26	4.51	0.87	0.46	2.47	33.91	6.44	3.53	3.18	158.83	113.63	100.71	58.13	64.58	19%	63%	37%
SCRC11_002	52	53	45.21	25.22	4.48	3.41	1.30	5.26	1.07	0.41	24.03	6.26	4.51	0.87	0.46	2.47	33.91	6.44	3.53	3.18	158.83	113.63	100.71	58.13	64.58	19%	63%	37%
SCRC11_002	53	54	45.21	25.22	4.48	3.41	1.30	5.26	1.07	0.41	24.03	6.26	4.51	0.87	0.46	2.47	33.91	6.44	3.53	3.18	158.83	113.63	100.71	58.13	64.58	19%	63%	37%
SCRC11_002	54	55	25.92	13.02	5.38	3.88	1.69	5.72	1.25	0.44	18.55	4.17	4.74	1.06	0.51	2.72	36.45	35.74	1.93	1.65	125.49	99.57	61.65	63.84	63.12	18%	49%	51%
SCRC11_002	55	56	25.92	13.02	5.38	3.88	1.69	5.72	1.25	0.44	18.55	4.17	4.74	1.06	0.51	2.72	36.45	35.74	1.93	1.65	125.49	99.57	61.65	63.84	63.12	18%	49%	51%
SCRC11_002	56	57	25.92	13.02	5.38	3.88	1.69	5.72	1.25	0.44	18.55	4.17	4.74	1.06	0.51	2.72	36.45	35.74	1.93	1.65	125.49	99.57	61.65	63.84	63.12	18%	49%	51%
SCRC11_002	57	58	25.92	13.02	5.38	3.88	1.69	5.72	1.25	0.44	18.55	4.17	4.74	1.06	0.51	2.72	36.45	35.74	1.93	1.65	125.49	99.57	61.65	63.84	63.12	18%	49%	51%
SCRC11_002	58	59	41.03	20.76	7.04	5.08	2.21	7.70	1.63	0.57	26.13	6.08	6.47	1.40	0.67	3.53	46.48	45.55	3.30	1.77	176.76	135.73	93.99	82.77	83.25	18%	53%	47%
SCRC11_002	59	60	41.03	20.76	7.04	5.08	2.21	7.70	1.63	0.57	26.13	6.08	6.47	1.40	0.67	3.53	46.48	45.55	3.30	1.77	176.76	135.73	93.99	82.77	83.25	18%	53%	47%
SCRC11_002	60	61	41.03	20.76	7.04	5.08	2.21	7.70	1.63	0.57	26.13	6.08	6.47	1.40	0.67	3.53	46.48	45.55	3.30	1.77	176.76	135.73	93.99	82.77	83.25	18%	53%	47%
SCRC11_002	61	62	41.03	20.76	7.04	5.08	2.21	7.70	1.63	0.57	26.13	6.08	6.47	1.40	0.67	3.53	46.48	45.55	3.30	1.77	176.76	135.73	93.99	82.77	83.25	18%	53%	47%
SCRC11_002	62	63	67.07	29.09	5.68	4.03	1.77	6.92	1.31	0.49	30.68	7.85	6.32	1.18	0.55	2.96	37.08	24.39	7.62	2.71	202.96	135.89	134.69	68.27	76.39	19%	66%	34%
SCRC11_002	63	64	67.07	29.09	5.68	4.03	1.77	6.92	1.31	0.49	30.68	7.85	6.32	1.18	0.55	2.96	37.08	24.39	7.62	2.71	202.96	135.89	134.69	68.27	76.39	19%	66%	34%
SCRC11_002	64	65	67.07	29.09	5.68	4.03	1.77	6.92	1.31	0.49	30.68	7.85	6.32	1.18	0.55	2.96	37.08	24.39	7.62	2.71	202.96	135.89	134.69	68.27	76.39	19%	66%	34%
SCRC11_002	65	66	67.07	29.09	5.68	4.03	1.77	6.92	1.31	0.49	30.68	7.85	6.32	1.18	0.55	2.96	37.08	24.39	7.62	2.71	202.96	135.89	134.69	68.27	76.39	19%	66%	34%
SCRC11_003	0	1	549.09	74.00	9.34	5.08	2.94	12.97	1.73	0.67	61.24	17.34	11.83	1.92	0.72	4.45	48.38	26.69	2.96	7.08	801.70	252.61	701.67	100.03	123.82	10%	88%	12%
SCRC11_003	1	2	749.32	63.80	6.16	3.36	1.96	8.58	1.12	0.48	43.16	12.50	8.36	1.31	0.48	3.04	29.97	31.29	2.16	8.14	933.60	184.28	868.79	64.81	82.55	6%	93%	7%
SCRC11_003	2	3	675.62	76.82	7.23	4.00	2.37	10.00	1.36	0.53	55.52	16.19	9.87	1.49	0.56	3.37	39.24	46.63	1.82	8.49	904.19	228.57	824.15	80.04	105.86	8%	91%	9%
SCRC11_003	3	4	448.37	187.65	6.86	3.25	4.11	14.98	1.03	0.40	142.30	45.79	22.84	1.66	0.39	2.44	26.54	30.06	2.05	6.84	908.61	460.24	824.11	84.50	181.47	21%	91%	9%
SCRC11_003	4	5	351.32	167.12	10.85	6.03	5.67	19.48	1.94	0.75	156.30	48.45	26.79	2.36	0.75	4.55	70.61	35.43	3.41	8.14	872.97	521.65	723.19	149.78	245.79	23%	83%	17%
SCRC11_003	5	6	573.66	254.50	12.22	5.39	9.23	30.54	1.65	0.58	321.93	91.22	52.88	3.23	0.58	3.50	55.24	26.07	2.84	7.55	1416.35	842.69	1241.31	175.04	401.85	29%	88%	12%
SCRC11_003	6	7	334.12	168.30	10.41	5.20	5.82	20.40	1.66	0.60	197.70	55.21	32.24	2.40	0.64	3.76	59.30	25.46	4.78	9.91	897.78	563.66	755.34	142.44	275.64	28%	84%	16%
SCRC11_003	7	8	272.70	218.14	35.12	19.55	14.42	53.02	6.31	2.24	438.57	102.33	70.97	7.39	2.59	15.66	210.17	16.72	3.19	9.08	1469.18	1196.47	1031.75	437.43	705.66	37%	70%	30%
SCRC11_003	8	9	469.25	453.87	30.76	13.61	18.35	70.19	4.28	1.48	652.02	180.63	94.62	7.73	1.62	10.17	123.18	24.69	6.03	9.91	2131.76	1662.51	1755.77	376.00	832.04	39%	82%	18%
SCRC11_003	9	10	251.82	77.52	9.78	5.63	3.69	11.99	2.06	0.83	77.80	22.90	14.73	1.98	0.86	5.06	78.99	27.46	2.84	11.56	565.62	313.80	430.04	135.58	172.23	18%	76%	24%
SCRC11_003	10	11	254.28	152.46	11.17	6.93	4.15	13.54	2.42	1.05	110.81	34.68	17.74	2.15	1.08	6.64	88.77	11.96	5.58	8.73	707.86	453.58	552.23	155.63	217.04	21%	78%	22%
SCRC11_003	11	12	337.81	363.57	17.73	8.98	8.78	29.85	3.23	1.19	276.44	102.09	42.79	3.87	1.28	7.58	103.88	8.74	5.92	8.02	1309.07	971.26	1079.91	229.16	410.69	29%	82%	18%
SCRC11_003	12	13	144.34	204.07	13.77	7.43	5.93	19.13	2.77	1.08	139.97	44.82	22.09	2.83	1.11	6.38	81.53	6.60	6.83	8.14	697.25	552.92	533.20	164.06	244.03	27%	76%	24%
SCRC11_003	13	14	13.45	19.23	4.91	3.98	1.09	4.44	1.23	0.51	19.36	4.76	4.15	0.91	0.57	3.23	44.95	2.15	2.39	2.24	126.78	113.33	56.81	69.97	71.22	19%	45%	55%
SCRC11_003	14	15	13.45	19.23	4.91	3.98	1.09	4.44	1.23	0.51	19.36	4.76	4.15	0.91	0.57	3.23	44.95	2.15	2.39	2.24	126.78	113.33	56.81	69.97	71.22	19%	45%	55%
SCRC11_003	15	16	12.47	23.10	5.73	3.85	1.44	4.71	1.37	0.58	18.31	4.94	4.02	0.95	0.59	3.51	52.95	1.84	1.14	4.60	138.54	126.08	58.83	79.72	79.38	17%	42%	58%
SCRC11_003	16	17	24.94	25.68	18.08	11.40	4.15	14.18	4.17	1.76	28.81	6.16	10.68	3.11	1.84	11.06	125.09	6.29	1.37	8.49	291.09	266.15	85.59	205.50	179.22	12%	29%	71%
SCRC11_003	17	18	20.64	35.65	7.92	5.51	2.61	8.84	1.75	0.69	45.14	10.34	9.43	1.60	0.77	4.21	52.07	5.98	1.48	3.30	207.17	186.53	111.77	95.39	109.33	27%	54%	46%
SCRC11_003	18	19	20.64	35.65	7.92	5.51	2.61	8.84	1.75	0.69	45.14	10.34	9.43	1.60	0.77	4.21	52.07	5.98	1.48	3.30	207.17	186.53	111.77	95.39	109.33	27%	54%	46%
SCRC11_003	19	20	20.64	35.65	7.92	5.51	2.61	8.84	1.75	0.69	45.14	10.34	9.43	1.60	0.77	4.21	52.07	5.98	1.48	3.30	207.17	186.53	111.77	95.39	109.33	27%	54%	46%
SCRC11_003	20	21	20.64	35.65	7.92	5.51	2.61	8.84	1.75	0.69	45.14	10.34	9.43	1.60	0.77	4.21	52.07	5.98	1.48	3.30	207.17	186.53	111.77	95.39	109.33	27%	54%	46%
SCRC11_003	21	22	29.48	31.55	8.92	6.60	2.59	9.36	2.08	0.83	37.79	8.89																

Hole Id	From (m)	To (m)	CeO ₂ (ppm)	La ₂ O ₃ (ppm)	Dy ₂ O ₃ (ppm)	Er ₂ O ₃ (ppm)	Eu ₂ O ₃ (ppm)	Gd ₂ O ₃ (ppm)	Ho ₂ O ₃ (ppm)	Lu ₂ O ₃ (ppm)	Nd ₂ O ₃ (ppm)	Pr ₂ O ₃ (ppm)	Sm ₂ O ₃ (ppm)	Tb ₂ O ₃ (ppm)	Tm ₂ O ₃ (ppm)	Yb ₂ O ₃ (ppm)	Y ₂ O ₃ (ppm)	Sc ₂ O ₃ (ppm)	ThO ₂ (ppm)	U ₃ O ₈ (ppm)	TREO (ppm)	TREO-CeO ₂ (ppm)	LREO (ppm)	HREO (ppm)	CREO (ppm)	NdPr (%)	%LREO	%HREO	
			1	1	0.5	1	0.5	1	1	0.5	0.5	1	0.5	0.5	1	1	1	1	1	1	1								
SCRC11_003	23	24	29.48	31.55	8.92	6.60	2.59	9.36	2.08	0.83	37.79	8.89	8.66	1.75	0.91	5.01	68.45	12.73	3.64	5.78	222.88	193.40	107.71	115.17	119.50	21%	48%	52%	
SCRC11_003	24	25	29.48	31.55	8.92	6.60	2.59	9.36	2.08	0.83	37.79	8.89	8.66	1.75	0.91	5.01	68.45	12.73	3.64	5.78	222.88	193.40	107.71	115.17	119.50	21%	48%	52%	
SCRC11_003	25	26	50.24	27.80	12.57	8.35	3.96	13.66	2.70	1.08	49.46	12.38	13.63	2.60	1.19	6.62	61.97	41.72	4.78	10.26	268.19	217.95	139.88	128.32	130.55	23%	52%	48%	
SCRC11_003	26	27	50.24	27.80	12.57	8.35	3.96	13.66	2.70	1.08	49.46	12.38	13.63	2.60	1.19	6.62	61.97	41.72	4.78	10.26	268.19	217.95	139.88	128.32	130.55	23%	52%	48%	
SCRC11_003	27	28	50.24	27.80	12.57	8.35	3.96	13.66	2.70	1.08	49.46	12.38	13.63	2.60	1.19	6.62	61.97	41.72	4.78	10.26	268.19	217.95	139.88	128.32	130.55	23%	52%	48%	
SCRC11_003	28	29	50.24	27.80	12.57	8.35	3.96	13.66	2.70	1.08	49.46	12.38	13.63	2.60	1.19	6.62	61.97	41.72	4.78	10.26	268.19	217.95	139.88	128.32	130.55	23%	52%	48%	
SCRC11_003	29	30	72.60	259.19	13.26	5.96	7.20	24.78	2.23	0.83	240.28	70.08	31.19	3.09	0.81	5.12	71.62	15.18	6.83	13.92	808.25	735.65	642.14	166.10	335.45	38%	79%	21%	
SCRC11_003	30	31	77.14	304.93	15.26	6.52	8.59	29.97	2.47	0.80	265.94	87.72	38.61	3.63	0.82	4.93	74.54	14.11	6.37	10.61	921.88	844.74	735.73	186.16	367.97	38%	80%	20%	
SCRC11_003	31	32	63.26	258.02	17.67	8.66	10.29	37.92	2.83	0.85	330.09	89.65	49.98	4.72	0.98	5.36	63.37	20.09	5.80	8.61	943.65	880.39	741.02	202.64	426.14	44%	79%	21%	
SCRC11_003	32	33	63.26	258.02	17.67	8.66	10.29	37.92	2.83	0.85	330.09	89.65	49.98	4.72	0.98	5.36	63.37	20.09	5.80	8.61	943.65	880.39	741.02	202.64	426.14	44%	79%	21%	
SCRC11_003	33	34	78.49	267.40	15.38	6.76	7.94	27.78	2.63	0.86	246.11	66.69	33.98	3.58	0.90	5.28	76.96	8.90	6.14	8.26	840.75	762.25	658.70	182.05	349.96	37%	78%	22%	
SCRC11_003	34	35	91.64	254.50	18.31	8.74	8.45	30.66	3.39	1.10	248.44	66.69	35.37	4.09	1.19	6.88	94.73	11.35	7.51	10.14	874.18	782.54	661.27	212.91	374.03	36%	76%	24%	
SCRC11_003	35	36	94.83	145.43	19.28	10.30	6.90	25.47	3.97	1.36	153.96	38.78	26.21	3.93	1.48	8.35	106.04	39.27	4.10	6.60	646.31	551.48	433.01	213.30	290.11	30%	67%	33%	
SCRC11_003	36	37	91.52	100.27	18.88	9.83	6.90	24.09	3.87	1.28	122.47	32.02	24.47	3.88	1.43	7.99	88.89	63.04	2.73	4.60	537.80	446.29	346.28	191.52	241.03	29%	64%	36%	
SCRC11_003	37	38	50.73	31.08	6.52	4.88	2.10	8.07	1.52	0.61	38.14	9.36	7.26	1.33	0.64	3.55	59.18	79.14	2.28	2.95	224.98	174.25	129.32	95.66	107.26	21%	57%	43%	
SCRC11_003	38	39	50.73	31.08	6.52	4.88	2.10	8.07	1.52	0.61	38.14	9.36	7.26	1.33	0.64	3.55	59.18	79.14	2.28	2.95	224.98	174.25	129.32	95.66	107.26	21%	57%	43%	
SCRC11_003	39	40	50.73	31.08	6.52	4.88	2.10	8.07	1.52	0.61	38.14	9.36	7.26	1.33	0.64	3.55	59.18	79.14	2.28	2.95	224.98	174.25	129.32	95.66	107.26	21%	57%	43%	
SCRC11_003	40	41	77.51	31.43	8.65	6.11	3.01	10.68	1.98	0.73	41.76	9.51	9.79	1.80	0.80	4.43	58.16	85.74	2.28	3.07	266.35	188.84	160.21	106.14	113.38	19%	60%	40%	
SCRC11_003	41	42	77.51	31.43	8.65	6.11	3.01	10.68	1.98	0.73	41.76	9.51	9.79	1.80	0.80	4.43	58.16	85.74	2.28	3.07	266.35	188.84	160.21	106.14	113.38	19%	60%	40%	
SCRC11_003	42	43	92.50	58.05	12.80	7.59	3.99	14.98	2.97	0.98	50.27	12.69	11.56	2.43	1.06	5.76	104.77	59.51	2.28	4.36	382.41	289.91	213.51	168.90	174.26	16%	56%	44%	
SCRC11_003	43	44	59.70	47.38	14.40	9.27	3.09	15.68	3.59	1.07	41.64	10.35	8.63	2.61	1.23	6.39	142.23	13.50	3.30	8.02	367.26	307.56	159.08	208.19	203.98	14%	43%	57%	
SCRC11_003	44	45	90.66	38.47	9.25	6.43	2.21	9.70	2.38	0.82	30.44	8.30	6.63	1.62	0.89	4.75	121.78	10.43	6.26	7.43	334.34	243.68	167.87	166.47	165.31	12%	50%	50%	
SCRC11_003	45	46	78.37	28.97	7.77	5.52	1.90	8.36	1.98	0.65	27.06	7.01	5.73	1.36	0.77	4.10	101.59	11.50	6.03	7.43	281.14	202.76	141.41	139.73	139.69	12%	50%	50%	
SCRC11_003	46	47	77.51	37.65	20.20	14.69	3.66	23.40	5.54	1.51	47.71	10.27	10.15	3.51	1.88	9.21	219.69	12.12	9.44	6.96	486.58	409.07	173.13	313.45	294.76	12%	36%	64%	
SCRC11_003	47	48	83.16	42.92	12.05	9.19	2.44	13.95	3.38	0.99	39.07	10.08	7.47	2.06	1.21	6.05	170.17	10.89	7.40	7.55	404.19	321.03	175.24	228.95	225.79	12%	43%	57%	
SCRC11_003	48	49	71.98	30.96	15.38	10.99	2.96	18.73	4.22	1.08	40.71	9.15	8.64	2.68	1.40	6.54	125.72	12.88	13.77	5.78	351.14	279.16	152.80	198.34	187.45	14%	44%	56%	
SCRC11_003	49	50	72.11	28.26	8.50	6.07	1.81	10.14	2.30	0.60	27.99	7.14	5.81	1.53	0.79	3.76	78.48	12.42	11.27	5.31	255.30	183.19	135.51	119.79	118.31	14%	53%	47%	
SCRC11_003	50	51	117.56	56.18	9.35	6.72	2.23	11.01	2.44	0.75	44.21	12.26	8.12	1.65	0.91	4.75	109.59	17.03	16.50	4.36	387.73	270.18	230.20	157.53	167.03	15%	59%	41%	
SCRC11_003	51	52	66.46	29.32	19.45	12.86	3.43	21.50	4.90	1.43	40.82	8.29	9.36	3.45	1.80	9.25	116.07	7.67	6.71	7.31	348.39	281.93	144.89	203.50	183.22	14%	42%	58%	
SCRC11_003	52	53	71.37	22.52	15.55	10.29	2.67	16.02	3.89	1.21	30.79	6.34	7.33	2.71	1.46	7.70	119.75	8.13	6.71	6.13	319.61	248.24	131.02	188.58	171.48	12%	41%	59%	
SCRC11_003	53	54	116.94	91.48	25.82	19.04	5.33	29.85	7.01	2.01	79.78	18.85	15.89	4.53	2.52	12.35	402.56	12.58	8.88	5.66	833.97	717.02	307.05	526.92	518.02	12%	37%	63%	
SCRC11_003	54	55	31.08	15.95	5.68	3.87	2.17	6.51	1.27	0.48	23.09	5.01	6.06	1.16	0.51	2.87	36.70	75.31	1.25	0.83	142.42	111.34	75.14	67.29	68.81	20%	53%	47%	
SCRC11_003	55	56	31.08	15.95	5.68	3.87	2.17	6.51	1.27	0.48	23.09	5.01	6.06	1.16	0.51	2.87	36.70	75.31	1.25	0.83	142.42	111.34	75.14	67.29	68.81	20%	53%	47%	
SCRC11_003	56	57	31.08	15.95	5.68	3.87	2.17	6.51	1.27	0.48	23.09	5.01	6.06	1.16	0.51	2.87	36.70	75.31	1.25	0.83	142.42	111.34	75.14	67.29	68.81	20%	53%	47%	
SCRC11_004	0	1	41.27	23.22	1.17	0.80	0.38	1.79	0.24	0.13	13.88	4.26	2.35	0.27	0.11	0.71	8.00	7.98	10.92	1.06	96.59	57.32	82.64	15.95	23.70	18%	84%	16%	
SCRC11_004	1	2	41.27	23.22	1.17	0.80	0.38	1.79	0.24	0.13	13.88	4.26	2.35	0.27	0.11	0.71	8.00	7.98	10.92	1.06	96.59	57.32	82.64	15.95	23.70	18%	84%	16%	
SCRC11_004	2	3	41.27	23.22	1.17	0.80	0.38	1.79	0.24	0.13	13.88	4.26	2.35	0.27	0.11	0.71	8.00	7.98	10.92	1.06	96.59	57.32	82.64	15.95	23.70	18%	84%	16%	
SCRC11_004	3	4	41.27	23.22	1.17	0.80	0.38	1.79	0.24	0.13	13.88	4.26	2.35	0.27	0.11	0.71	8.00	7.98	10.92	1.06	96.59	57.32	82.64	15.95	23.70	18%	84%	16%	
SCRC11_004	4	5	52.70	31.31	2.23	1.48	0.82	3.16	0.47	0.23	20.65	6.05	3.94	0.49	0.22	1.33	13.84	38.50	19.23	4.60	138.92	86.22	110.71	28.21	38.03	19%	80%	20%	
SCRC11_004	5	6	52.70	31.31	2.23	1.48	0.82	3.16	0.47	0.23	20.65	6.05	3.94	0.49	0.22	1.33	13.84	38.50	19.23	4.60	138.92	86.22	110.71	28.21	38.03	19%	80%	20%	
SCRC11_004	6	7	52.70	31.31	2.23	1.48	0.82	3.16	0.47	0.23	20.65	6.05	3.94	0.49	0.22	1.33	13.84	38.50	19.23	4.60	138.92	86.22	110.71	28.21	38.03	19%	80%	20%	
SCRC11_004	7	8	52.70	31.31	2.2																								

Hole Id	From (m)	To (m)	CeO ₂ (ppm)	La ₂ O ₃ (ppm)	Dy ₂ O ₃ (ppm)	Er ₂ O ₃ (ppm)	Eu ₂ O ₃ (ppm)	Gd ₂ O ₃ (ppm)	Ho ₂ O ₃ (ppm)	Lu ₂ O ₃ (ppm)	Nd ₂ O ₃ (ppm)	Pr ₂ O ₃ (ppm)	Sm ₂ O ₃ (ppm)	Tb ₂ O ₃ (ppm)	Tm ₂ O ₃ (ppm)	Yb ₂ O ₃ (ppm)	Y ₂ O ₃ (ppm)	Sc ₂ O ₃ (ppm)	ThO ₂ (ppm)	U ₃ O ₈ (ppm)	TREO (ppm)	TREO-CeO ₂ (ppm)	LREO (ppm)	HREO (ppm)	CREO (ppm)	NdPr (%)	%LREO	%HREO
SCRC11_004	10	11	30.83	7.86	1.76	1.40	0.45	1.59	0.42	0.23	5.60	1.40	1.43	0.33	0.21	1.30	13.84	38.35	12.97	4.72	68.64	37.80	45.69	22.95	21.98	10%	67%	33%
SCRC11_004	11	12	30.83	7.86	1.76	1.40	0.45	1.59	0.42	0.23	5.60	1.40	1.43	0.33	0.21	1.30	13.84	38.35	12.97	4.72	68.64	37.80	45.69	22.95	21.98	10%	67%	33%
SCRC11_004	12	13	159.08	15.83	2.64	2.02	0.75	2.99	0.63	0.31	11.43	3.01	2.60	0.53	0.30	1.76	20.83	30.37	18.43	5.07	224.70	65.63	189.35	35.35	36.18	6%	84%	16%
SCRC11_004	13	14	159.08	15.83	2.64	2.02	0.75	2.99	0.63	0.31	11.43	3.01	2.60	0.53	0.30	1.76	20.83	30.37	18.43	5.07	224.70	65.63	189.35	35.35	36.18	6%	84%	16%
SCRC11_004	14	15	159.08	15.83	2.64	2.02	0.75	2.99	0.63	0.31	11.43	3.01	2.60	0.53	0.30	1.76	20.83	30.37	18.43	5.07	224.70	65.63	189.35	35.35	36.18	6%	84%	16%
SCRC11_004	15	16	159.08	15.83	2.64	2.02	0.75	2.99	0.63	0.31	11.43	3.01	2.60	0.53	0.30	1.76	20.83	30.37	18.43	5.07	224.70	65.63	189.35	35.35	36.18	6%	84%	16%
SCRC11_004	16	17	970.44	133.11	38.68	21.33	10.19	48.99	7.42	2.50	177.29	45.31	44.41	7.70	2.88	16.97	238.11	28.68	16.61	12.26	1765.32	794.88	1326.15	439.17	471.97	13%	75%	25%
SCRC11_004	17	18	970.44	133.11	38.68	21.33	10.19	48.99	7.42	2.50	177.29	45.31	44.41	7.70	2.88	16.97	238.11	28.68	16.61	12.26	1765.32	794.88	1326.15	439.17	471.97	13%	75%	25%
SCRC11_004	18	19	970.44	133.11	38.68	21.33	10.19	48.99	7.42	2.50	177.29	45.31	44.41	7.70	2.88	16.97	238.11	28.68	16.61	12.26	1765.32	794.88	1326.15	439.17	471.97	13%	75%	25%
SCRC11_004	19	20	970.44	133.11	38.68	21.33	10.19	48.99	7.42	2.50	177.29	45.31	44.41	7.70	2.88	16.97	238.11	28.68	16.61	12.26	1765.32	794.88	1326.15	439.17	471.97	13%	75%	25%
SCRC11_004	20	21	970.44	133.11	38.68	21.33	10.19	48.99	7.42	2.50	177.29	45.31	44.41	7.70	2.88	16.97	238.11	28.68	16.61	12.26	1765.32	794.88	1326.15	439.17	471.97	13%	75%	25%
SCRC11_004	21	22	292.36	45.62	15.90	9.96	4.39	16.83	3.78	1.15	51.44	12.38	12.18	2.93	1.38	7.22	116.45	12.88	3.98	6.72	593.96	301.60	401.80	192.16	191.10	11%	68%	32%
SCRC11_004	22	23	39.19	27.80	3.94	2.46	2.03	4.48	0.92	0.38	20.18	5.96	3.82	0.73	0.35	1.96	32.76	3.99	2.39	5.66	146.93	107.75	93.12	53.82	59.63	18%	63%	37%
SCRC11_004	23	24	22.30	19.12	3.08	1.93	1.79	3.55	0.72	0.32	15.16	4.39	2.96	0.55	0.29	1.49	27.43	3.53	1.59	5.31	105.07	82.78	60.96	44.11	48.02	19%	58%	42%
SCRC11_004	24	25	51.59	30.38	8.42	5.34	2.92	8.98	2.02	0.71	34.18	8.52	7.46	1.53	0.77	4.22	75.43	3.53	2.39	5.31	242.45	190.86	124.66	117.79	122.48	18%	51%	49%
SCRC11_004	25	26	14.80	11.49	2.42	1.54	1.02	2.62	0.57	0.20	11.20	3.04	2.28	0.44	0.23	1.23	22.22	1.53	1.14	3.89	75.32	60.51	40.54	34.78	37.30	19%	54%	46%
SCRC11_004	26	27	143.11	161.85	9.84	6.58	4.32	15.16	2.04	0.81	129.47	34.80	20.52	2.20	0.85	4.70	69.34	8.74	11.49	5.54	605.56	462.45	469.22	136.34	215.16	27%	77%	23%
SCRC11_004	27	28	143.11	161.85	9.84	6.58	4.32	15.16	2.04	0.81	129.47	34.80	20.52	2.20	0.85	4.70	69.34	8.74	11.49	5.54	605.56	462.45	469.22	136.34	215.16	27%	77%	23%
SCRC11_004	28	29	143.11	161.85	9.84	6.58	4.32	15.16	2.04	0.81	129.47	34.80	20.52	2.20	0.85	4.70	69.34	8.74	11.49	5.54	605.56	462.45	469.22	136.34	215.16	27%	77%	23%
SCRC11_004	29	30	143.11	161.85	9.84	6.58	4.32	15.16	2.04	0.81	129.47	34.80	20.52	2.20	0.85	4.70	69.34	8.74	11.49	5.54	605.56	462.45	469.22	136.34	215.16	27%	77%	23%
SCRC11_004	30	31	195.93	453.87	16.18	9.85	8.36	31.81	2.99	1.09	306.76	101.85	45.69	3.96	1.19	6.70	93.59	4.91	6.03	6.96	1279.83	1083.90	1058.42	221.41	428.86	32%	83%	17%
SCRC11_004	31	32	195.93	453.87	16.18	9.85	8.36	31.81	2.99	1.09	306.76	101.85	45.69	3.96	1.19	6.70	93.59	4.91	6.03	6.96	1279.83	1083.90	1058.42	221.41	428.86	32%	83%	17%
SCRC11_004	32	33	195.93	453.87	16.18	9.85	8.36	31.81	2.99	1.09	306.76	101.85	45.69	3.96	1.19	6.70	93.59	4.91	6.03	6.96	1279.83	1083.90	1058.42	221.41	428.86	32%	83%	17%
SCRC11_004	33	34	114.98	463.26	26.97	14.81	11.10	42.07	5.50	1.65	366.25	103.54	48.01	5.63	2.03	11.27	172.07	5.37	7.74	5.54	1389.15	1274.17	1048.03	341.12	582.03	34%	75%	25%
SCRC11_004	34	35	8.49	16.30	7.83	4.85	2.59	6.59	1.81	0.73	12.83	3.70	3.80	1.35	0.77	4.50	55.88	0.92	0.80	3.77	132.01	123.52	41.32	90.69	80.48	13%	31%	69%
SCRC11_004	35	36	7.94	17.36	9.11	5.85	2.10	7.31	2.11	0.83	14.46	4.07	4.24	1.55	0.95	5.73	60.57	0.92	0.68	5.42	144.18	136.25	43.83	100.36	87.80	13%	30%	70%
SCRC11_004	36	37	13.27	35.18	5.76	3.50	1.86	5.75	1.27	0.49	27.18	8.11	4.92	1.04	0.55	3.29	38.22	0.77	0.80	4.01	150.39	137.12	83.73	66.65	74.06	23%	56%	44%
SCRC11_005	0	1	68.67	35.89	3.89	2.16	1.42	4.66	0.79	0.30	30.44	9.05	5.58	0.78	0.33	2.02	21.84	8.13	3.98	8.26	187.81	119.14	144.05	43.76	58.38	21%	77%	23%
SCRC11_005	1	2	245.68	35.89	8.57	4.09	3.15	9.07	1.58	0.57	45.84	11.56	12.29	1.75	0.67	4.38	24.00	13.04	8.19	15.80	409.11	163.43	338.97	70.14	83.32	14%	83%	17%
SCRC11_005	2	3	101.71	18.18	5.66	3.16	1.89	5.88	1.17	0.48	27.29	6.73	7.14	1.11	0.53	3.37	24.26	12.42	10.70	14.98	208.54	106.83	153.91	54.63	60.20	16%	74%	26%
SCRC11_005	3	4	154.78	31.08	7.13	3.88	2.65	7.71	1.41	0.58	44.91	11.04	11.00	1.42	0.63	4.14	41.14	13.19	11.61	8.61	323.51	168.73	241.81	81.70	97.25	17%	75%	25%
SCRC11_005	4	5	355.01	170.06	14.75	6.86	7.62	24.20	2.60	0.82	215.20	57.75	36.99	3.36	0.95	5.74	82.42	13.80	12.97	8.02	984.33	629.32	798.02	186.31	323.35	28%	81%	19%
SCRC11_005	5	6	102.45	47.15	8.55	4.54	3.23	10.59	1.68	0.68	67.53	17.22	13.97	1.75	0.74	4.86	39.37	12.58	8.19	7.08	324.32	221.87	234.35	89.98	120.43	26%	72%	28%
SCRC11_005	6	7	179.96	53.83	8.56	4.23	3.43	10.60	1.59	0.64	69.75	17.76	14.38	1.79	0.67	4.46	33.14	36.81	5.23	8.49	404.81	224.84	321.30	83.50	116.67	22%	79%	21%
SCRC11_005	7	8	53.68	32.02	4.73	2.70	1.48	5.00	0.97	0.42	28.34	7.97	5.74	0.89	0.45	2.99	24.26	47.70	2.39	6.01	171.65	117.97	122.02	49.64	59.70	21%	71%	29%
SCRC11_005	8	9	265.33	54.77	17.50	8.32	5.53	18.50	3.26	1.10	93.78	23.32	21.22	3.51	1.34	8.34	55.62	36.04	0.91	12.62	581.45	316.11	437.20	144.25	175.94	20%	75%	25%
SCRC11_005	9	10	165.83	28.73	34.66	17.21	9.26	31.93	6.72	2.31	86.31	15.89	30.96	6.75	2.83	17.65	116.07	8.74	6.60	9.67	573.13	407.29	296.77	276.36	253.06	18%	52%	48%
SCRC11_005	10	11	140.04	40.70	21.12	11.55	5.18	19.77	4.43	1.55	52.25	11.32	16.87	4.00	1.86	11.25	107.69	6.60	5.46	7.19	449.57	309.53	244.31	205.26	190.23	14%	54%	46%
SCRC11_005	11	12	60.93	21.81	9.71	5.91	2.39	9.61	2.20	0.81	27.18	6.03	7.77	1.79	0.91	5.61	63.24	8.59	5.46	5.90	225.90	164.97	115.95	109.95	104.30	15%	51%	49%
SCRC11_005	12	13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	304.55	304.55	0.00	0.00	0.00	0%	0%	0%
SCRC11_005	13	14	40.54	15.72	22.78	16.70	5.30	22.19	5.48	1.99	38.37	6.51	14.78	4.46	2.27	12.13	173.98	69.48	0.91	0.47	383.19	342.65	101.14	282.05	244.89	12%	26%	74%
SCRC11_005	14	15	40.54	15.72	22.78	16.70	5.30	22.19	5.48	1.99	38.37	6.51	14.78	4.46	2.27	12.13	173.98	69.48	0.91	0.47	383.19	342.65	101.14	282.05	244.			

Hole Id	From (m)	To (m)	CeO ₂ (ppm)	La ₂ O ₃ (ppm)	Dy ₂ O ₃ (ppm)	Er ₂ O ₃ (ppm)	Eu ₂ O ₃ (ppm)	Gd ₂ O ₃ (ppm)	Ho ₂ O ₃ (ppm)	Lu ₂ O ₃ (ppm)	Nd ₂ O ₃ (ppm)	Pr ₂ O ₃ (ppm)	Sm ₂ O ₃ (ppm)	Tb ₂ O ₃ (ppm)	Tm ₂ O ₃ (ppm)	Yb ₂ O ₃ (ppm)	Y ₂ O ₃ (ppm)	Sc ₂ O ₃ (ppm)	ThO ₂ (ppm)	U ₃ O ₈ (ppm)	TREO (ppm)	TREO-CeO ₂ (ppm)	LREO (ppm)	HREO (ppm)	CREO (ppm)	NdPr (%)	%LREO	%HREO	
			1	1	0.5	1	0.5	1	1	0.5	0.5	1	0.5	0.5	1	1	1	1	1	1									
SCRC11_005	17	18	33.90	18.65	5.80	3.99	1.64	6.75	1.32	0.43	21.70	5.50	5.13	1.09	0.51	2.85	42.67	17.33	2.16	2.24	151.93	118.02	79.74	72.18	72.90	18%	52%	48%	
SCRC11_005	18	19	33.90	18.65	5.80	3.99	1.64	6.75	1.32	0.43	21.70	5.50	5.13	1.09	0.51	2.85	42.67	17.33	2.16	2.24	151.93	118.02	79.74	72.18	72.90	18%	52%	48%	
SCRC11_005	19	20	33.90	18.65	5.80	3.99	1.64	6.75	1.32	0.43	21.70	5.50	5.13	1.09	0.51	2.85	42.67	17.33	2.16	2.24	151.93	118.02	79.74	72.18	72.90	18%	52%	48%	
SCRC11_005	20	21	33.90	18.65	5.80	3.99	1.64	6.75	1.32	0.43	21.70	5.50	5.13	1.09	0.51	2.85	42.67	17.33	2.16	2.24	151.93	118.02	79.74	72.18	72.90	18%	52%	48%	
SCRC11_005	21	22	35.75	22.52	4.51	3.18	1.33	5.24	1.02	0.36	23.91	6.71	4.59	0.84	0.42	2.52	31.24	3.53	1.82	2.59	144.14	108.39	88.88	55.25	61.83	21%	62%	38%	
SCRC11_005	22	23	35.75	22.52	4.51	3.18	1.33	5.24	1.02	0.36	23.91	6.71	4.59	0.84	0.42	2.52	31.24	3.53	1.82	2.59	144.14	108.39	88.88	55.25	61.83	21%	62%	38%	
SCRC11_005	23	24	35.75	22.52	4.51	3.18	1.33	5.24	1.02	0.36	23.91	6.71	4.59	0.84	0.42	2.52	31.24	3.53	1.82	2.59	144.14	108.39	88.88	55.25	61.83	21%	62%	38%	
SCRC11_005	24	25	35.75	22.52	4.51	3.18	1.33	5.24	1.02	0.36	23.91	6.71	4.59	0.84	0.42	2.52	31.24	3.53	1.82	2.59	144.14	108.39	88.88	55.25	61.83	21%	62%	38%	
SCRC11_005	25	26	39.19	20.76	5.31	3.68	1.40	5.64	1.18	0.42	22.51	6.07	4.64	0.94	0.50	2.86	36.45	5.83	3.30	4.01	151.54	112.36	88.52	63.02	66.61	19%	58%	42%	
SCRC11_005	26	27	39.19	20.76	5.31	3.68	1.40	5.64	1.18	0.42	22.51	6.07	4.64	0.94	0.50	2.86	36.45	5.83	3.30	4.01	151.54	112.36	88.52	63.02	66.61	19%	58%	42%	
SCRC11_005	27	28	39.19	20.76	5.31	3.68	1.40	5.64	1.18	0.42	22.51	6.07	4.64	0.94	0.50	2.86	36.45	5.83	3.30	4.01	151.54	112.36	88.52	63.02	66.61	19%	58%	42%	
SCRC11_005	28	29	39.19	20.76	5.31	3.68	1.40	5.64	1.18	0.42	22.51	6.07	4.64	0.94	0.50	2.86	36.45	5.83	3.30	4.01	151.54	112.36	88.52	63.02	66.61	19%	58%	42%	
SCRC11_005	29	30	39.19	20.76	5.31	3.68	1.40	5.64	1.18	0.42	22.51	6.07	4.64	0.94	0.50	2.86	36.45	5.83	3.30	4.01	151.54	112.36	88.52	63.02	66.61	19%	58%	42%	
SCRC11_005	30	31	39.19	20.76	5.31	3.68	1.40	5.64	1.18	0.42	22.51	6.07	4.64	0.94	0.50	2.86	36.45	5.83	3.30	4.01	151.54	112.36	88.52	63.02	66.61	19%	58%	42%	
SCRC11_006	0	1	303.41	469.12	57.27	12.69	49.33	150.99	4.90	0.44	1405.51	294.80	262.07	16.88	0.67	3.81	60.70	14.42	6.14	3.54	3092.61	2789.20	2472.85	619.76	1589.69	55%	80%	20%	
SCRC11_006	1	2	303.41	469.12	57.27	12.69	49.33	150.99	4.90	0.44	1405.51	294.80	262.07	16.88	0.67	3.81	60.70	14.42	6.14	3.54	3092.61	2789.20	2472.85	619.76	1589.69	55%	80%	20%	
SCRC11_006	2	3	303.41	469.12	57.27	12.69	49.33	150.99	4.90	0.44	1405.51	294.80	262.07	16.88	0.67	3.81	60.70	14.42	6.14	3.54	3092.61	2789.20	2472.85	619.76	1589.69	55%	80%	20%	
SCRC11_006	3	4	303.41	469.12	57.27	12.69	49.33	150.99	4.90	0.44	1405.51	294.80	262.07	16.88	0.67	3.81	60.70	14.42	6.14	3.54	3092.61	2789.20	2472.85	619.76	1589.69	55%	80%	20%	
SCRC11_006	4	5	186.72	155.40	3.39	1.41	3.13	10.97	0.38	0.10	129.47	39.02	20.12	1.04	0.13	0.73	9.52	9.36	4.32	2.71	561.51	374.80	510.61	50.90	146.54	30%	91%	9%	
SCRC11_006	5	6	186.72	155.40	3.39	1.41	3.13	10.97	0.38	0.10	129.47	39.02	20.12	1.04	0.13	0.73	9.52	9.36	4.32	2.71	561.51	374.80	510.61	50.90	146.54	30%	91%	9%	
SCRC11_006	6	7	186.72	155.40	3.39	1.41	3.13	10.97	0.38	0.10	129.47	39.02	20.12	1.04	0.13	0.73	9.52	9.36	4.32	2.71	561.51	374.80	510.61	50.90	146.54	30%	91%	9%	
SCRC11_006	7	8	186.72	155.40	3.39	1.41	3.13	10.97	0.38	0.10	129.47	39.02	20.12	1.04	0.13	0.73	9.52	9.36	4.32	2.71	561.51	374.80	510.61	50.90	146.54	30%	91%	9%	
SCRC11_006	8	9	411.51	351.84	10.34	3.30	10.10	35.15	0.96	0.15	410.57	115.75	64.01	3.28	0.21	1.14	20.70	12.27	6.03	3.18	1439.01	1027.50	1289.67	149.34	454.99	37%	90%	10%	
SCRC11_006	9	10	411.51	351.84	10.34	3.30	10.10	35.15	0.96	0.15	410.57	115.75	64.01	3.28	0.21	1.14	20.70	12.27	6.03	3.18	1439.01	1027.50	1289.67	149.34	454.99	37%	90%	10%	
SCRC11_006	10	11	411.51	351.84	10.34	3.30	10.10	35.15	0.96	0.15	410.57	115.75	64.01	3.28	0.21	1.14	20.70	12.27	6.03	3.18	1439.01	1027.50	1289.67	149.34	454.99	37%	90%	10%	
SCRC11_006	11	12	411.51	351.84	10.34	3.30	10.10	35.15	0.96	0.15	410.57	115.75	64.01	3.28	0.21	1.14	20.70	12.27	6.03	3.18	1439.01	1027.50	1289.67	149.34	454.99	37%	90%	10%	
SCRC11_006	12	13	64.61	38.12	4.49	2.36	2.44	7.30	0.76	0.31	60.19	16.55	10.98	1.01	0.32	2.08	16.64	105.22	2.84	6.84	228.15	163.53	179.47	48.68	84.76	34%	79%	21%	
SCRC11_006	13	14	64.61	38.12	4.49	2.36	2.44	7.30	0.76	0.31	60.19	16.55	10.98	1.01	0.32	2.08	16.64	105.22	2.84	6.84	228.15	163.53	179.47	48.68	84.76	34%	79%	21%	
SCRC11_006	14	15	64.61	38.12	4.49	2.36	2.44	7.30	0.76	0.31	60.19	16.55	10.98	1.01	0.32	2.08	16.64	105.22	2.84	6.84	228.15	163.53	179.47	48.68	84.76	34%	79%	21%	
SCRC11_006	15	16	44.96	20.76	5.42	3.17	2.07	6.51	1.01	0.42	44.67	10.98	9.21	1.11	0.46	2.95	21.59	92.03	1.48	7.90	175.28	130.32	121.37	53.91	74.86	32%	69%	31%	
SCRC11_006	16	17	44.96	20.76	5.42	3.17	2.07	6.51	1.01	0.42	44.67	10.98	9.21	1.11	0.46	2.95	21.59	92.03	1.48	7.90	175.28	130.32	121.37	53.91	74.86	32%	69%	31%	
SCRC11_006	17	18	44.96	20.76	5.42	3.17	2.07	6.51	1.01	0.42	44.67	10.98	9.21	1.11	0.46	2.95	21.59	92.03	1.48	7.90	175.28	130.32	121.37	53.91	74.86	32%	69%	31%	
SCRC11_006	18	19	78.86	114.35	17.04	9.80	6.11	22.59	3.14	1.15	165.63	41.56	29.69	3.46	1.34	8.16	58.92	18.56	4.10	10.97	561.80	482.94	400.40	161.40	251.17	37%	71%	29%	
SCRC11_006	19	20	78.86	114.35	17.04	9.80	6.11	22.59	3.14	1.15	165.63	41.56	29.69	3.46	1.34	8.16	58.92	18.56	4.10	10.97	561.80	482.94	400.40	161.40	251.17	37%	71%	29%	
SCRC11_006	20	21	54.05	107.08	12.85	7.23	5.31	18.67	2.38	0.86	117.22	27.18	20.93	2.71	0.97	5.88	61.34	54.14	4.89	4.60	444.67	390.62	305.53	139.13	199.43	32%	69%	31%	
SCRC11_006	21	22	54.05	107.08	12.85	7.23	5.31	18.67	2.38	0.86	117.22	27.18	20.93	2.71	0.97	5.88	61.34	54.14	4.89	4.60	444.67	390.62	305.53	139.13	199.43	32%	69%	31%	
SCRC11_006	22	23	54.05	107.08	12.85	7.23	5.31	18.67	2.38	0.86	117.22	27.18	20.93	2.71	0.97	5.88	61.34	54.14	4.89	4.60	444.67	390.62	305.53	139.13	199.43	32%	69%	31%	
SCRC11_006	23	24	51.35	24.86	10.35	7.02	2.76	10.67	2.28	0.85	37.91	8.74	9.44	1.91	0.97	5.66	60.45	82.21	1.93	2.59	235.21	183.86	122.85	112.36	113.37	20%	52%	48%	
SCRC11_006	24	25	51.35	24.86	10.35	7.02	2.76	10.67	2.28	0.85	37.91	8.74	9.44	1.91	0.97	5.66	60.45	82.21	1.93	2.59	235.21	183.86	122.85	112.36	113.37	20%	52%	48%	
SCRC11_006	25	26	55.28	33.07	13.20	8.12	4.39	15.79	2.71	0.91	60.42	13.71	14.32	2.61	1.06	6.02	71.88	54.76	1.02	2.83	303.50	248.22	162.48	141.02	152.49	24%	54%	46%	
SCRC11_006	26	27	33.29	31.43	14.40	9.85	4.37	17.29	3.32	1.03	54.00	11.72	12.47	2.74	1.23	6.60	139.05	70.09	1.14	1.18	342.80	309.51	130.44	212.36	214.57	19%	38%	62%	
SCRC11_006	27	28	33.29	31.43	14.40	9.85	4.37	17.29																					

Hole Id	From (m)	To (m)	CeO ₂ (ppm)	La ₂ O ₃ (ppm)	Dy ₂ O ₃ (ppm)	Er ₂ O ₃ (ppm)	Eu ₂ O ₃ (ppm)	Gd ₂ O ₃ (ppm)	Ho ₂ O ₃ (ppm)	Lu ₂ O ₃ (ppm)	Nd ₂ O ₃ (ppm)	Pr ₂ O ₃ (ppm)	Sm ₂ O ₃ (ppm)	Tb ₂ O ₃ (ppm)	Tm ₂ O ₃ (ppm)	Yb ₂ O ₃ (ppm)	Y ₂ O ₃ (ppm)	Sc ₂ O ₃ (ppm)	ThO ₂ (ppm)	U ₃ O ₈ (ppm)	TREO (ppm)	TREO-CeO ₂ (ppm)	LREO (ppm)	HREO (ppm)	CREO (ppm)	NdPr (%)	%LREO	%HREO	
			1	1	0.5	1	0.5	1	1	0.5	0.5	1	0.5	0.5	1	1	1	1	1	1									
SCRC11_006	30	31	33.29	31.43	14.40	9.85	4.37	17.29	3.32	1.03	54.00	11.72	12.47	2.74	1.23	6.60	139.05	70.09	1.14	1.18	342.80	309.51	130.44	212.36	214.57	19%	38%	62%	
SCRC11_007	0	1	27.02	15.13	2.36	1.41	0.80	2.97	0.46	0.18	16.68	4.60	3.33	0.48	0.19	1.20	12.57	42.95	7.05	4.36	89.39	62.37	63.44	25.96	32.90	24%	71%	29%	
SCRC11_007	1	2	27.02	15.13	2.36	1.41	0.80	2.97	0.46	0.18	16.68	4.60	3.33	0.48	0.19	1.20	12.57	42.95	7.05	4.36	89.39	62.37	63.44	25.96	32.90	24%	71%	29%	
SCRC11_007	2	3	27.02	15.13	2.36	1.41	0.80	2.97	0.46	0.18	16.68	4.60	3.33	0.48	0.19	1.20	12.57	42.95	7.05	4.36	89.39	62.37	63.44	25.96	32.90	24%	71%	29%	
SCRC11_007	3	4	27.02	15.13	2.36	1.41	0.80	2.97	0.46	0.18	16.68	4.60	3.33	0.48	0.19	1.20	12.57	42.95	7.05	4.36	89.39	62.37	63.44	25.96	32.90	24%	71%	29%	
SCRC11_007	4	5	23.77	10.56	2.75	2.32	0.58	2.10	0.66	0.42	8.75	2.53	1.97	0.45	0.39	2.61	16.64	37.12	19.34	3.30	76.49	52.72	45.60	30.89	29.16	15%	60%	40%	
SCRC11_007	5	6	23.77	10.56	2.75	2.32	0.58	2.10	0.66	0.42	8.75	2.53	1.97	0.45	0.39	2.61	16.64	37.12	19.34	3.30	76.49	52.72	45.60	30.89	29.16	15%	60%	40%	
SCRC11_007	6	7	23.77	10.56	2.75	2.32	0.58	2.10	0.66	0.42	8.75	2.53	1.97	0.45	0.39	2.61	16.64	37.12	19.34	3.30	76.49	52.72	45.60	30.89	29.16	15%	60%	40%	
SCRC11_007	7	8	23.77	10.56	2.75	2.32	0.58	2.10	0.66	0.42	8.75	2.53	1.97	0.45	0.39	2.61	16.64	37.12	19.34	3.30	76.49	52.72	45.60	30.89	29.16	15%	60%	40%	
SCRC11_007	8	9	71.00	27.44	5.37	3.99	1.44	6.03	1.17	0.66	31.38	8.75	6.59	1.00	0.63	4.26	28.57	52.76	27.42	3.77	198.27	127.27	138.57	59.70	67.76	20%	70%	30%	
SCRC11_007	9	10	71.00	27.44	5.37	3.99	1.44	6.03	1.17	0.66	31.38	8.75	6.59	1.00	0.63	4.26	28.57	52.76	27.42	3.77	198.27	127.27	138.57	59.70	67.76	20%	70%	30%	
SCRC11_007	10	11	71.00	27.44	5.37	3.99	1.44	6.03	1.17	0.66	31.38	8.75	6.59	1.00	0.63	4.26	28.57	52.76	27.42	3.77	198.27	127.27	138.57	59.70	67.76	20%	70%	30%	
SCRC11_007	11	12	71.00	27.44	5.37	3.99	1.44	6.03	1.17	0.66	31.38	8.75	6.59	1.00	0.63	4.26	28.57	52.76	27.42	3.77	198.27	127.27	138.57	59.70	67.76	20%	70%	30%	
SCRC11_007	12	13	155.39	22.40	2.92	1.73	1.07	3.79	0.55	0.28	23.33	6.87	4.67	0.60	0.26	1.82	11.94	48.62	22.53	3.66	237.62	82.23	208.00	29.63	39.85	13%	88%	12%	
SCRC11_007	13	14	155.39	22.40	2.92	1.73	1.07	3.79	0.55	0.28	23.33	6.87	4.67	0.60	0.26	1.82	11.94	48.62	22.53	3.66	237.62	82.23	208.00	29.63	39.85	13%	88%	12%	
SCRC11_007	14	15	155.39	22.40	2.92	1.73	1.07	3.79	0.55	0.28	23.33	6.87	4.67	0.60	0.26	1.82	11.94	48.62	22.53	3.66	237.62	82.23	208.00	29.63	39.85	13%	88%	12%	
SCRC11_007	15	16	155.39	22.40	2.92	1.73	1.07	3.79	0.55	0.28	23.33	6.87	4.67	0.60	0.26	1.82	11.94	48.62	22.53	3.66	237.62	82.23	208.00	29.63	39.85	13%	88%	12%	
SCRC11_007	16	17	94.34	58.87	2.01	1.15	0.80	3.27	0.37	0.15	26.24	10.20	3.88	0.45	0.16	0.99	9.02	35.58	3.07	2.00	211.91	117.56	189.66	22.25	38.51	17%	90%	10%	
SCRC11_007	17	18	94.34	58.87	2.01	1.15	0.80	3.27	0.37	0.15	26.24	10.20	3.88	0.45	0.16	0.99	9.02	35.58	3.07	2.00	211.91	117.56	189.66	22.25	38.51	17%	90%	10%	
SCRC11_007	18	19	94.34	58.87	2.01	1.15	0.80	3.27	0.37	0.15	26.24	10.20	3.88	0.45	0.16	0.99	9.02	35.58	3.07	2.00	211.91	117.56	189.66	22.25	38.51	17%	90%	10%	
SCRC11_007	19	20	94.34	58.87	2.01	1.15	0.80	3.27	0.37	0.15	26.24	10.20	3.88	0.45	0.16	0.99	9.02	35.58	3.07	2.00	211.91	117.56	189.66	22.25	38.51	17%	90%	10%	
SCRC11_007	20	21	244.45	114.35	3.76	2.23	1.48	7.09	0.70	0.28	60.54	21.08	7.89	0.86	0.30	1.82	17.02	39.57	1.02	6.60	483.85	239.39	440.42	43.43	83.66	17%	91%	9%	
SCRC11_007	21	22	244.45	114.35	3.76	2.23	1.48	7.09	0.70	0.28	60.54	21.08	7.89	0.86	0.30	1.82	17.02	39.57	1.02	6.60	483.85	239.39	440.42	43.43	83.66	17%	91%	9%	
SCRC11_007	22	23	244.45	114.35	3.76	2.23	1.48	7.09	0.70	0.28	60.54	21.08	7.89	0.86	0.30	1.82	17.02	39.57	1.02	6.60	483.85	239.39	440.42	43.43	83.66	17%	91%	9%	
SCRC11_007	23	24	244.45	114.35	3.76	2.23	1.48	7.09	0.70	0.28	60.54	21.08	7.89	0.86	0.30	1.82	17.02	39.57	1.02	6.60	483.85	239.39	440.42	43.43	83.66	17%	91%	9%	
SCRC11_007	24	25	242.61	260.36	7.20	3.99	3.57	16.42	1.17	0.41	164.46	58.24	22.15	1.78	0.45	2.66	32.89	20.86	0.57	4.60	818.35	575.74	725.67	92.68	209.89	27%	89%	11%	
SCRC11_007	25	26	242.61	260.36	7.20	3.99	3.57	16.42	1.17	0.41	164.46	58.24	22.15	1.78	0.45	2.66	32.89	20.86	0.57	4.60	818.35	575.74	725.67	92.68	209.89	27%	89%	11%	
SCRC11_007	26	27	242.61	260.36	7.20	3.99	3.57	16.42	1.17	0.41	164.46	58.24	22.15	1.78	0.45	2.66	32.89	20.86	0.57	4.60	818.35	575.74	725.67	92.68	209.89	27%	89%	11%	
SCRC11_007	27	28	242.61	260.36	7.20	3.99	3.57	16.42	1.17	0.41	164.46	58.24	22.15	1.78	0.45	2.66	32.89	20.86	0.57	4.60	818.35	575.74	725.67	92.68	209.89	27%	89%	11%	
SCRC11_007	28	29	133.90	98.05	3.71	2.09	1.82	7.86	0.65	0.23	78.85	23.68	10.27	0.88	0.25	1.46	18.41	23.62	2.96	4.13	382.11	248.21	334.47	47.64	103.67	27%	88%	12%	
SCRC11_007	29	30	133.90	98.05	3.71	2.09	1.82	7.86	0.65	0.23	78.85	23.68	10.27	0.88	0.25	1.46	18.41	23.62	2.96	4.13	382.11	248.21	334.47	47.64	103.67	27%	88%	12%	
SCRC11_007	30	31	133.90	98.05	3.71	2.09	1.82	7.86	0.65	0.23	78.85	23.68	10.27	0.88	0.25	1.46	18.41	23.62	2.96	4.13	382.11	248.21	334.47	47.64	103.67	27%	88%	12%	
SCRC11_007	31	32	133.90	98.05	3.71	2.09	1.82	7.86	0.65	0.23	78.85	23.68	10.27	0.88	0.25	1.46	18.41	23.62	2.96	4.13	382.11	248.21	334.47	47.64	103.67	27%	88%	12%	
SCRC11_007	32	33	141.27	73.42	2.30	1.38	1.13	4.84	0.40	0.15	55.87	16.55	6.75	0.53	0.17	0.99	15.75	30.52	5.69	3.54	321.50	180.23	287.11	34.39	75.58	23%	89%	11%	
SCRC11_007	33	34	141.27	73.42	2.30	1.38	1.13	4.84	0.40	0.15	55.87	16.55	6.75	0.53	0.17	0.99	15.75	30.52	5.69	3.54	321.50	180.23	287.11	34.39	75.58	23%	89%	11%	
SCRC11_007	34	35	141.27	73.42	2.30	1.38	1.13	4.84	0.40	0.15	55.87	16.55	6.75	0.53	0.17	0.99	15.75	30.52	5.69	3.54	321.50	180.23	287.11	34.39	75.58	23%	89%	11%	
SCRC11_007	35	36	141.27	73.42	2.30	1.38	1.13	4.84	0.40	0.15	55.87	16.55	6.75	0.53	0.17	0.99	15.75	30.52	5.69	3.54	321.50	180.23	287.11	34.39	75.58	23%	89%	11%	
SCRC11_007	36	37	55.65	58.17	3.29	1.34	2.49	8.31	0.44	0.11	80.36	18.49	13.74	0.92	0.14	0.81	12.57	17.03	3.19	3.54	256.82	201.18	212.67	44.16	99.64	38%	83%	17%	
SCRC11_007	37	38	55.65	58.17	3.29	1.34	2.49	8.31	0.44	0.11	80.36	18.49	13.74	0.92	0.14	0.81	12.57	17.03	3.19	3.54	256.82	201.18	212.67	44.16	99.64	38%	83%	17%	
SCRC11_007	38	39	55.65	58.17	3.29	1.34	2.49	8.31	0.44	0.11	80.36	18.49	13.74	0.92	0.14	0.81	12.57	17.03	3.19	3.54	256.82	201.18	212.67	44.16	99.64	38%	83%	17%	
SCRC11_007	39	40	55.65	58.17	3.29	1.34	2.49	8.31	0.44	0.11	80.36	18.49	13.74	0.92	0.14	0.81	12.57	17.03	3.19	3.54	256.82	201.18	212.67	44.16	99.64	38%	83%	17%	
SCRC11_007	40	41	39.55	52.54	2.44	1.18	1.62	5.75	0.36	0.10	65.44	15.83	9.23	0.64	0.13	0.69	13.84	10.89	2.50	2.48	209.34	169.78	173.3						

Hole Id	From (m)	To (m)	CeO ₂ (ppm)	La ₂ O ₃ (ppm)	Dy ₂ O ₃ (ppm)	Er ₂ O ₃ (ppm)	Eu ₂ O ₃ (ppm)	Gd ₂ O ₃ (ppm)	Ho ₂ O ₃ (ppm)	Lu ₂ O ₃ (ppm)	Nd ₂ O ₃ (ppm)	Pr ₂ O ₃ (ppm)	Sm ₂ O ₃ (ppm)	Tb ₂ O ₃ (ppm)	Tm ₂ O ₃ (ppm)	Yb ₂ O ₃ (ppm)	Y ₂ O ₃ (ppm)	Sc ₂ O ₃ (ppm)	ThO ₂ (ppm)	U ₃ O ₈ (ppm)	TREO (ppm)	TREO-CeO ₂ (ppm)	LREO (ppm)	HREO (ppm)	CREO (ppm)	NdPr (%)	%LREO	%HREO	
			1	1	0.5	1	0.5	1	1	0.5	0.5	1	0.5	0.5	1	1	1	1	1	1									
SCRC11_007	43	44	39.55	52.54	2.44	1.18	1.62	5.75	0.36	0.10	65.44	15.83	9.23	0.64	0.13	0.69	13.84	10.89	2.50	2.48	209.34	169.78	173.36	35.98	83.98	39%	83%	17%	
SCRC11_007	44	45	54.30	33.42	4.87	2.96	1.88	6.37	0.94	0.38	41.41	10.92	7.70	0.99	0.41	2.51	23.24	27.61	5.35	7.90	192.28	137.99	140.05	52.24	72.38	27%	73%	27%	
SCRC11_007	45	46	54.30	33.42	4.87	2.96	1.88	6.37	0.94	0.38	41.41	10.92	7.70	0.99	0.41	2.51	23.24	27.61	5.35	7.90	192.28	137.99	140.05	52.24	72.38	27%	73%	27%	
SCRC11_007	46	47	54.30	33.42	4.87	2.96	1.88	6.37	0.94	0.38	41.41	10.92	7.70	0.99	0.41	2.51	23.24	27.61	5.35	7.90	192.28	137.99	140.05	52.24	72.38	27%	73%	27%	
SCRC11_007	47	48	54.30	33.42	4.87	2.96	1.88	6.37	0.94	0.38	41.41	10.92	7.70	0.99	0.41	2.51	23.24	27.61	5.35	7.90	192.28	137.99	140.05	52.24	72.38	27%	73%	27%	
SCRC11_007	48	49	55.52	133.11	11.45	4.99	7.07	22.82	1.74	0.53	160.38	33.95	28.18	2.82	0.61	3.80	32.00	55.06	3.07	6.37	498.99	443.47	382.97	116.02	213.73	39%	77%	23%	
SCRC11_007	49	50	55.52	133.11	11.45	4.99	7.07	22.82	1.74	0.53	160.38	33.95	28.18	2.82	0.61	3.80	32.00	55.06	3.07	6.37	498.99	443.47	382.97	116.02	213.73	39%	77%	23%	
SCRC11_007	50	51	55.52	133.11	11.45	4.99	7.07	22.82	1.74	0.53	160.38	33.95	28.18	2.82	0.61	3.80	32.00	55.06	3.07	6.37	498.99	443.47	382.97	116.02	213.73	39%	77%	23%	
SCRC11_007	51	52	55.52	133.11	11.45	4.99	7.07	22.82	1.74	0.53	160.38	33.95	28.18	2.82	0.61	3.80	32.00	55.06	3.07	6.37	498.99	443.47	382.97	116.02	213.73	39%	77%	23%	
SCRC11_007	52	53	57.98	51.84	13.77	8.66	4.15	15.73	2.85	1.00	61.12	14.74	13.80	2.69	1.18	6.81	67.18	49.23	5.23	4.25	323.49	265.51	185.68	137.82	148.91	23%	57%	43%	
SCRC11_007	53	54	57.98	51.84	13.77	8.66	4.15	15.73	2.85	1.00	61.12	14.74	13.80	2.69	1.18	6.81	67.18	49.23	5.23	4.25	323.49	265.51	185.68	137.82	148.91	23%	57%	43%	
SCRC11_007	54	55	33.04	40.58	17.85	10.84	5.36	21.90	3.81	1.01	71.03	15.59	16.12	3.46	1.31	6.87	94.35	68.87	1.37	2.83	343.13	310.08	160.24	182.88	192.05	25%	47%	53%	
SCRC11_007	55	56	25.55	22.64	7.15	4.49	2.45	8.68	1.56	0.47	30.56	7.12	6.91	1.36	0.56	3.09	45.59	71.32	0.91	1.30	168.17	142.62	85.86	82.31	87.12	22%	51%	49%	
SCRC11_007	56	57	25.55	22.64	7.15	4.49	2.45	8.68	1.56	0.47	30.56	7.12	6.91	1.36	0.56	3.09	45.59	71.32	0.91	1.30	168.17	142.62	85.86	82.31	87.12	22%	51%	49%	
SCRC11_007	57	58	25.55	22.64	7.15	4.49	2.45	8.68	1.56	0.47	30.56	7.12	6.91	1.36	0.56	3.09	45.59	71.32	0.91	1.30	168.17	142.62	85.86	82.31	87.12	22%	51%	49%	
SCRC11_007	58	59	25.55	22.64	7.15	4.49	2.45	8.68	1.56	0.47	30.56	7.12	6.91	1.36	0.56	3.09	45.59	71.32	0.91	1.30	168.17	142.62	85.86	82.31	87.12	22%	51%	49%	
SCRC11_008	0	1	33.17	22.05	3.80	2.61	1.03	4.62	0.85	0.30	22.63	5.78	4.02	0.73	0.34	1.99	26.79	6.14	2.62	5.31	130.70	97.54	83.62	47.09	54.98	22%	64%	36%	
SCRC11_008	1	2	33.17	22.05	3.80	2.61	1.03	4.62	0.85	0.30	22.63	5.78	4.02	0.73	0.34	1.99	26.79	6.14	2.62	5.31	130.70	97.54	83.62	47.09	54.98	22%	64%	36%	
SCRC11_008	2	3	33.17	22.05	3.80	2.61	1.03	4.62	0.85	0.30	22.63	5.78	4.02	0.73	0.34	1.99	26.79	6.14	2.62	5.31	130.70	97.54	83.62	47.09	54.98	22%	64%	36%	
SCRC11_008	3	4	33.17	22.05	3.80	2.61	1.03	4.62	0.85	0.30	22.63	5.78	4.02	0.73	0.34	1.99	26.79	6.14	2.62	5.31	130.70	97.54	83.62	47.09	54.98	22%	64%	36%	
SCRC11_008	4	5	73.09	29.09	4.59	2.50	2.61	8.03	0.84	0.27	49.57	11.97	10.16	1.02	0.31	1.87	21.33	19.63	2.73	2.36	217.26	144.17	163.72	53.53	79.13	28%	75%	25%	
SCRC11_008	5	6	73.09	29.09	4.59	2.50	2.61	8.03	0.84	0.27	49.57	11.97	10.16	1.02	0.31	1.87	21.33	19.63	2.73	2.36	217.26	144.17	163.72	53.53	79.13	28%	75%	25%	
SCRC11_008	6	7	73.09	29.09	4.59	2.50	2.61	8.03	0.84	0.27	49.57	11.97	10.16	1.02	0.31	1.87	21.33	19.63	2.73	2.36	217.26	144.17	163.72	53.53	79.13	28%	75%	25%	
SCRC11_008	7	8	73.09	29.09	4.59	2.50	2.61	8.03	0.84	0.27	49.57	11.97	10.16	1.02	0.31	1.87	21.33	19.63	2.73	2.36	217.26	144.17	163.72	53.53	79.13	28%	75%	25%	
SCRC11_008	8	9	25.92	14.78	2.69	1.72	0.83	3.09	0.56	0.20	13.30	3.50	2.82	0.51	0.23	1.37	17.02	17.49	4.32	2.71	88.52	62.60	57.50	31.02	34.34	19%	65%	35%	
SCRC11_008	9	10	25.92	14.78	2.69	1.72	0.83	3.09	0.56	0.20	13.30	3.50	2.82	0.51	0.23	1.37	17.02	17.49	4.32	2.71	88.52	62.60	57.50	31.02	34.34	19%	65%	35%	
SCRC11_008	10	11	25.92	14.78	2.69	1.72	0.83	3.09	0.56	0.20	13.30	3.50	2.82	0.51	0.23	1.37	17.02	17.49	4.32	2.71	88.52	62.60	57.50	31.02	34.34	19%	65%	35%	
SCRC11_008	11	12	25.92	14.78	2.69	1.72	0.83	3.09	0.56	0.20	13.30	3.50	2.82	0.51	0.23	1.37	17.02	17.49	4.32	2.71	88.52	62.60	57.50	31.02	34.34	19%	65%	35%	
SCRC11_008	12	13	41.03	19.00	5.02	3.37	1.40	5.21	1.09	0.40	19.48	5.15	4.42	0.92	0.46	2.69	30.35	44.48	4.44	2.36	139.97	98.94	84.65	55.32	57.16	18%	60%	40%	
SCRC11_008	13	14	41.03	19.00	5.02	3.37	1.40	5.21	1.09	0.40	19.48	5.15	4.42	0.92	0.46	2.69	30.35	44.48	4.44	2.36	139.97	98.94	84.65	55.32	57.16	18%	60%	40%	
SCRC11_008	14	15	41.03	19.00	5.02	3.37	1.40	5.21	1.09	0.40	19.48	5.15	4.42	0.92	0.46	2.69	30.35	44.48	4.44	2.36	139.97	98.94	84.65	55.32	57.16	18%	60%	40%	
SCRC11_008	15	16	41.03	19.00	5.02	3.37	1.40	5.21	1.09	0.40	19.48	5.15	4.42	0.92	0.46	2.69	30.35	44.48	4.44	2.36	139.97	98.94	84.65	55.32	57.16	18%	60%	40%	
SCRC11_008	16	17	66.82	23.93	5.96	3.62	1.82	6.93	1.20	0.43	27.76	7.36	6.41	1.15	0.48	2.90	30.99	46.93	7.28	2.83	187.76	120.94	125.87	61.90	67.67	19%	67%	33%	
SCRC11_008	17	18	66.82	23.93	5.96	3.62	1.82	6.93	1.20	0.43	27.76	7.36	6.41	1.15	0.48	2.90	30.99	46.93	7.28	2.83	187.76	120.94	125.87	61.90	67.67	19%	67%	33%	
SCRC11_008	18	19	66.82	23.93	5.96	3.62	1.82	6.93	1.20	0.43	27.76	7.36	6.41	1.15	0.48	2.90	30.99	46.93	7.28	2.83	187.76	120.94	125.87	61.90	67.67	19%	67%	33%	
SCRC11_009	0	1	127.75	22.17	55.09	5.13	2.78	1.84	5.44	0.85	0.41	34.31	7.48	7.80	0.94	0.38	1.02	0.18	0.65	0.57	273.39	145.63	184.64	88.75	67.09	13%	68%	32%	
SCRC11_009	1	2	127.75	22.17	55.09	5.13	2.78	1.84	5.44	0.85	0.41	34.31	7.48	7.80	0.94	0.38	1.02	0.18	0.65	0.57	273.39	145.63	184.64	88.75	67.09	13%	68%	32%	
SCRC11_009	2	3	127.75	22.17	55.09	5.13	2.78	1.84	5.44	0.85	0.41	34.31	7.48	7.80	0.94	0.38	1.02	0.18	0.65	0.57	273.39	145.63	184.64	88.75	67.09	13%	68%	32%	
SCRC11_009	3	4	127.75	22.17	55.09	5.13	2.78	1.84	5.44	0.85	0.41	34.31	7.48	7.80	0.94	0.38	1.02	0.18	0.65	0.57	273.39	145.63	184.64	88.75	67.09	13%	68%	32%	
SCRC11_009	4	5	140.65	10.44	4.91	2.37	1.76	4.84	0.82	0.39	21.70	4.99	6.73	0.93	0.39	2.79	13.21	12.42	10.70	5.54	216.91	76.25	177.77	39.13	42.50	12%	82%	18%	
SCRC11_009	5	6	102.57	8.44	6.06	2.78	2.26	5.98	1.01	0.41	25.78	5.21	8.56	1.16	0.43	3.01	15.11	11.66	8.99	6.25	188.77	86.20	142.00	46.77	50.37	16%	75%	25%	
SCRC11_009	6	7	58.59	9.15	4.46	2.14	1.69	4.50	0.76	0.33	20.06	4.40	5.97	0.85	0.34	2.32	13.21	16.57	7.17	4.95	128.77	70.17	92.20	36.57	40.27	19%	72%	28%	

Hole Id	From (m)	To (m)	CeO ₃ (ppm)	La ₂ O ₃ (ppm)	Dy ₂ O ₃ (ppm)	Er ₂ O ₃ (ppm)	Eu ₂ O ₃ (ppm)	Gd ₂ O ₃ (ppm)	Ho ₂ O ₃ (ppm)	Lu ₂ O ₃ (ppm)	Nd ₂ O ₃ (ppm)	Pr ₂ O ₃ (ppm)	Sm ₂ O ₃ (ppm)	Tb ₂ O ₃ (ppm)	Tm ₂ O ₃ (ppm)	Yb ₂ O ₃ (ppm)	Y ₂ O ₃ (ppm)	Sc ₂ O ₃ (ppm)	ThO ₂ (ppm)	U ₃ O ₈ (ppm)	TREO (ppm)	TREO-CeO ₂ (ppm)	LREO (ppm)	HREO (ppm)	CREO (ppm)	NdPr (%)	%LREO	%HREO	
			1	1	0.5	1	0.5	1	1	0.5	0.5	1	0.5	0.5	1	1	1	1	1	1									
SCRC11_009	9	10	11.17	4.22	2.97	1.59	0.91	2.48	0.55	0.24	7.81	1.63	2.77	0.51	0.25	1.71	9.91	94.18	1.14	2.24	48.72	37.55	24.83	23.89	22.11	19%	51%	49%	
SCRC11_009	10	11	21.93	11.38	3.78	2.06	1.24	3.27	0.70	0.33	12.48	3.01	3.77	0.66	0.33	2.30	12.95	101.69	1.14	2.36	80.18	58.25	48.79	31.39	31.11	19%	61%	39%	
SCRC11_009	11	12	45.57	6.92	5.50	2.89	1.73	4.82	1.01	0.43	16.33	3.42	5.50	0.99	0.46	3.07	18.54	110.89	1.02	2.95	117.17	71.60	72.24	44.93	43.08	17%	62%	38%	
SCRC11_009	12	13	58.35	7.27	6.46	3.46	1.88	5.35	1.20	0.50	16.91	3.40	6.08	1.12	0.53	3.51	23.87	99.54	1.14	2.83	139.88	81.53	85.93	53.95	50.24	15%	61%	39%	
SCRC11_009	13	14	56.75	19.70	6.34	3.34	1.91	5.74	1.17	0.48	21.23	5.03	6.45	1.13	0.51	3.43	22.60	84.36	1.25	2.95	155.80	99.05	102.71	53.09	53.21	17%	66%	34%	
SCRC11_009	14	15	71.37	65.56	13.54	7.44	3.84	12.91	2.57	1.07	53.89	14.32	13.45	2.40	1.13	7.50	53.21	39.88	4.67	6.84	324.20	252.83	205.13	119.07	126.88	21%	63%	37%	
SCRC11_009	15	16	112.52	39.29	20.66	10.28	5.96	18.38	3.70	1.36	67.07	14.50	20.99	3.69	1.56	10.31	51.05	15.03	5.92	10.14	381.33	268.81	233.38	147.95	148.43	21%	61%	39%	
SCRC11_009	16	17	94.59	40.46	18.59	9.53	4.96	16.60	3.44	1.30	59.49	13.53	17.68	3.34	1.47	9.54	52.83	11.96	6.03	11.09	347.34	252.75	208.07	139.27	139.20	21%	60%	40%	
SCRC11_009	17	18	104.91	91.48	18.76	9.94	5.31	18.27	3.47	1.41	76.75	18.79	19.25	3.35	1.51	10.00	60.83	14.26	9.56	11.09	444.02	339.12	291.92	152.10	165.01	22%	66%	34%	
SCRC11_009	18	19	89.80	33.66	15.90	8.40	4.20	14.35	2.99	1.14	50.51	11.24	15.07	2.81	1.29	8.35	49.15	12.88	8.76	11.20	308.85	219.05	185.20	123.65	122.56	20%	60%	40%	
SCRC11_009	19	20	53.31	33.89	12.22	6.66	3.22	11.06	2.37	0.97	39.42	9.04	11.32	2.16	1.03	6.80	45.46	11.66	6.83	8.84	238.94	185.63	135.67	103.27	102.49	20%	57%	43%	
SCRC11_009	20	21	55.16	167.71	14.06	7.15	5.29	18.79	2.50	1.00	123.64	34.43	20.24	2.74	1.04	6.78	54.61	14.26	8.88	8.84	515.12	459.96	380.94	134.18	200.34	31%	74%	26%	
SCRC11_009	21	22	90.16	53.60	17.90	10.21	5.00	17.29	3.57	1.47	64.50	14.56	17.45	3.12	1.51	9.84	84.45	13.96	9.33	7.31	394.63	304.47	222.82	171.81	174.97	20%	56%	44%	
SCRC11_009	22	23	70.14	58.64	13.94	7.81	4.27	14.98	2.70	1.13	67.53	15.65	15.42	2.54	1.14	7.61	72.00	14.88	9.56	6.72	355.52	285.38	211.96	143.56	160.30	23%	60%	40%	
SCRC11_009	23	24	104.05	140.74	15.78	7.98	6.36	21.44	2.78	1.06	139.38	35.40	25.51	3.16	1.11	7.26	65.91	21.63	7.97	7.19	577.92	473.88	419.57	158.35	230.59	30%	73%	27%	
SCRC11_010	0	1	76.78	33.78	5.89	3.38	2.06	6.24	1.04	0.48	34.06	7.73	7.92	1.07	0.46	3.35	29.84	9.20	4.78	16.27	214.07	137.29	152.34	61.73	72.92	20%	71%	29%	
SCRC11_010	1	2	76.78	33.78	5.89	3.38	2.06	6.24	1.04	0.48	34.06	7.73	7.92	1.07	0.46	3.35	29.84	9.20	4.78	16.27	214.07	137.29	152.34	61.73	72.92	20%	71%	29%	
SCRC11_010	2	3	76.78	33.78	5.89	3.38	2.06	6.24	1.04	0.48	34.06	7.73	7.92	1.07	0.46	3.35	29.84	9.20	4.78	16.27	214.07	137.29	152.34	61.73	72.92	20%	71%	29%	
SCRC11_010	3	4	49.50	30.14	8.40	4.45	2.83	8.73	1.56	0.66	44.32	9.85	11.17	1.56	0.69	4.75	47.49	8.28	5.35	10.85	226.09	176.59	133.82	92.28	104.61	24%	59%	41%	
SCRC11_010	4	5	69.90	38.82	11.82	5.84	3.90	11.76	2.06	0.90	57.97	13.29	15.02	2.20	0.94	6.62	41.65	6.60	5.01	6.96	282.68	212.78	179.98	102.70	117.55	25%	64%	36%	
SCRC11_010	5	6	119.52	25.22	18.13	9.22	5.18	15.27	3.29	1.40	54.70	11.25	18.09	3.21	1.48	10.33	65.40	7.21	3.98	6.49	361.69	242.17	210.69	151.00	146.62	18%	58%	42%	
SCRC11_010	6	7	149.25	62.86	18.71	9.00	6.32	17.58	3.25	1.31	76.05	17.94	21.63	3.45	1.40	9.71	54.73	38.81	3.19	5.42	453.19	303.94	306.10	147.09	159.26	21%	68%	32%	
SCRC11_010	7	8	19.72	26.04	7.59	5.08	2.13	6.82	1.58	0.61	24.03	5.64	6.03	1.22	0.64	4.21	52.57	57.98	5.69	4.48	163.91	144.20	75.42	88.49	87.54	18%	46%	54%	
SCRC11_010	8	9	19.72	26.04	7.59	5.08	2.13	6.82	1.58	0.61	24.03	5.64	6.03	1.22	0.64	4.21	52.57	57.98	5.69	4.48	163.91	144.20	75.42	88.49	87.54	18%	46%	54%	
SCRC11_010	9	10	19.72	26.04	7.59	5.08	2.13	6.82	1.58	0.61	24.03	5.64	6.03	1.22	0.64	4.21	52.57	57.98	5.69	4.48	163.91	144.20	75.42	88.49	87.54	18%	46%	54%	
SCRC11_010	10	11	19.72	26.04	7.59	5.08	2.13	6.82	1.58	0.61	24.03	5.64	6.03	1.22	0.64	4.21	52.57	57.98	5.69	4.48	163.91	144.20	75.42	88.49	87.54	18%	46%	54%	
SCRC11_010	11	12	111.17	62.74	39.71	26.76	7.53	33.08	8.55	2.80	96.81	18.12	22.21	6.33	3.20	19.13	295.89	47.24	3.30	3.30	754.02	642.85	288.85	465.17	446.26	15%	38%	62%	
SCRC11_010	12	13	111.17	62.74	39.71	26.76	7.53	33.08	8.55	2.80	96.81	18.12	22.21	6.33	3.20	19.13	295.89	47.24	3.30	3.30	754.02	642.85	288.85	465.17	446.26	15%	38%	62%	
SCRC11_010	13	14	111.17	62.74	39.71	26.76	7.53	33.08	8.55	2.80	96.81	18.12	22.21	6.33	3.20	19.13	295.89	47.24	3.30	3.30	754.02	642.85	288.85	465.17	446.26	15%	38%	62%	
SCRC11_010	14	15	111.17	62.74	39.71	26.76	7.53	33.08	8.55	2.80	96.81	18.12	22.21	6.33	3.20	19.13	295.89	47.24	3.30	3.30	754.02	642.85	288.85	465.17	446.26	15%	38%	62%	
SCRC11_010	15	16	118.05	49.84	24.68	15.95	5.13	23.97	5.69	1.94	62.29	13.95	15.48	4.19	2.12	12.18	236.84	20.71	12.52	2.95	592.31	474.27	244.13	348.18	333.11	13%	41%	59%	
SCRC11_010	16	17	85.25	35.77	5.86	3.27	1.88	6.58	1.13	0.45	29.04	7.93	6.20	1.06	0.47	2.99	35.81	41.11	10.35	2.83	223.71	138.46	157.99	65.72	73.65	17%	71%	29%	
SCRC11_010	17	18	98.76	42.92	7.46	4.54	1.91	7.71	1.57	0.61	33.83	9.11	6.70	1.31	0.64	4.04	52.70	9.66	8.76	4.13	273.82	175.06	184.62	89.20	97.20	16%	67%	33%	
SCRC11_010	18	19	100.73	40.34	3.53	1.94	1.25	4.76	0.65	0.31	29.86	8.64	5.40	0.69	0.29	1.99	19.18	15.34	15.59	6.96	219.57	118.84	179.57	40.00	54.51	18%	82%	18%	
SCRC11_010	19	20	69.53	24.86	5.02	3.18	1.54	4.84	1.01	0.40	20.88	5.36	4.52	0.85	0.40	2.64	30.99	34.97	4.67	2.24	176.01	106.48	120.63	55.38	59.27	15%	69%	31%	
SCRC11_010	20	21	69.53	24.86	5.02	3.18	1.54	4.84	1.01	0.40	20.88	5.36	4.52	0.85	0.40	2.64	30.99	34.97	4.67	2.24	176.01	106.48	120.63	55.38	59.27	15%	69%	31%	
SCRC11_010	21	22	69.53	24.86	5.02	3.18	1.54	4.84	1.01	0.40	20.88	5.36	4.52	0.85	0.40	2.64	30.99	34.97	4.67	2.24	176.01	106.48	120.63	55.38	59.27	15%	69%	31%	
SCRC11_010	22	23	69.53	24.86	5.02	3.18	1.54	4.84	1.01	0.40	20.88	5.36	4.52	0.85	0.40	2.64	30.99	34.97	4.67	2.24	176.01	106.48	120.63	55.38	59.27	15%	69%	31%	
SCRC11_010	23	24	88.81	32.96	5.35	3.33	1.63	5.45	1.04	0.43	24.49	6.49	5.10	0.93	0.42	2.82	32.13	30.06	6.71	1.89	211.39	122.58	152.75	58.64	64.53	15%	72%	28%	
SCRC11_010	24	25	88.81	32.96	5.35	3.33	1.63	5.45	1.04	0.43	24.49	6.49	5.10	0.93	0.42	2.82	32.13	30.06	6.71	1.89	211.39	122.58	152.75	58.64	64.53	15%	72%	28%	
SCRC11_010	25	26	88.81	32.96	5.35	3.33	1.63	5.45	1.04	0.43	24.49	6.49	5.10	0.93	0.42	2.82	32.13	30.06	6.71	1.89	211.39	122.58	152.75	58.64	64.53	15%	72%	28%	
SCRC11_010	26	27	88.81	32.96	5.35	3.33	1.63	5.45	1.04	0.43																			

Hole Id	From (m)	To (m)	CeO ₂ (ppm)	La ₂ O ₃ (ppm)	Dy ₂ O ₃ (ppm)	Er ₂ O ₃ (ppm)	Eu ₂ O ₃ (ppm)	Gd ₂ O ₃ (ppm)	Ho ₂ O ₃ (ppm)	Lu ₂ O ₃ (ppm)	Nd ₂ O ₃ (ppm)	Pr ₂ O ₃ (ppm)	Sm ₂ O ₃ (ppm)	Tb ₂ O ₃ (ppm)	Tm ₂ O ₃ (ppm)	Yb ₂ O ₃ (ppm)	Y ₂ O ₃ (ppm)	Sc ₂ O ₃ (ppm)	ThO ₂ (ppm)	U ₃ O ₈ (ppm)	TREO (ppm)	TREO-CeO ₂ (ppm)	LREO (ppm)	HREO (ppm)	CREO (ppm)	NdPr (%)	%LREO	%HREO	
			1	1	0.5	1	0.5	1	1	0.5	0.5	1	0.5	0.5	1	1	1	1	1	1									
SCRC11_011	2	3	78.62	31.43	7.05	4.61	1.95	6.36	1.48	0.59	30.09	8.14	6.62	1.16	0.64	4.30	50.92	41.57	3.64	8.84	233.97	155.35	148.29	85.68	91.17	16%	63%	37%	
SCRC11_011	3	4	78.62	31.43	7.05	4.61	1.95	6.36	1.48	0.59	30.09	8.14	6.62	1.16	0.64	4.30	50.92	41.57	3.64	8.84	233.97	155.35	148.29	85.68	91.17	16%	63%	37%	
SCRC11_011	4	5	107.24	129.01	7.44	4.31	2.83	10.40	1.34	0.58	82.93	26.34	12.06	1.41	0.61	4.25	40.76	30.83	8.31	12.97	431.49	324.26	345.52	85.98	135.37	25%	80%	20%	
SCRC11_011	5	6	107.24	129.01	7.44	4.31	2.83	10.40	1.34	0.58	82.93	26.34	12.06	1.41	0.61	4.25	40.76	30.83	8.31	12.97	431.49	324.26	345.52	85.98	135.37	25%	80%	20%	
SCRC11_011	6	7	107.24	129.01	7.44	4.31	2.83	10.40	1.34	0.58	82.93	26.34	12.06	1.41	0.61	4.25	40.76	30.83	8.31	12.97	431.49	324.26	345.52	85.98	135.37	25%	80%	20%	
SCRC11_011	7	8	107.24	129.01	7.44	4.31	2.83	10.40	1.34	0.58	82.93	26.34	12.06	1.41	0.61	4.25	40.76	30.83	8.31	12.97	431.49	324.26	345.52	85.98	135.37	25%	80%	20%	
SCRC11_011	8	9	30.22	5.16	3.91	2.66	0.94	2.63	0.84	0.36	6.77	1.53	2.63	0.60	0.40	2.64	50.16	48.47	1.93	6.13	111.46	81.24	43.68	67.78	62.38	7%	39%	61%	
SCRC11_011	9	10	30.22	5.16	3.91	2.66	0.94	2.63	0.84	0.36	6.77	1.53	2.63	0.60	0.40	2.64	50.16	48.47	1.93	6.13	111.46	81.24	43.68	67.78	62.38	7%	39%	61%	
SCRC11_011	10	11	193.47	8.09	7.76	3.93	2.52	6.41	1.43	0.52	24.38	4.77	8.79	1.41	0.62	3.88	35.81	85.43	0.80	7.08	303.81	110.33	230.72	73.09	71.88	10%	76%	24%	
SCRC11_011	11	12	246.91	9.62	11.76	5.88	3.86	9.98	2.12	0.80	37.09	7.08	13.97	2.19	0.90	5.83	44.57	57.06	1.37	10.26	402.56	155.65	300.70	101.86	99.47	11%	75%	25%	
SCRC11_011	12	13	65.23	7.39	10.32	6.91	2.28	7.15	2.28	0.94	16.68	3.27	7.03	1.65	1.02	6.56	180.33	35.28	6.03	12.74	319.02	253.79	92.57	226.45	211.25	6%	29%	71%	
SCRC11_011	13	14	119.28	10.79	11.82	6.90	2.86	8.78	2.37	0.93	25.66	4.92	9.64	1.98	1.05	6.68	106.80	19.33	9.22	12.21	320.45	201.18	160.65	159.81	149.12	10%	50%	50%	
SCRC11_011	14	15	125.30	22.75	28.00	18.24	5.63	22.42	6.23	2.50	49.46	8.64	18.61	4.53	2.68	16.63	191.75	64.11	6.94	9.08	523.37	398.07	206.14	317.23	279.37	11%	39%	61%	
SCRC11_011	15	16	49.63	5.63	13.54	8.30	3.02	10.98	2.89	1.15	24.03	3.82	9.83	2.26	1.24	7.88	70.48	65.95	0.80	5.66	214.68	165.06	83.10	131.58	113.33	13%	39%	61%	
SCRC11_011	16	17	123.45	13.60	23.07	14.35	5.42	20.40	5.04	1.89	40.01	6.54	16.52	4.33	2.10	13.61	85.97	71.78	0.80	6.49	376.30	252.85	183.60	192.70	158.80	12%	49%	51%	
SCRC11_011	17	18	61.05	6.92	11.06	6.95	2.80	9.91	2.38	0.92	20.65	3.50	8.48	2.07	1.02	6.76	42.92	64.42	1.02	4.01	187.40	126.35	92.12	95.28	79.50	13%	49%	51%	
SCRC11_011	18	19	153.55	16.42	29.61	17.44	7.14	26.51	6.12	2.49	51.67	8.13	22.15	5.63	2.68	18.33	84.83	17.33	4.10	10.14	452.71	299.16	229.77	222.94	178.89	13%	51%	49%	
SCRC11_011	19	20	68.91	27.44	19.63	11.95	4.78	18.04	4.12	1.68	44.67	8.86	15.36	3.74	1.78	12.35	75.69	8.13	4.89	10.50	319.02	250.10	149.89	169.13	148.51	17%	47%	53%	
SCRC11_011	20	21	78.13	14.54	28.92	18.18	5.96	25.01	6.39	2.49	41.41	6.80	17.57	5.27	2.68	18.05	103.37	7.98	4.67	11.68	374.78	296.65	140.88	233.90	184.93	13%	38%	62%	
SCRC11_011	21	22	82.92	42.46	43.61	30.19	7.54	38.96	10.38	3.96	61.35	11.59	21.92	7.68	4.33	26.30	221.60	7.52	4.55	11.32	614.77	531.85	198.31	416.46	341.78	12%	32%	68%	
SCRC11_011	22	23	52.45	13.49	16.47	10.81	3.51	15.33	3.73	1.52	27.53	5.06	9.93	3.03	1.56	10.52	79.50	7.52	5.35	12.97	254.44	201.99	98.53	155.91	130.04	13%	39%	61%	
SCRC11_011	23	24	82.43	17.71	17.22	11.16	3.88	17.00	3.91	1.59	33.83	6.55	11.28	3.26	1.63	10.87	77.46	7.21	5.23	13.68	299.78	217.35	140.51	159.27	135.64	13%	47%	53%	
SCRC11_011	24	25	88.32	49.49	24.79	16.35	5.92	25.93	5.70	2.21	66.83	14.02	17.68	4.72	2.35	14.92	136.51	7.21	4.89	14.15	475.75	387.43	218.66	257.09	238.77	17%	46%	54%	
SCRC11_011	25	26	63.51	19.35	25.25	18.58	4.54	22.30	6.32	2.46	33.01	6.22	11.43	4.45	2.59	16.17	204.45	12.27	4.32	14.74	440.64	377.13	122.09	318.55	271.70	9%	28%	72%	
SCRC11_011	26	27	45.08	38.12	23.07	15.21	5.75	22.25	5.11	1.81	54.59	11.18	15.36	3.76	2.07	12.75	193.02	67.03	0.91	2.59	449.13	404.05	148.96	300.17	280.20	15%	33%	67%	
SCRC11_011	27	28	45.08	38.12	23.07	15.21	5.75	22.25	5.11	1.81	54.59	11.18	15.36	3.76	2.07	12.75	193.02	67.03	0.91	2.59	449.13	404.05	148.96	300.17	280.20	15%	33%	67%	
SCRC11_011	28	29	44.71	20.05	6.01	3.87	1.91	7.12	1.36	0.48	20.65	4.86	4.94	1.15	0.51	3.27	38.99	28.22	2.05	1.77	159.88	115.17	90.27	69.61	68.71	16%	56%	44%	
SCRC11_011	29	30	43.61	20.76	4.81	3.09	1.31	4.91	1.03	0.35	18.20	4.94	4.02	0.81	0.41	2.60	39.24	27.15	3.87	1.89	150.09	106.48	87.50	62.58	64.36	15%	58%	42%	
SCRC11_011	30	31	43.61	20.76	4.81	3.09	1.31	4.91	1.03	0.35	18.20	4.94	4.02	0.81	0.41	2.60	39.24	27.15	3.87	1.89	150.09	106.48	87.50	62.58	64.36	15%	58%	42%	
SCRC11_011	31	32	97.17	38.70	5.66	3.57	1.68	7.26	1.20	0.47	31.96	8.99	6.04	1.14	0.48	3.03	36.70	17.95	12.63	3.77	244.04	146.88	176.82	67.23	77.14	17%	72%	28%	
SCRC11_011	32	33	81.69	32.84	5.89	3.87	1.55	6.94	1.32	0.53	25.89	7.18	5.22	1.15	0.54	3.48	36.70	11.35	9.67	7.90	214.78	133.10	147.60	67.19	71.19	15%	69%	31%	
SCRC11_011	33	34	114.61	47.38	5.99	4.01	1.63	7.70	1.31	0.59	36.16	10.28	6.55	1.20	0.56	3.73	37.84	15.03	13.43	5.31	279.55	164.94	208.43	71.12	82.82	17%	75%	25%	
SCRC11_011	34	35	25.80	10.09	3.70	2.12	1.35	3.38	0.73	0.27	11.55	2.86	3.18	0.62	0.30	1.92	21.46	49.23	2.16	1.30	89.33	63.53	50.29	39.03	38.68	16%	56%	44%	
SCRC11_011	35	36	25.80	10.09	3.70	2.12	1.35	3.38	0.73	0.27	11.55	2.86	3.18	0.62	0.30	1.92	21.46	49.23	2.16	1.30	89.33	63.53	50.29	39.03	38.68	16%	56%	44%	
SCRC11_011	36	37	25.80	10.09	3.70	2.12	1.35	3.38	0.73	0.27	11.55	2.86	3.18	0.62	0.30	1.92	21.46	49.23	2.16	1.30	89.33	63.53	50.29	39.03	38.68	16%	56%	44%	
SCRC11_011	37	38	25.80	10.09	3.70	2.12	1.35	3.38	0.73	0.27	11.55	2.86	3.18	0.62	0.30	1.92	21.46	49.23	2.16	1.30	89.33	63.53	50.29	39.03	38.68	16%	56%	44%	
SCRC11_011	38	39	85.74	28.38	4.09	2.50	1.18	4.36	0.82	0.33	20.53	5.88	4.27	0.73	0.34	2.31	28.06	6.60	7.17	2.71	189.53	103.79	140.54	49.00	54.59	14%	74%	26%	
SCRC11_011	39	40	85.74	28.38	4.09	2.50	1.18	4.36	0.82	0.33	20.53	5.88	4.27	0.73	0.34	2.31	28.06	6.60	7.17	2.71	189.53	103.79	140.54	49.00	54.59	14%	74%	26%	
SCRC11_011	40	41	85.74	28.38	4.09	2.50	1.18	4.36	0.82	0.33	20.53	5.88	4.27	0.73	0.34	2.31	28.06	6.60	7.17	2.71	189.53	103.79	140.54	49.00	54.59	14%	74%	26%	
SCRC11_011	41	42	85.74	28.38	4.09	2.50	1.18	4.36	0.82	0.33	20.53	5.88	4.27	0.73	0.34	2.31	28.06	6.60	7.17	2.71	189.53	103.79	140.54	49.00	54.59	14%	74%	26%	
SCRC11_011	42	43	59.70	21.70	4.10	2.45	1.35	4.14	0.82	0.31	17.85	4.88	3.95	0.71	0.34	2.22	25.40	27.30	4.10	1.77	149.91	90.21	104.12	45.79	49.40	15%	69%	31%	
SCRC11_011	43	44	59.70	21.70	4.10	2.45	1.35	4.14	0.82	0.31	17.85	4.88	3.95	0.71	0.34	2.22	25.40												

Hole Id	From (m)	To (m)	CeO ₂ (ppm)	La ₂ O ₃ (ppm)	Dy ₂ O ₃ (ppm)	Er ₂ O ₃ (ppm)	Eu ₂ O ₃ (ppm)	Gd ₂ O ₃ (ppm)	HfO ₂ (ppm)	Lu ₂ O ₃ (ppm)	Nd ₂ O ₃ (ppm)	PbO ₂ (ppm)	Sm ₂ O ₃ (ppm)	Tb ₂ O ₃ (ppm)	Tm ₂ O ₃ (ppm)	Yb ₂ O ₃ (ppm)	Y ₂ O ₃ (ppm)	Sc ₂ O ₃ (ppm)	ThO ₂ (ppm)	U ₃ O ₈ (ppm)	TREO (ppm)	TREO-CeO ₂ (ppm)	LREO (ppm)	HREO (ppm)	CREO (ppm)	NdPr (%)	%LREO	%HREO	
			1	1	0.5	1	0.5	1	1	0.5	0.5	1	0.5	0.5	1	1	1	1	1	1									
SCRC11_011	46	47	68.18	28.38	4.71	2.72	1.61	5.01	0.92	0.34	22.74	6.43	4.97	0.85	0.37	2.45	29.59	36.20	7.05	3.18	179.26	111.09	125.73	53.53	59.50	16%	70%	30%	
SCRC11_011	47	48	68.18	28.38	4.71	2.72	1.61	5.01	0.92	0.34	22.74	6.43	4.97	0.85	0.37	2.45	29.59	36.20	7.05	3.18	179.26	111.09	125.73	53.53	59.50	16%	70%	30%	
SCRC11_011	48	49	68.18	28.38	4.71	2.72	1.61	5.01	0.92	0.34	22.74	6.43	4.97	0.85	0.37	2.45	29.59	36.20	7.05	3.18	179.26	111.09	125.73	53.53	59.50	16%	70%	30%	
SCRC11_011	49	50	68.18	28.38	4.71	2.72	1.61	5.01	0.92	0.34	22.74	6.43	4.97	0.85	0.37	2.45	29.59	36.20	7.05	3.18	179.26	111.09	125.73	53.53	59.50	16%	70%	30%	
SCRC11_011	50	51	125.91	54.54	4.79	2.40	1.67	6.64	0.85	0.30	40.59	11.57	7.62	0.98	0.31	2.06	26.92	19.02	18.55	4.72	287.13	161.22	232.61	54.52	74.94	18%	81%	19%	
SCRC11_011	51	52	125.91	54.54	4.79	2.40	1.67	6.64	0.85	0.30	40.59	11.57	7.62	0.98	0.31	2.06	26.92	19.02	18.55	4.72	287.13	161.22	232.61	54.52	74.94	18%	81%	19%	
SCRC11_011	52	53	125.91	54.54	4.79	2.40	1.67	6.64	0.85	0.30	40.59	11.57	7.62	0.98	0.31	2.06	26.92	19.02	18.55	4.72	287.13	161.22	232.61	54.52	74.94	18%	81%	19%	
SCRC11_011	53	54	125.91	54.54	4.79	2.40	1.67	6.64	0.85	0.30	40.59	11.57	7.62	0.98	0.31	2.06	26.92	19.02	18.55	4.72	287.13	161.22	232.61	54.52	74.94	18%	81%	19%	
SCRC11_011	54	55	125.91	54.54	4.79	2.40	1.67	6.64	0.85	0.30	40.59	11.57	7.62	0.98	0.31	2.06	26.92	19.02	18.55	4.72	287.13	161.22	232.61	54.52	74.94	18%	81%	19%	
SCRC11_012	0	1	72.48	24.51	6.51	3.78	2.05	7.55	1.32	0.52	27.99	6.90	6.96	1.32	0.55	3.59	29.21	17.18	7.05	4.84	195.23	122.75	131.88	63.35	67.08	18%	68%	32%	
SCRC11_012	1	2	56.87	23.46	5.36	3.27	1.62	6.44	1.15	0.42	24.26	6.25	5.58	1.08	0.45	2.87	30.48	16.87	6.49	3.42	169.55	112.68	110.84	58.71	62.80	18%	65%	35%	
SCRC11_012	2	3	11.80	11.49	1.07	0.85	0.34	0.84	0.24	0.16	3.62	1.32	0.82	0.16	0.14	1.08	7.24	41.26	18.09	2.24	41.17	29.36	28.23	12.94	12.42	12%	69%	31%	
SCRC11_012	3	4	11.80	11.49	1.07	0.85	0.34	0.84	0.24	0.16	3.62	1.32	0.82	0.16	0.14	1.08	7.24	41.26	18.09	2.24	41.17	29.36	28.23	12.94	12.42	12%	69%	31%	
SCRC11_012	4	5	11.80	11.49	1.07	0.85	0.34	0.84	0.24	0.16	3.62	1.32	0.82	0.16	0.14	1.08	7.24	41.26	18.09	2.24	41.17	29.36	28.23	12.94	12.42	12%	69%	31%	
SCRC11_012	5	6	11.80	11.49	1.07	0.85	0.34	0.84	0.24	0.16	3.62	1.32	0.82	0.16	0.14	1.08	7.24	41.26	18.09	2.24	41.17	29.36	28.23	12.94	12.42	12%	69%	31%	
SCRC11_012	6	7	148.02	195.27	3.95	1.76	2.27	8.33	0.54	0.20	72.20	27.79	11.26	0.93	0.21	1.40	16.64	51.54	17.64	2.83	490.77	342.75	443.28	47.49	95.98	20%	90%	10%	
SCRC11_012	7	8	148.02	195.27	3.95	1.76	2.27	8.33	0.54	0.20	72.20	27.79	11.26	0.93	0.21	1.40	16.64	51.54	17.64	2.83	490.77	342.75	443.28	47.49	95.98	20%	90%	10%	
SCRC11_012	8	9	148.02	195.27	3.95	1.76	2.27	8.33	0.54	0.20	72.20	27.79	11.26	0.93	0.21	1.40	16.64	51.54	17.64	2.83	490.77	342.75	443.28	47.49	95.98	20%	90%	10%	
SCRC11_012	9	10	148.02	195.27	3.95	1.76	2.27	8.33	0.54	0.20	72.20	27.79	11.26	0.93	0.21	1.40	16.64	51.54	17.64	2.83	490.77	342.75	443.28	47.49	95.98	20%	90%	10%	
SCRC11_012	10	11	614.20	151.88	12.51	4.11	6.74	23.05	1.68	0.27	139.38	40.72	30.38	3.12	0.42	2.23	35.30	201.69	4.67	3.18	1066.00	451.80	946.18	119.82	197.05	17%	89%	11%	
SCRC11_012	11	12	614.20	151.88	12.51	4.11	6.74	23.05	1.68	0.27	139.38	40.72	30.38	3.12	0.42	2.23	35.30	201.69	4.67	3.18	1066.00	451.80	946.18	119.82	197.05	17%	89%	11%	
SCRC11_012	12	13	614.20	151.88	12.51	4.11	6.74	23.05	1.68	0.27	139.38	40.72	30.38	3.12	0.42	2.23	35.30	201.69	4.67	3.18	1066.00	451.80	946.18	119.82	197.05	17%	89%	11%	
SCRC11_012	13	14	614.20	151.88	12.51	4.11	6.74	23.05	1.68	0.27	139.38	40.72	30.38	3.12	0.42	2.23	35.30	201.69	4.67	3.18	1066.00	451.80	946.18	119.82	197.05	17%	89%	11%	
SCRC11_012	14	15	589.63	211.10	32.02	13.38	12.68	46.33	5.23	1.08	219.28	57.03	53.23	7.05	1.59	8.57	134.61	104.61	4.10	3.30	1392.82	803.19	1077.05	315.77	405.64	20%	77%	23%	
SCRC11_012	15	16	589.63	211.10	32.02	13.38	12.68	46.33	5.23	1.08	219.28	57.03	53.23	7.05	1.59	8.57	134.61	104.61	4.10	3.30	1392.82	803.19	1077.05	315.77	405.64	20%	77%	23%	
SCRC11_012	16	17	589.63	211.10	32.02	13.38	12.68	46.33	5.23	1.08	219.28	57.03	53.23	7.05	1.59	8.57	134.61	104.61	4.10	3.30	1392.82	803.19	1077.05	315.77	405.64	20%	77%	23%	
SCRC11_012	17	18	589.63	211.10	32.02	13.38	12.68	46.33	5.23	1.08	219.28	57.03	53.23	7.05	1.59	8.57	134.61	104.61	4.10	3.30	1392.82	803.19	1077.05	315.77	405.64	20%	77%	23%	
SCRC11_012	18	19	241.99	140.74	33.40	18.18	11.32	37.00	6.32	1.80	167.38	43.98	41.51	6.16	2.36	14.40	225.41	33.44	4.89	4.36	991.96	749.97	594.09	397.88	443.67	21%	60%	40%	
SCRC11_012	19	20	241.99	140.74	33.40	18.18	11.32	37.00	6.32	1.80	167.38	43.98	41.51	6.16	2.36	14.40	225.41	33.44	4.89	4.36	991.96	749.97	594.09	397.88	443.67	21%	60%	40%	
SCRC11_012	20	21	241.99	140.74	33.40	18.18	11.32	37.00	6.32	1.80	167.38	43.98	41.51	6.16	2.36	14.40	225.41	33.44	4.89	4.36	991.96	749.97	594.09	397.88	443.67	21%	60%	40%	
SCRC11_012	21	22	241.99	140.74	33.40	18.18	11.32	37.00	6.32	1.80	167.38	43.98	41.51	6.16	2.36	14.40	225.41	33.44	4.89	4.36	991.96	749.97	594.09	397.88	443.67	21%	60%	40%	
SCRC11_012	22	23	202.07	105.20	40.63	24.59	11.20	41.72	8.29	2.63	150.47	36.25	39.19	7.01	3.38	19.93	406.37	43.71	4.89	6.72	1098.92	896.85	493.98	604.94	615.67	17%	45%	55%	
SCRC11_012	23	24	202.07	105.20	40.63	24.59	11.20	41.72	8.29	2.63	150.47	36.25	39.19	7.01	3.38	19.93	406.37	43.71	4.89	6.72	1098.92	896.85	493.98	604.94	615.67	17%	45%	55%	
SCRC11_012	24	25	202.07	105.20	40.63	24.59	11.20	41.72	8.29	2.63	150.47	36.25	39.19	7.01	3.38	19.93	406.37	43.71	4.89	6.72	1098.92	896.85	493.98	604.94	615.67	17%	45%	55%	
SCRC11_012	25	26	202.07	105.20	40.63	24.59	11.20	41.72	8.29	2.63	150.47	36.25	39.19	7.01	3.38	19.93	406.37	43.71	4.89	6.72	1098.92	896.85	493.98	604.94	615.67	17%	45%	55%	
SCRC11_012	26	27	97.90	96.76	22.15	14.98	5.12	19.54	4.90	1.85	68.23	18.36	16.47	3.54	2.10	13.66	201.91	56.44	7.05	8.26	587.49	489.58	281.26	306.23	300.96	15%	48%	52%	
SCRC11_012	27	28	97.90	96.76	22.15	14.98	5.12	19.54	4.90	1.85	68.23	18.36	16.47	3.54	2.10	13.66	201.91	56.44	7.05	8.26	587.49	489.58	281.26	306.23	300.96	15%	48%	52%	
SCRC11_012	28	29	97.90	96.76	22.15	14.98	5.12	19.54	4.90	1.85	68.23	18.36	16.47	3.54	2.10	13.66	201.91	56.44	7.05	8.26	587.49	489.58	281.26	306.23	300.96	15%	48%	52%	
SCRC11_012	29	30	97.90	96.76	22.15	14.98	5.12	19.54	4.90	1.85	68.23	18.36	16.47	3.54	2.10	13.66	201.91	56.44	7.05	8.26	587.49	489.58	281.26	306.23	300.96	15%	48%	52%	
SCRC11_012	30	31	86.36	25.10	35.81	23.33	7.99	27.89	7.61	2.92	69.05	12.99	25.63	5.70	3.36	21.92	236.84	74.54	1.14	3.89	592.49	506.13	193.49	398.99	355.39	14%	33%	67%	
SCRC11_012	31	32	86.36	25.10	35.81	23.33	7.99	27.89	7.61	2.92	69.05	12.99	25.63	5.70	3.36	21.92	236.84	74.54	1.14	3.89	592.49	506.13	193.49	398.99	355.39	14%</			

Hole Id	From (m)	To (m)	CeO ₂ (ppm)	La ₂ O ₃ (ppm)	Dy ₂ O ₃ (ppm)	Er ₂ O ₃ (ppm)	Eu ₂ O ₃ (ppm)	Gd ₂ O ₃ (ppm)	Ho ₂ O ₃ (ppm)	Lu ₂ O ₃ (ppm)	Nd ₂ O ₃ (ppm)	Pr ₂ O ₃ (ppm)	Sm ₂ O ₃ (ppm)	Tb ₂ O ₃ (ppm)	Tm ₂ O ₃ (ppm)	Yb ₂ O ₃ (ppm)	Y ₂ O ₃ (ppm)	Sc ₂ O ₃ (ppm)	ThO ₂ (ppm)	U ₃ O ₈ (ppm)	TREO (ppm)	TREO-CeO ₂ (ppm)	LREO (ppm)	HREO (ppm)	CREO (ppm)	NdPr (%)	%LREO	%HREO	
			1	1	0.5	1	0.5	1	1	0.5	0.5	1	0.5	0.5	1	1	1	1	1	1									
SCRC11_012	35	36	96.55	29.44	70.35	50.77	12.85	67.54	17.58	6.41	97.39	16.19	36.76	12.59	7.05	39.97	558.76	28.07	10.92	10.14	1120.21	1023.65	239.57	880.63	751.94	10%	21%	79%	
SCRC11_012	36	37	207.60	58.52	51.53	33.50	12.85	62.36	11.97	3.88	134.72	26.10	41.17	10.41	4.40	24.82	353.03	76.38	6.14	8.02	1036.86	829.26	426.94	609.92	562.55	16%	41%	59%	
SCRC11_012	37	38	114.12	52.78	34.55	23.33	8.04	39.19	8.22	2.66	88.65	19.27	25.28	6.59	3.06	17.65	270.49	71.63	3.53	4.95	713.86	599.74	274.81	439.05	408.30	15%	38%	62%	
SCRC11_013	0	1	63.88	32.60	8.76	6.31	1.84	7.38	2.00	0.81	26.71	8.35	6.38	1.39	0.88	5.67	131.43	23.47	3.87	13.33	304.39	240.51	131.54	172.85	170.13	12%	43%	57%	
SCRC11_013	1	2	63.88	32.60	8.76	6.31	1.84	7.38	2.00	0.81	26.71	8.35	6.38	1.39	0.88	5.67	131.43	23.47	3.87	13.33	304.39	240.51	131.54	172.85	170.13	12%	43%	57%	
SCRC11_013	2	3	211.28	96.87	13.37	8.71	3.53	14.70	2.96	1.16	63.22	20.12	12.99	2.59	1.22	7.81	130.80	14.42	5.01	14.39	591.33	380.04	391.49	199.84	213.51	14%	66%	34%	
SCRC11_013	3	4	321.84	126.08	12.51	6.68	4.28	16.54	2.34	0.93	90.63	29.36	17.22	2.66	0.95	6.42	48.00	9.66	4.89	10.61	686.44	364.60	567.91	118.53	158.08	17%	83%	17%	
SCRC11_013	4	5	205.14	194.10	11.71	6.07	4.96	19.94	2.03	0.83	141.72	45.43	22.38	2.69	0.83	5.82	42.54	10.12	5.46	9.79	706.19	501.04	586.39	119.80	203.62	27%	83%	17%	
SCRC11_013	5	6	57.61	43.16	8.53	6.08	2.04	8.64	1.97	0.90	38.61	11.19	7.50	1.55	0.90	6.05	69.59	8.13	5.12	6.25	264.32	206.71	150.57	113.76	120.32	19%	57%	43%	
SCRC11_013	6	7	82.30	49.26	7.21	4.16	2.51	9.45	1.42	0.64	48.76	13.47	9.47	1.51	0.62	4.40	31.11	9.05	5.35	7.55	266.28	183.98	193.79	72.50	91.09	23%	73%	27%	
SCRC11_013	7	8	57.49	42.22	7.10	4.27	2.32	8.89	1.45	0.60	41.99	11.44	8.74	1.45	0.61	4.18	36.70	9.51	4.44	6.60	229.45	171.96	153.14	76.30	89.56	23%	67%	33%	
SCRC11_013	8	9	25.67	10.91	4.45	2.52	1.63	4.29	0.88	0.30	13.65	3.31	3.90	0.78	0.34	2.17	26.79	61.51	0.80	0.71	101.59	75.92	53.54	48.05	47.30	17%	53%	47%	
SCRC11_013	9	10	25.67	10.91	4.45	2.52	1.63	4.29	0.88	0.30	13.65	3.31	3.90	0.78	0.34	2.17	26.79	61.51	0.80	0.71	101.59	75.92	53.54	48.05	47.30	17%	53%	47%	
SCRC11_013	10	11	25.67	10.91	4.45	2.52	1.63	4.29	0.88	0.30	13.65	3.31	3.90	0.78	0.34	2.17	26.79	61.51	0.80	0.71	101.59	75.92	53.54	48.05	47.30	17%	53%	47%	
SCRC11_013	11	12	25.67	10.91	4.45	2.52	1.63	4.29	0.88	0.30	13.65	3.31	3.90	0.78	0.34	2.17	26.79	61.51	0.80	0.71	101.59	75.92	53.54	48.05	47.30	17%	53%	47%	
SCRC11_013	12	13	15.42	14.89	5.20	3.27	1.66	6.02	1.13	0.41	19.48	4.31	4.80	1.01	0.45	2.81	34.29	57.98	2.05	2.59	115.47	100.06	54.43	61.04	61.63	21%	47%	53%	
SCRC11_013	13	14	74.69	49.37	13.94	10.44	2.99	14.47	3.55	1.24	43.97	12.20	9.33	2.54	1.34	7.65	161.28	18.41	7.62	7.43	409.01	334.32	180.24	228.77	224.72	14%	44%	56%	
SCRC11_013	14	15	101.59	57.12	60.83	42.54	10.87	61.78	15.06	4.97	135.30	28.76	33.98	10.84	5.62	31.43	314.94	18.10	4.10	8.02	915.62	814.03	322.76	592.85	532.78	18%	35%	65%	
SCRC11_013	15	16	93.48	48.67	19.91	12.86	4.74	24.32	4.59	1.54	71.73	16.25	15.54	3.88	1.68	9.92	105.53	22.70	12.63	4.36	434.64	341.16	230.14	204.51	205.79	20%	53%	47%	
SCRC11_013	16	17	107.24	59.23	9.89	6.56	2.70	13.49	2.28	0.83	47.82	12.57	9.37	1.98	0.87	5.27	89.78	17.79	12.52	4.36	369.87	262.63	226.85	143.02	152.17	16%	61%	39%	
SCRC11_013	17	18	92.74	36.00	7.04	4.86	1.74	8.48	1.65	0.65	30.91	8.51	6.06	1.35	0.66	4.07	55.11	13.19	9.44	5.66	259.84	167.09	168.16	91.67	96.15	15%	65%	35%	
SCRC11_013	18	19	111.05	40.34	5.72	3.60	1.73	7.87	1.21	0.52	34.76	9.96	6.71	1.18	0.49	3.27	38.60	18.71	14.57	4.84	267.01	155.97	196.11	70.91	81.98	17%	73%	27%	
SCRC11_013	19	20	62.89	23.93	9.20	6.64	2.29	9.68	2.25	0.90	27.88	7.08	6.32	1.69	0.91	5.68	87.37	50.92	7.17	2.71	254.72	191.83	121.78	132.94	128.44	14%	48%	52%	
SCRC11_013	20	21	86.36	252.15	11.24	5.44	4.94	20.98	1.86	0.65	145.80	45.43	25.28	2.48	0.69	4.10	45.46	33.74	5.01	4.13	652.85	566.49	529.74	123.11	209.92	29%	81%	19%	
SCRC11_013	21	22	12.04	15.13	3.44	2.26	1.04	3.34	0.72	0.38	11.43	3.09	3.27	0.60	0.34	2.15	17.40	65.03	1.37	1.06	76.64	64.60	41.69	34.95	33.91	19%	54%	46%	
SCRC11_013	22	23	9.86	6.22	6.25	4.09	1.27	4.85	1.35	0.57	9.68	2.05	4.00	1.02	0.61	3.62	32.26	84.51	0.91	1.53	87.72	77.85	27.81	59.90	50.49	13%	32%	68%	
SCRC11_013	23	24	42.38	85.26	19.97	9.53	9.76	29.51	3.54	1.06	121.31	27.79	35.14	4.35	1.22	6.97	92.58	79.30	1.02	1.18	490.35	447.97	276.74	213.61	247.96	30%	56%	44%	
SCRC11_013	24	25	65.47	23.57	5.80	3.58	1.46	6.40	1.23	0.51	19.48	5.24	5.59	1.06	0.51	2.98	37.97	10.28	8.76	5.42	180.85	115.38	113.77	67.08	65.76	14%	63%	37%	
SCRC11_013	25	26	103.68	35.77	5.57	3.54	1.30	6.01	1.19	0.48	23.79	6.80	5.44	1.00	0.51	2.86	34.67	8.44	7.40	3.54	232.60	128.93	170.04	62.56	66.33	13%	73%	27%	
SCRC11_013	26	27	66.46	20.99	5.52	3.36	1.45	6.25	1.16	0.44	18.43	4.76	5.59	1.02	0.48	2.77	34.03	9.20	9.79	2.59	172.71	106.25	110.64	62.07	60.45	13%	64%	36%	
SCRC11_013	27	28	99.75	38.82	6.19	3.67	1.83	7.23	1.27	0.48	27.29	7.36	6.78	1.15	0.50	2.90	36.95	22.39	6.26	4.25	242.18	142.43	173.22	68.96	73.42	14%	72%	28%	
SCRC11_013	28	29	34.27	13.02	4.99	2.77	1.64	5.91	0.97	0.34	19.60	4.29	6.52	0.96	0.38	2.07	29.46	34.20	3.64	2.36	127.20	92.93	71.18	56.02	56.66	19%	56%	44%	
SCRC11_013	29	30	35.75	11.14	3.81	2.31	1.08	4.26	0.79	0.32	13.76	3.25	4.42	0.72	0.33	1.86	23.49	24.08	10.01	2.48	107.29	71.54	63.90	43.39	42.86	16%	60%	40%	
SCRC11_013	30	31	61.17	28.85	7.17	4.11	2.17	8.39	1.43	0.50	28.11	6.69	8.40	1.39	0.56	3.13	41.53	27.46	4.89	3.07	203.60	142.42	124.83	78.77	80.36	17%	61%	39%	
SCRC11_013	31	32	27.15	13.02	3.84	2.23	1.16	4.01	0.79	0.26	12.01	2.96	3.78	0.71	0.30	1.61	23.24	38.04	0.91	9.55	97.06	69.92	55.14	41.92	40.96	15%	57%	43%	
SCRC11_013	32	33	99.01	37.88	6.62	3.88	2.17	7.00	1.32	0.48	31.26	8.69	6.98	1.19	0.53	3.43	41.91	35.89	8.31	5.66	252.32	153.31	176.84	75.48	83.14	16%	70%	30%	
SCRC11_013	33	34	99.01	37.88	6.62	3.88	2.17	7.00	1.32	0.48	31.26	8.69	6.98	1.19	0.53	3.43	41.91	35.89	8.31	5.66	252.32	153.31	176.84	75.48	83.14	16%	70%	30%	
SCRC11_013	34	35	99.01	37.88	6.62	3.88	2.17	7.00	1.32	0.48	31.26	8.69	6.98	1.19	0.53	3.43	41.91	35.89	8.31	5.66	252.32	153.31	176.84	75.48	83.14	16%	70%	30%	
SCRC11_013	35	36	99.01	37.88	6.62	3.88	2.17	7.00	1.32	0.48	31.26	8.69	6.98	1.19	0.53	3.43	41.91	35.89	8.31	5.66	252.32	153.31	176.84	75.48	83.14	16%	70%	30%	
SCRC11_013	36	37	102.45	45.27	4.48	2.40	1.49	6.07	0.81	0.31	36.28	10.33	6.95	0.88	0.32	2.13	25.91	19.17	17.64	4.95	246.07	143.62	194.32	51.75	69.03	19%	79%	21%	
SCRC11_013	37	38	102.45	45.27	4.48	2.40	1.49	6.07	0.81	0.31	36.28	10.33	6.95	0.88	0.32	2.13	25.91	19.17	17.64	4.95	246.07	143.62	194.32	51.75	69.03	19%	79%	21%	
SCRC11_013	38	39	102.45	45.27	4.48	2.40	1.49	6.07	0.81	0.31	36.28	10.33	6.95	0.88															

Hole Id	From (m)	To (m)	CeO ₂ (ppm)	La ₂ O ₃ (ppm)	Dy ₂ O ₃ (ppm)	Er ₂ O ₃ (ppm)	Eu ₂ O ₃ (ppm)	Gd ₂ O ₃ (ppm)	Ho ₂ O ₃ (ppm)	Lu ₂ O ₃ (ppm)	Nd ₂ O ₃ (ppm)	Pr ₂ O ₃ (ppm)	Sm ₂ O ₃ (ppm)	Tb ₂ O ₃ (ppm)	Tm ₂ O ₃ (ppm)	Yb ₂ O ₃ (ppm)	Y ₂ O ₃ (ppm)	Sc ₂ O ₃ (ppm)	ThO ₂ (ppm)	U ₃ O ₈ (ppm)	TREO (ppm)	TREO-CeO ₂ (ppm)	LREO (ppm)	HREO (ppm)	CREO (ppm)	NdPr (%)	%LREO	%HREO	
			1	1	0.5	1	0.5	1	1	0.5	0.5	1	0.5	0.5	1	1	1	1	1	1									
SCRC11_013	41	42	116.08	49.49	4.77	2.42	1.75	6.59	0.84	0.31	39.89	11.21	7.62	0.98	0.32	2.14	25.40	23.16	20.03	5.07	269.82	153.73	216.68	53.14	72.79	19%	80%	20%	
SCRC11_013	42	43	116.08	49.49	4.77	2.42	1.75	6.59	0.84	0.31	39.89	11.21	7.62	0.98	0.32	2.14	25.40	23.16	20.03	5.07	269.82	153.73	216.68	53.14	72.79	19%	80%	20%	
SCRC11_014	0	1	254.28	224.59	18.76	10.44	8.31	26.63	3.28	1.13	226.86	64.40	38.15	3.67	1.34	8.71	124.45	42.18	10.81	6.01	1015.00	760.72	770.13	244.86	382.06	29%	76%	24%	
SCRC11_014	1	2	254.28	224.59	18.76	10.44	8.31	26.63	3.28	1.13	226.86	64.40	38.15	3.67	1.34	8.71	124.45	42.18	10.81	6.01	1015.00	760.72	770.13	244.86	382.06	29%	76%	24%	
SCRC11_014	2	3	254.28	224.59	18.76	10.44	8.31	26.63	3.28	1.13	226.86	64.40	38.15	3.67	1.34	8.71	124.45	42.18	10.81	6.01	1015.00	760.72	770.13	244.86	382.06	29%	76%	24%	
SCRC11_014	3	4	18.86	5.28	2.67	1.74	0.79	2.13	0.55	0.26	7.23	1.68	2.31	0.44	0.26	1.95	15.37	61.20	2.05	5.90	61.51	42.65	33.04	28.46	26.49	14%	54%	46%	
SCRC11_014	4	5	18.86	5.28	2.67	1.74	0.79	2.13	0.55	0.26	7.23	1.68	2.31	0.44	0.26	1.95	15.37	61.20	2.05	5.90	61.51	42.65	33.04	28.46	26.49	14%	54%	46%	
SCRC11_014	5	6	18.86	5.28	2.67	1.74	0.79	2.13	0.55	0.26	7.23	1.68	2.31	0.44	0.26	1.95	15.37	61.20	2.05	5.90	61.51	42.65	33.04	28.46	26.49	14%	54%	46%	
SCRC11_014	6	7	89.43	46.68	5.26	2.96	1.86	6.83	1.00	0.47	29.86	7.39	8.12	1.05	0.46	2.95	19.43	36.81	7.40	11.44	223.74	134.31	173.36	50.38	57.46	17%	77%	23%	
SCRC11_014	7	8	110.80	97.46	8.60	4.32	3.65	13.02	1.48	0.58	70.45	20.18	15.65	1.80	0.61	3.73	27.30	56.90	4.78	6.01	379.63	268.83	298.89	80.75	111.80	24%	79%	21%	
SCRC11_014	8	9	31.82	34.36	3.36	1.73	1.55	4.85	0.58	0.24	27.29	7.91	6.18	0.69	0.24	1.51	11.05	82.06	1.37	3.30	133.38	101.56	101.39	31.99	43.95	26%	76%	24%	
SCRC11_014	9	10	22.30	7.15	4.25	2.55	1.31	4.01	0.86	0.40	11.20	2.32	4.22	0.76	0.39	2.40	16.25	77.46	1.25	4.60	80.37	58.08	42.97	37.40	33.77	17%	53%	47%	
SCRC11_014	10	11	58.96	13.60	7.95	4.35	2.80	8.44	1.50	0.65	30.33	6.42	10.31	1.52	0.66	4.05	25.52	73.93	1.25	6.37	177.06	118.10	109.31	67.75	68.12	21%	62%	38%	
SCRC11_014	11	12	154.16	22.52	21.52	10.60	6.60	21.55	3.86	1.39	67.30	12.38	27.48	4.19	1.60	9.54	50.54	35.89	5.01	12.26	415.24	261.08	256.37	158.87	150.15	19%	62%	38%	
SCRC11_014	12	13	107.85	30.26	22.32	12.12	6.09	21.32	4.28	1.54	62.99	12.32	26.05	4.20	1.79	10.32	80.77	34.51	6.60	12.85	403.22	295.37	213.42	189.80	176.36	19%	53%	47%	
SCRC11_014	13	14	8.28	3.40	5.97	3.93	1.30	4.97	1.33	0.51	10.61	1.97	4.77	1.01	0.56	3.17	49.91	73.47	0.91	5.19	101.68	93.40	24.26	77.42	68.80	12%	24%	76%	
SCRC11_014	14	15	11.96	27.91	6.03	4.05	1.53	5.98	1.31	0.53	23.33	6.62	6.17	1.06	0.58	3.36	60.57	60.43	0.91	3.18	160.99	149.03	69.83	91.17	92.51	19%	43%	57%	
SCRC11_014	15	16	221.73	491.40	25.36	10.23	13.84	50.37	3.65	1.06	330.09	98.11	64.13	6.03	1.20	7.16	81.40	29.91	5.69	10.85	1405.76	1184.04	1141.33	264.44	456.73	30%	81%	19%	
SCRC11_014	16	17	74.81	76.47	13.72	7.26	3.80	15.16	2.57	0.99	54.47	13.83	16.58	2.62	1.08	6.51	44.19	9.97	4.78	11.32	334.06	259.25	219.58	114.48	118.80	20%	66%	34%	
SCRC11_014	17	18	48.40	78.69	16.70	11.19	3.38	16.66	3.73	1.55	59.49	15.40	14.50	2.88	1.63	9.42	146.67	11.81	6.94	10.97	430.30	381.90	201.98	228.31	229.12	17%	47%	53%	
SCRC11_014	18	19	54.91	62.04	11.94	6.96	3.02	13.31	2.36	1.01	48.17	12.14	13.28	2.22	1.04	6.41	53.08	9.97	6.49	12.38	291.90	236.99	177.27	114.64	118.44	21%	61%	39%	
SCRC11_014	19	20	70.39	57.47	13.49	7.76	3.33	14.98	2.70	1.07	43.86	10.39	13.86	2.52	1.14	6.75	59.05	6.90	4.67	10.14	308.76	238.37	182.10	126.66	122.24	18%	59%	41%	
SCRC11_014	20	21	84.39	150.12	22.04	13.15	5.38	26.28	4.58	1.68	104.04	26.82	23.42	4.10	1.86	10.38	129.53	7.67	5.23	9.08	607.79	523.40	365.37	242.42	265.10	22%	60%	40%	
SCRC11_014	21	22	109.20	89.72	22.95	14.07	5.27	25.47	4.88	1.75	77.68	17.64	22.15	4.22	1.95	10.89	130.80	7.36	5.69	8.73	538.65	429.44	294.25	244.40	240.93	18%	55%	45%	
SCRC11_014	22	23	95.32	42.69	20.03	12.41	4.56	21.50	4.34	1.54	56.10	12.32	17.86	3.63	1.71	9.36	118.99	11.20	5.23	8.02	422.37	327.04	206.44	215.92	203.32	16%	49%	51%	
SCRC11_014	23	24	31.32	15.95	6.86	4.33	1.62	6.94	1.50	0.58	16.91	3.84	5.58	1.21	0.63	3.58	36.45	66.26	2.28	2.71	137.31	105.98	68.03	69.28	63.05	15%	50%	50%	
SCRC11_014	24	25	35.01	23.10	11.37	7.35	2.44	11.38	2.57	0.90	25.78	5.69	8.22	2.00	1.01	5.42	73.27	92.64	1.14	4.36	215.51	180.50	89.58	125.93	114.87	15%	42%	58%	
SCRC11_014	25	26	13.08	25.45	11.76	8.53	2.18	11.70	2.89	1.03	23.68	5.34	6.77	1.99	1.13	5.86	114.93	88.35	1.48	5.31	236.32	223.24	67.55	168.77	154.53	12%	29%	71%	
SCRC11_014	26	27	26.53	35.77	9.69	6.85	1.73	11.42	2.37	0.81	25.54	5.80	5.77	1.68	0.88	4.55	100.32	14.11	6.14	15.21	239.72	213.19	93.65	146.08	138.96	13%	39%	61%	
SCRC11_014	27	28	55.89	47.15	9.25	5.66	2.03	12.51	2.06	0.64	36.74	8.43	7.43	1.75	0.73	3.72	56.13	37.27	5.58	12.97	250.12	194.23	148.21	101.91	105.90	18%	59%	41%	
SCRC11_014	28	29	57.24	19.59	5.67	3.53	1.47	5.82	1.12	0.42	19.95	5.16	4.26	0.96	0.45	2.80	31.87	50.62	4.55	9.79	160.31	103.07	101.93	58.38	59.92	16%	64%	36%	
SCRC11_014	29	30	46.56	35.07	7.63	4.89	2.11	8.77	1.57	0.55	33.01	8.67	6.68	1.35	0.59	3.68	54.10	14.26	5.69	7.67	215.23	168.67	123.31	91.92	98.20	19%	57%	43%	
SCRC11_014	30	31	48.03	19.35	4.04	2.47	1.20	3.98	0.82	0.32	17.03	4.76	3.66	0.69	0.33	2.23	28.57	35.28	6.60	2.95	137.50	89.47	89.17	48.33	51.54	16%	65%	35%	
SCRC11_014	31	32	48.03	19.35	4.04	2.47	1.20	3.98	0.82	0.32	17.03	4.76	3.66	0.69	0.33	2.23	28.57	35.28	6.60	2.95	137.50	89.47	89.17	48.33	51.54	16%	65%	35%	
SCRC11_014	32	33	48.03	19.35	4.04	2.47	1.20	3.98	0.82	0.32	17.03	4.76	3.66	0.69	0.33	2.23	28.57	35.28	6.60	2.95	137.50	89.47	89.17	48.33	51.54	16%	65%	35%	
SCRC11_014	33	34	48.03	19.35	4.04	2.47	1.20	3.98	0.82	0.32	17.03	4.76	3.66	0.69	0.33	2.23	28.57	35.28	6.60	2.95	137.50	89.47	89.17	48.33	51.54	16%	65%	35%	
SCRC11_014	34	35	17.57	8.56	3.89	2.17	1.44	3.64	0.77	0.25	12.13	2.89	3.36	0.66	0.30	1.88	22.73	57.36	0.57	0.35	82.23	64.67	41.15	41.09	40.85	18%	50%	50%	
SCRC11_014	35	36	17.57	8.56	3.89	2.17	1.44	3.64	0.77	0.25	12.13	2.89	3.36	0.66	0.30	1.88	22.73	57.36	0.57	0.35	82.23	64.67	41.15	41.09	40.85	18%	50%	50%	
SCRC11_014	36	37	17.57	8.56	3.89	2.17	1.44	3.64	0.77	0.25	12.13	2.89	3.36	0.66	0.30	1.88	22.73	57.36	0.57	0.35	82.23	64.67	41.15	41.09	40.85	18%	50%	50%	
SCRC11_014	37	38	17.57	8.56	3.89	2.17	1.44	3.64	0.77	0.25	12.13	2.89	3.36	0.66	0.30	1.88	22.73	57.36	0.57	0.35	82.23	64.67	41.15	41.09	40.85	18%	50%	50%	
SCRC11_014	38	39	23.34	9.03	5.03	2.84	1.97	4.60	1.00	0.33	13.53	3.08	4.20	0.86	0.38	2.45	28.57	56.75	0.68	1.06	101.19	77.85	48.98	52.21	49.96	16%	48%	52%	
SCRC11_014	39	40	23.34	9.03	5.03	2.84	1.97	4.60	1.00	0.33	13.53	3.08	4.20	0.86	0.38	2.45	28												

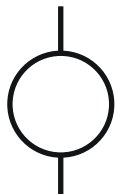
Hole Id	From (m)	To (m)	CeO ₂ (ppm)	La ₂ O ₃ (ppm)	Dy ₂ O ₃ (ppm)	Er ₂ O ₃ (ppm)	Eu ₂ O ₃ (ppm)	Gd ₂ O ₃ (ppm)	Ho ₂ O ₃ (ppm)	Lu ₂ O ₃ (ppm)	Nd ₂ O ₃ (ppm)	Pr ₂ O ₃ (ppm)	Sm ₂ O ₃ (ppm)	Tb ₂ O ₃ (ppm)	Tm ₂ O ₃ (ppm)	Yb ₂ O ₃ (ppm)	Y ₂ O ₃ (ppm)	Sc ₂ O ₃ (ppm)	ThO ₂ (ppm)	U ₃ O ₈ (ppm)	TREO (ppm)	TREO-CeO ₂ (ppm)	LREO (ppm)	HREO (ppm)	CREO (ppm)	NdPr (%)	%LREO	%HREO	
			1	1	0.5	1	0.5	1	1	0.5	0.5	1	0.5	0.5	1	1	1	1	1	1									
SCRC11_014	42	43	102.94	37.18	4.98	2.93	1.63	5.44	0.97	0.36	27.64	7.93	5.45	0.89	0.40	2.62	30.22	28.22	6.14	1.77	231.59	128.65	175.69	55.91	65.37	15%	76%	24%	
SCRC11_014	43	44	102.94	37.18	4.98	2.93	1.63	5.44	0.97	0.36	27.64	7.93	5.45	0.89	0.40	2.62	30.22	28.22	6.14	1.77	231.59	128.65	175.69	55.91	65.37	15%	76%	24%	
SCRC11_014	44	45	102.94	37.18	4.98	2.93	1.63	5.44	0.97	0.36	27.64	7.93	5.45	0.89	0.40	2.62	30.22	28.22	6.14	1.77	231.59	128.65	175.69	55.91	65.37	15%	76%	24%	
SCRC11_014	45	46	102.94	37.18	4.98	2.93	1.63	5.44	0.97	0.36	27.64	7.93	5.45	0.89	0.40	2.62	30.22	28.22	6.14	1.77	231.59	128.65	175.69	55.91	65.37	15%	76%	24%	
SCRC11_015	0	1	31.20	16.42	4.17	2.62	1.12	3.78	0.82	0.36	17.50	5.03	4.08	0.71	0.39	2.72	23.49	22.09	15.02	2.24	114.41	83.21	70.14	44.27	46.98	20%	61%	39%	
SCRC11_015	1	2	31.20	16.42	4.17	2.62	1.12	3.78	0.82	0.36	17.50	5.03	4.08	0.71	0.39	2.72	23.49	22.09	15.02	2.24	114.41	83.21	70.14	44.27	46.98	20%	61%	39%	
SCRC11_015	2	3	31.20	16.42	4.17	2.62	1.12	3.78	0.82	0.36	17.50	5.03	4.08	0.71	0.39	2.72	23.49	22.09	15.02	2.24	114.41	83.21	70.14	44.27	46.98	20%	61%	39%	
SCRC11_015	3	4	31.20	16.42	4.17	2.62	1.12	3.78	0.82	0.36	17.50	5.03	4.08	0.71	0.39	2.72	23.49	22.09	15.02	2.24	114.41	83.21	70.14	44.27	46.98	20%	61%	39%	
SCRC11_015	4	5	154.16	93.35	7.80	3.20	3.40	11.32	1.20	0.28	71.97	20.66	14.67	1.67	0.39	2.39	36.19	30.83	8.08	2.12	422.67	268.51	340.15	82.53	121.04	22%	80%	20%	
SCRC11_015	5	6	154.16	93.35	7.80	3.20	3.40	11.32	1.20	0.28	71.97	20.66	14.67	1.67	0.39	2.39	36.19	30.83	8.08	2.12	422.67	268.51	340.15	82.53	121.04	22%	80%	20%	
SCRC11_015	6	7	154.16	93.35	7.80	3.20	3.40	11.32	1.20	0.28	71.97	20.66	14.67	1.67	0.39	2.39	36.19	30.83	8.08	2.12	422.67	268.51	340.15	82.53	121.04	22%	80%	20%	
SCRC11_015	7	8	154.16	93.35	7.80	3.20	3.40	11.32	1.20	0.28	71.97	20.66	14.67	1.67	0.39	2.39	36.19	30.83	8.08	2.12	422.67	268.51	340.15	82.53	121.04	22%	80%	20%	
SCRC11_015	8	9	237.70	170.06	37.87	22.01	12.16	42.65	7.37	2.32	193.04	46.52	46.96	6.85	2.94	17.93	311.13	26.53	5.69	3.30	1157.49	919.79	647.31	510.18	561.04	21%	56%	44%	
SCRC11_015	9	10	237.70	170.06	37.87	22.01	12.16	42.65	7.37	2.32	193.04	46.52	46.96	6.85	2.94	17.93	311.13	26.53	5.69	3.30	1157.49	919.79	647.31	510.18	561.04	21%	56%	44%	
SCRC11_015	10	11	237.70	170.06	37.87	22.01	12.16	42.65	7.37	2.32	193.04	46.52	46.96	6.85	2.94	17.93	311.13	26.53	5.69	3.30	1157.49	919.79	647.31	510.18	561.04	21%	56%	44%	
SCRC11_015	11	12	237.70	170.06	37.87	22.01	12.16	42.65	7.37	2.32	193.04	46.52	46.96	6.85	2.94	17.93	311.13	26.53	5.69	3.30	1157.49	919.79	647.31	510.18	561.04	21%	56%	44%	
SCRC11_015	12	13	49.87	33.19	6.31	4.23	1.75	6.27	1.35	0.43	41.64	10.26	7.36	1.05	0.57	3.46	63.50	10.43	3.76	1.65	231.25	181.37	134.96	96.28	114.24	22%	58%	42%	
SCRC11_015	13	14	49.87	33.19	6.31	4.23	1.75	6.27	1.35	0.43	41.64	10.26	7.36	1.05	0.57	3.46	63.50	10.43	3.76	1.65	231.25	181.37	134.96	96.28	114.24	22%	58%	42%	
SCRC11_015	14	15	49.87	33.19	6.31	4.23	1.75	6.27	1.35	0.43	41.64	10.26	7.36	1.05	0.57	3.46	63.50	10.43	3.76	1.65	231.25	181.37	134.96	96.28	114.24	22%	58%	42%	
SCRC11_015	15	16	49.87	33.19	6.31	4.23	1.75	6.27	1.35	0.43	41.64	10.26	7.36	1.05	0.57	3.46	63.50	10.43	3.76	1.65	231.25	181.37	134.96	96.28	114.24	22%	58%	42%	
SCRC11_015	16	17	21.37	25.68	4.21	2.41	1.49	4.73	0.80	0.30	26.13	6.69	5.38	0.75	0.34	2.35	25.27	56.75	4.78	6.96	127.91	106.54	79.88	48.03	57.86	26%	62%	38%	
SCRC11_015	17	18	21.37	25.68	4.21	2.41	1.49	4.73	0.80	0.30	26.13	6.69	5.38	0.75	0.34	2.35	25.27	56.75	4.78	6.96	127.91	106.54	79.88	48.03	57.86	26%	62%	38%	
SCRC11_015	18	19	89.92	40.58	10.48	7.18	2.85	9.82	2.14	0.93	46.31	10.90	10.65	1.78	0.96	6.48	71.24	66.57	11.04	14.74	312.21	222.29	187.70	124.50	132.65	18%	60%	40%	
SCRC11_015	19	20	92.99	22.99	10.74	6.47	3.40	11.15	2.00	0.81	47.71	9.75	12.64	1.95	0.86	5.85	53.34	32.36	6.71	23.11	282.65	189.66	173.43	109.21	117.14	20%	61%	39%	
SCRC11_015	20	21	100.73	34.25	29.84	19.95	7.05	26.74	6.23	2.26	81.41	15.65	23.42	4.99	2.60	16.06	194.29	32.82	6.26	10.02	565.48	464.75	232.04	333.45	317.59	17%	41%	59%	
SCRC11_015	21	22	155.39	143.67	29.73	16.35	11.98	39.42	5.09	1.72	262.44	66.93	44.41	5.72	1.98	12.70	117.72	61.35	3.76	5.54	915.24	759.85	628.43	286.80	427.59	36%	69%	31%	
SCRC11_015	22	23	37.96	32.72	10.67	6.86	2.71	9.90	2.14	0.80	38.84	9.15	8.92	1.80	0.88	5.80	55.75	82.21	1.71	2.95	224.89	186.93	118.67	106.22	109.77	21%	53%	47%	
SCRC11_015	23	24	50.12	10.09	23.30	14.47	4.72	19.88	4.98	1.82	45.02	7.21	14.38	3.90	2.01	12.24	124.96	84.36	0.91	3.54	339.11	288.99	112.44	226.67	201.91	15%	33%	67%	
SCRC11_015	24	25	62.53	27.44	30.07	18.81	5.92	27.66	6.54	2.32	63.69	11.85	17.63	5.12	2.54	15.03	180.96	37.27	4.67	6.13	478.10	415.57	165.51	312.59	285.75	16%	35%	65%	
SCRC11_015	25	26	99.25	123.73	23.18	13.72	5.56	24.78	4.75	1.66	99.73	23.92	19.31	4.12	1.83	11.00	118.99	20.71	8.19	7.43	575.53	476.28	346.63	228.90	251.57	21%	60%	40%	
SCRC11_015	26	27	26.90	15.83	12.57	8.22	2.84	12.62	2.59	0.92	38.96	7.90	9.59	2.18	1.04	6.17	62.99	96.48	0.91	4.48	211.31	184.41	89.59	121.72	119.52	22%	42%	58%	
SCRC11_015	27	28	57.98	25.45	16.13	11.24	3.61	15.62	3.48	1.38	47.94	9.87	11.89	2.69	1.46	9.11	96.77	108.75	2.05	4.84	314.61	256.63	141.24	173.37	167.14	18%	45%	55%	
SCRC11_015	28	29	95.69	34.48	25.13	15.78	6.45	26.86	5.03	1.73	100.89	20.96	24.12	4.47	1.94	11.96	158.10	16.72	5.12	10.38	533.60	437.90	252.03	281.57	295.05	23%	47%	53%	
SCRC11_015	29	30	44.47	21.34	11.33	6.20	3.33	12.79	2.04	0.76	54.12	11.95	13.16	2.15	0.81	5.50	35.43	9.20	5.80	13.92	225.39	180.92	131.88	93.51	106.37	29%	59%	41%	
SCRC11_015	30	31	117.56	241.60	13.72	6.71	5.87	23.63	2.16	0.69	167.96	46.64	24.00	2.91	0.77	4.89	46.10	11.20	7.17	13.92	705.19	587.64	573.75	131.44	236.55	30%	81%	19%	
SCRC11_015	31	32	83.29	94.18	20.83	14.29	4.46	20.80	4.46	1.56	76.28	20.18	15.13	3.47	1.76	10.60	174.61	8.74	6.60	21.58	545.90	462.61	273.92	271.97	279.65	18%	50%	50%	
SCRC11_015	32	33	68.91	28.38	9.78	5.68	2.76	10.44	1.74	0.74	49.34	12.08	10.65	1.78	0.77	5.22	33.78	6.29	4.21	14.62	242.04	173.12	158.72	83.32	97.43	25%	66%	34%	
SCRC11_015	33	34	64.74	20.64	7.53	4.55	1.99	7.70	1.41	0.57	31.96	7.65	6.93	1.34	0.61	4.02	28.06	7.21	4.55	9.43	189.70	124.96	124.99	64.71	70.89	21%	66%	34%	
SCRC11_015	34	35	56.02	20.88	7.23	4.44	2.41	7.75	1.42	0.53	30.33	6.91	6.37	1.29	0.56	3.43	32.13	34.51	2.96	6.84	181.68	125.66	114.13	67.55	73.39	20%	63%	37%	
SCRC11_015	35	36	36.48	34.36	8.23	4.69	3.64	9.56	1.58	0.55	37.56	9.16	8.15	1.49	0.57	3.42	29.08	62.43	0.91	5.19	188.51	152.03	117.56	70.95	80.00	25%	62%	38%	
SCRC11_015	36	37	26.41	17.94	4.82	3.13	1.62	5.06	1.00	0.38	18.90	4.58	4.28	0.84	0.40	2.46	27.81	69.48	1.48	5.07	119.62	93.21	67.83	51.79	53.98	20%	57%	43%	
SCRC11_015	37	38																											

Hole Id	From (m)	To (m)	CeO ₂ (ppm)	La ₂ O ₃ (ppm)	Dy ₂ O ₃ (ppm)	Er ₂ O ₃ (ppm)	Eu ₂ O ₃ (ppm)	Gd ₂ O ₃ (ppm)	Ho ₂ O ₃ (ppm)	Lu ₂ O ₃ (ppm)	Nd ₂ O ₃ (ppm)	Pr ₂ O ₃ (ppm)	Sm ₂ O ₃ (ppm)	Tb ₂ O ₃ (ppm)	Tm ₂ O ₃ (ppm)	Yb ₂ O ₃ (ppm)	Y ₂ O ₃ (ppm)	Sc ₂ O ₃ (ppm)	ThO ₂ (ppm)	U ₃ O ₈ (ppm)	TREO (ppm)	TREO-CeO ₂ (ppm)	LREO (ppm)	HREO (ppm)	CREO (ppm)	NdPr (%)	%LREO	%HREO
SCRC11_015	40	41	72.60	29.79	5.38	3.20	1.68	5.47	1.08	0.42	24.73	7.12	5.00	0.92	0.43	2.87	34.92	33.90	8.65	2.95	195.61	123.01	134.23	61.38	67.63	16%	69%	31%
SCRC11_015	41	42	72.60	29.79	5.38	3.20	1.68	5.47	1.08	0.42	24.73	7.12	5.00	0.92	0.43	2.87	34.92	33.90	8.65	2.95	195.61	123.01	134.23	61.38	67.63	16%	69%	31%
SCRC11_015	42	43	81.32	31.43	5.06	3.11	1.33	5.06	1.03	0.45	24.61	7.41	4.74	0.87	0.45	2.99	32.00	11.35	10.35	6.25	201.87	120.55	144.77	57.10	63.88	16%	72%	28%
SCRC11_015	43	44	81.32	31.43	5.06	3.11	1.33	5.06	1.03	0.45	24.61	7.41	4.74	0.87	0.45	2.99	32.00	11.35	10.35	6.25	201.87	120.55	144.77	57.10	63.88	16%	72%	28%
SCRC11_015	44	45	81.32	31.43	5.06	3.11	1.33	5.06	1.03	0.45	24.61	7.41	4.74	0.87	0.45	2.99	32.00	11.35	10.35	6.25	201.87	120.55	144.77	57.10	63.88	16%	72%	28%
SCRC11_015	45	46	81.32	31.43	5.06	3.11	1.33	5.06	1.03	0.45	24.61	7.41	4.74	0.87	0.45	2.99	32.00	11.35	10.35	6.25	201.87	120.55	144.77	57.10	63.88	16%	72%	28%
SCRC11_015	46	47	19.29	8.21	3.89	2.26	1.29	3.35	0.78	0.30	9.96	2.38	2.77	0.65	0.31	2.04	21.84	43.87	1.71	0.94	78.92	59.63	39.44	39.48	37.23	15%	50%	50%
SCRC11_015	47	48	19.29	8.21	3.89	2.26	1.29	3.35	0.78	0.30	9.96	2.38	2.77	0.65	0.31	2.04	21.84	43.87	1.71	0.94	78.92	59.63	39.44	39.48	37.23	15%	50%	50%
SCRC11_015	48	49	19.29	8.21	3.89	2.26	1.29	3.35	0.78	0.30	9.96	2.38	2.77	0.65	0.31	2.04	21.84	43.87	1.71	0.94	78.92	59.63	39.44	39.48	37.23	15%	50%	50%
SCRC11_016	0	1	21.07	17.83	1.99	1.18	0.59	2.02	0.39	0.17	9.80	3.18	2.02	0.34	0.17	1.17	11.94	34.66	10.24	4.01	73.84	52.77	51.87	21.97	24.65	18%	70%	30%
SCRC11_016	1	2	21.07	17.83	1.99	1.18	0.59	2.02	0.39	0.17	9.80	3.18	2.02	0.34	0.17	1.17	11.94	34.66	10.24	4.01	73.84	52.77	51.87	21.97	24.65	18%	70%	30%
SCRC11_016	2	3	21.07	17.83	1.99	1.18	0.59	2.02	0.39	0.17	9.80	3.18	2.02	0.34	0.17	1.17	11.94	34.66	10.24	4.01	73.84	52.77	51.87	21.97	24.65	18%	70%	30%
SCRC11_016	3	4	21.07	17.83	1.99	1.18	0.59	2.02	0.39	0.17	9.80	3.18	2.02	0.34	0.17	1.17	11.94	34.66	10.24	4.01	73.84	52.77	51.87	21.97	24.65	18%	70%	30%
SCRC11_016	4	5	15.97	12.08	1.45	0.96	0.41	1.31	0.30	0.18	6.42	2.16	1.38	0.24	0.16	1.21	9.02	35.89	17.18	3.07	53.23	37.26	36.63	16.60	17.52	16%	69%	31%
SCRC11_016	5	6	15.97	12.08	1.45	0.96	0.41	1.31	0.30	0.18	6.42	2.16	1.38	0.24	0.16	1.21	9.02	35.89	17.18	3.07	53.23	37.26	36.63	16.60	17.52	16%	69%	31%
SCRC11_016	6	7	15.97	12.08	1.45	0.96	0.41	1.31	0.30	0.18	6.42	2.16	1.38	0.24	0.16	1.21	9.02	35.89	17.18	3.07	53.23	37.26	36.63	16.60	17.52	16%	69%	31%
SCRC11_016	7	8	15.97	12.08	1.45	0.96	0.41	1.31	0.30	0.18	6.42	2.16	1.38	0.24	0.16	1.21	9.02	35.89	17.18	3.07	53.23	37.26	36.63	16.60	17.52	16%	69%	31%
SCRC11_016	8	9	50.24	35.07	8.27	5.32	1.95	7.25	1.73	0.76	34.76	10.63	7.26	1.34	0.79	5.33	50.16	35.12	19.00	3.54	220.86	170.61	130.70	90.16	96.48	21%	59%	41%
SCRC11_016	9	10	50.24	35.07	8.27	5.32	1.95	7.25	1.73	0.76	34.76	10.63	7.26	1.34	0.79	5.33	50.16	35.12	19.00	3.54	220.86	170.61	130.70	90.16	96.48	21%	59%	41%
SCRC11_016	10	11	50.24	35.07	8.27	5.32	1.95	7.25	1.73	0.76	34.76	10.63	7.26	1.34	0.79	5.33	50.16	35.12	19.00	3.54	220.86	170.61	130.70	90.16	96.48	21%	59%	41%
SCRC11_016	11	12	50.24	35.07	8.27	5.32	1.95	7.25	1.73	0.76	34.76	10.63	7.26	1.34	0.79	5.33	50.16	35.12	19.00	3.54	220.86	170.61	130.70	90.16	96.48	21%	59%	41%
SCRC11_016	12	13	335.35	157.16	14.86	6.91	4.93	18.15	2.52	0.75	91.56	29.12	19.60	2.89	0.89	5.58	72.77	45.55	19.69	3.42	763.04	427.69	613.19	149.85	187.02	16%	80%	20%
SCRC11_016	13	14	335.35	157.16	14.86	6.91	4.93	18.15	2.52	0.75	91.56	29.12	19.60	2.89	0.89	5.58	72.77	45.55	19.69	3.42	763.04	427.69	613.19	149.85	187.02	16%	80%	20%
SCRC11_016	14	15	335.35	157.16	14.86	6.91	4.93	18.15	2.52	0.75	91.56	29.12	19.60	2.89	0.89	5.58	72.77	45.55	19.69	3.42	763.04	427.69	613.19	149.85	187.02	16%	80%	20%
SCRC11_016	15	16	335.35	157.16	14.86	6.91	4.93	18.15	2.52	0.75	91.56	29.12	19.60	2.89	0.89	5.58	72.77	45.55	19.69	3.42	763.04	427.69	613.19	149.85	187.02	16%	80%	20%
SCRC11_016	16	17	118.66	95.94	6.50	3.73	1.59	6.40	1.28	0.41	37.32	12.99	5.72	1.09	0.50	3.10	46.22	21.17	2.62	2.00	341.45	222.78	264.91	76.53	92.73	15%	78%	22%
SCRC11_016	17	18	118.66	95.94	6.50	3.73	1.59	6.40	1.28	0.41	37.32	12.99	5.72	1.09	0.50	3.10	46.22	21.17	2.62	2.00	341.45	222.78	264.91	76.53	92.73	15%	78%	22%
SCRC11_016	18	19	118.66	95.94	6.50	3.73	1.59	6.40	1.28	0.41	37.32	12.99	5.72	1.09	0.50	3.10	46.22	21.17	2.62	2.00	341.45	222.78	264.91	76.53	92.73	15%	78%	22%
SCRC11_016	19	20	118.66	95.94	6.50	3.73	1.59	6.40	1.28	0.41	37.32	12.99	5.72	1.09	0.50	3.10	46.22	21.17	2.62	2.00	341.45	222.78	264.91	76.53	92.73	15%	78%	22%
SCRC11_016	20	21	303.41	183.54	165.84	94.57	35.32	138.89	33.91	8.99	324.26	67.06	103.78	26.82	11.59	66.50	1454.04	83.90	7.28	4.72	3018.52	2715.10	878.27	2140.25	2006.27	13%	29%	71%
SCRC11_016	21	22	303.41	183.54	165.84	94.57	35.32	138.89	33.91	8.99	324.26	67.06	103.78	26.82	11.59	66.50	1454.04	83.90	7.28	4.72	3018.52	2715.10	878.27	2140.25	2006.27	13%	29%	71%
SCRC11_016	22	23	303.41	183.54	165.84	94.57	35.32	138.89	33.91	8.99	324.26	67.06	103.78	26.82	11.59	66.50	1454.04	83.90	7.28	4.72	3018.52	2715.10	878.27	2140.25	2006.27	13%	29%	71%
SCRC11_016	23	24	303.41	183.54	165.84	94.57	35.32	138.89	33.91	8.99	324.26	67.06	103.78	26.82	11.59	66.50	1454.04	83.90	7.28	4.72	3018.52	2715.10	878.27	2140.25	2006.27	13%	29%	71%
SCRC11_016	24	25	30.34	12.55	41.20	26.64	6.11	24.90	9.00	3.25	34.88	6.58	15.19	5.95	3.85	24.03	313.67	31.60	2.50	4.95	558.15	527.80	84.35	473.79	401.81	7%	15%	85%
SCRC11_016	25	26	30.34	12.55	41.20	26.64	6.11	24.90	9.00	3.25	34.88	6.58	15.19	5.95	3.85	24.03	313.67	31.60	2.50	4.95	558.15	527.80	84.35	473.79	401.81	7%	15%	85%
SCRC11_016	26	27	30.34	12.55	41.20	26.64	6.11	24.90	9.00	3.25	34.88	6.58	15.19	5.95	3.85	24.03	313.67	31.60	2.50	4.95	558.15	527.80	84.35	473.79	401.81	7%	15%	85%
SCRC11_016	27	28	30.34	12.55	41.20	26.64	6.11	24.90	9.00	3.25	34.88	6.58	15.19	5.95	3.85	24.03	313.67	31.60	2.50	4.95	558.15	527.80	84.35	473.79	401.81	7%	15%	85%
SCRC11_016	28	29	102.20	64.50	54.06	36.36	11.03	44.14	12.03	4.57	104.74	22.77	31.66	8.82	5.32	31.31	556.22	42.79	8.65	9.32	1089.75	987.55	294.22	795.53	734.87	12%	27%	73%
SCRC11_016	29	30	102.20	64.50	54.06	36.36	11.03	44.14	12.03	4.57	104.74	22.77	31.66	8.82	5.32	31.31	556.22	42.79	8.65	9.32	1089.75	987.55	294.22	795.53	734.87	12%	27%	73%
SCRC11_016	30	31	102.20	64.50	54.06	36.36	11.03	44.14	12.03	4.57	104.74	22.77	31.66	8.82	5.32	31.31	556.22	42.79	8.65	9.32	1089.75	987.55	294.22	795.53	734.87	12%	27%	73%
SCRC11_016	31	32	102.20	64.50	54.06	36.36	11.03	44.14	12.03	4.57	104.74	22.77	31.66	8.82	5.32	31.31	556.22	42.79	8.65	9.32	1089.75	987.55	294.22	795.53	734.87	12%	27%	73%
SCRC11_016	32	33	59.70	23.93	15.03	9.95	3.54	13.60	3.10	1.23	38.96	8.18	10.66	2.55	1.31	8.60	79.88	54.60	7.97	5.66	280.22	220.52	130.76	149.46				

Hole Id	From (m)	To (m)	CeO ₂ (ppm)	La ₂ O ₃ (ppm)	Dy ₂ O ₃ (ppm)	Er ₂ O ₃ (ppm)	Eu ₂ O ₃ (ppm)	Gd ₂ O ₃ (ppm)	Ho ₂ O ₃ (ppm)	Lu ₂ O ₃ (ppm)	Nd ₂ O ₃ (ppm)	Pr ₂ O ₃ (ppm)	Sm ₂ O ₃ (ppm)	Tb ₂ O ₃ (ppm)	Tm ₂ O ₃ (ppm)	Yb ₂ O ₃ (ppm)	Y ₂ O ₃ (ppm)	Sc ₂ O ₃ (ppm)	ThO ₂ (ppm)	U ₃ O ₈ (ppm)	TREO (ppm)	TREO-CeO ₂ (ppm)	LREO (ppm)	HREO (ppm)	CREO (ppm)	NdPr (%)	%LREO	%HREO
SCRC11_016	35	36	118.54	18.76	10.94	7.08	2.69	11.46	2.25	0.83	34.18	6.67	8.29	1.94	0.90	5.84	56.00	66.87	4.10	6.37	286.36	167.82	178.15	108.21	105.74	14%	62%	38%
SCRC11_016	36	37	33.78	70.37	7.07	4.67	1.97	8.30	1.44	0.58	41.06	12.14	6.69	1.24	0.59	3.89	41.65	61.05	1.82	3.18	235.44	201.66	157.35	78.09	92.98	23%	67%	33%
SCRC11_016	37	38	36.11	13.49	8.70	6.12	1.95	9.05	1.87	0.73	27.06	5.24	6.03	1.47	0.78	4.86	57.27	69.94	1.37	5.42	180.72	144.61	81.91	98.82	96.45	18%	45%	55%
SCRC11_016	38	39	104.91	26.04	11.71	7.58	2.67	12.79	2.42	0.88	41.76	8.93	8.67	2.05	0.94	5.80	64.76	15.03	9.22	9.67	301.89	196.99	181.63	120.27	122.95	17%	60%	40%
SCRC11_016	39	40	70.63	29.79	15.21	9.21	3.58	16.02	2.96	1.01	54.35	11.56	11.71	2.69	1.15	7.24	50.67	13.50	7.51	10.61	287.79	217.15	166.34	121.45	126.50	23%	58%	42%
SCRC11_016	40	41	111.05	44.68	17.85	10.58	4.34	19.77	3.52	1.14	72.78	15.71	14.67	3.21	1.29	7.98	61.34	18.10	9.10	12.62	389.90	278.85	244.22	145.68	159.52	23%	63%	37%
SCRC11_016	41	42	21.62	21.46	9.54	6.04	2.19	10.74	1.97	0.64	32.66	6.86	6.61	1.65	0.73	4.28	37.46	63.65	1.14	8.37	164.45	142.83	82.60	81.84	83.49	24%	50%	50%
SCRC11_016	42	43	78.74	35.42	14.63	9.24	3.81	16.25	2.99	1.07	57.39	12.44	11.71	2.55	1.15	6.96	63.62	27.30	6.49	15.92	317.98	239.24	183.99	133.99	142.00	22%	58%	42%
SCRC11_017	0	1	30.71	15.83	4.18	2.48	1.26	4.21	0.86	0.33	16.45	4.37	3.35	0.71	0.34	2.20	25.27	28.07	3.19	7.19	112.55	81.84	67.36	45.19	47.86	18%	60%	40%
SCRC11_017	1	2	30.71	15.83	4.18	2.48	1.26	4.21	0.86	0.33	16.45	4.37	3.35	0.71	0.34	2.20	25.27	28.07	3.19	7.19	112.55	81.84	67.36	45.19	47.86	18%	60%	40%
SCRC11_017	2	3	30.71	15.83	4.18	2.48	1.26	4.21	0.86	0.33	16.45	4.37	3.35	0.71	0.34	2.20	25.27	28.07	3.19	7.19	112.55	81.84	67.36	45.19	47.86	18%	60%	40%
SCRC11_017	3	4	30.71	15.83	4.18	2.48	1.26	4.21	0.86	0.33	16.45	4.37	3.35	0.71	0.34	2.20	25.27	28.07	3.19	7.19	112.55	81.84	67.36	45.19	47.86	18%	60%	40%
SCRC11_017	4	5	7.28	3.52	1.97	1.13	0.64	1.71	0.39	0.20	3.73	0.97	1.26	0.33	0.16	1.09	15.75	9.66	3.98	7.78	40.14	32.85	15.50	24.64	22.42	12%	39%	61%
SCRC11_017	5	6	7.28	3.52	1.97	1.13	0.64	1.71	0.39	0.20	3.73	0.97	1.26	0.33	0.16	1.09	15.75	9.66	3.98	7.78	40.14	32.85	15.50	24.64	22.42	12%	39%	61%
SCRC11_017	6	7	7.28	3.52	1.97	1.13	0.64	1.71	0.39	0.20	3.73	0.97	1.26	0.33	0.16	1.09	15.75	9.66	3.98	7.78	40.14	32.85	15.50	24.64	22.42	12%	39%	61%
SCRC11_017	7	8	7.28	3.52	1.97	1.13	0.64	1.71	0.39	0.20	3.73	0.97	1.26	0.33	0.16	1.09	15.75	9.66	3.98	7.78	40.14	32.85	15.50	24.64	22.42	12%	39%	61%
SCRC11_017	8	9	5.63	3.28	1.81	1.20	0.46	1.30	0.39	0.22	3.03	0.77	0.92	0.28	0.18	1.25	18.41	8.74	2.73	5.07	39.15	33.52	12.72	26.43	24.01	10%	32%	68%
SCRC11_017	9	10	5.63	3.28	1.81	1.20	0.46	1.30	0.39	0.22	3.03	0.77	0.92	0.28	0.18	1.25	18.41	8.74	2.73	5.07	39.15	33.52	12.72	26.43	24.01	10%	32%	68%
SCRC11_017	10	11	5.63	3.28	1.81	1.20	0.46	1.30	0.39	0.22	3.03	0.77	0.92	0.28	0.18	1.25	18.41	8.74	2.73	5.07	39.15	33.52	12.72	26.43	24.01	10%	32%	68%
SCRC11_017	11	12	5.63	3.28	1.81	1.20	0.46	1.30	0.39	0.22	3.03	0.77	0.92	0.28	0.18	1.25	18.41	8.74	2.73	5.07	39.15	33.52	12.72	26.43	24.01	10%	32%	68%
SCRC11_017	12	13	3.53	2.11	0.80	0.50	0.14	0.60	0.17	0.08	1.63	0.47	0.45	0.13	0.07	0.49	7.87	12.88	1.48	1.30	19.05	15.52	7.74	11.31	10.58	11%	41%	59%
SCRC11_017	13	14	3.53	2.11	0.80	0.50	0.14	0.60	0.17	0.08	1.63	0.47	0.45	0.13	0.07	0.49	7.87	12.88	1.48	1.30	19.05	15.52	7.74	11.31	10.58	11%	41%	59%
SCRC11_017	14	15	3.53	2.11	0.80	0.50	0.14	0.60	0.17	0.08	1.63	0.47	0.45	0.13	0.07	0.49	7.87	12.88	1.48	1.30	19.05	15.52	7.74	11.31	10.58	11%	41%	59%
SCRC11_017	15	16	3.53	2.11	0.80	0.50	0.14	0.60	0.17	0.08	1.63	0.47	0.45	0.13	0.07	0.49	7.87	12.88	1.48	1.30	19.05	15.52	7.74	11.31	10.58	11%	41%	59%
SCRC11_017	16	17	2.08	1.52	0.64	0.45	0.12	0.46	0.15	0.07	1.05	0.30	0.28	0.09	0.07	0.43	7.11	12.58	1.02	2.24	14.82	12.74	4.95	9.87	9.01	9%	33%	67%
SCRC11_017	17	18	2.08	1.52	0.64	0.45	0.12	0.46	0.15	0.07	1.05	0.30	0.28	0.09	0.07	0.43	7.11	12.58	1.02	2.24	14.82	12.74	4.95	9.87	9.01	9%	33%	67%
SCRC11_017	18	19	2.08	1.52	0.64	0.45	0.12	0.46	0.15	0.07	1.05	0.30	0.28	0.09	0.07	0.43	7.11	12.58	1.02	2.24	14.82	12.74	4.95	9.87	9.01	9%	33%	67%
SCRC11_018	1	2	38.45	12.90	3.47	2.36	1.03	3.54	0.76	0.28	13.41	3.21	3.05	0.59	0.30	1.88	24.76	18.87	4.32	3.30	109.98	71.54	67.98	42.01	43.26	15%	62%	38%
SCRC11_018	2	3	73.83	26.62	4.69	3.22	1.26	5.15	1.02	0.39	23.56	6.03	4.55	0.82	0.40	2.51	36.32	11.96	10.58	3.42	190.37	116.54	130.04	60.33	66.66	16%	68%	32%
SCRC11_018	3	4	90.29	39.88	3.65	1.78	1.31	4.91	0.62	0.26	31.14	9.98	5.52	0.73	0.24	1.64	18.92	18.71	17.41	3.77	210.87	120.58	171.29	39.58	55.75	20%	81%	19%
SCRC11_018	4	5	90.29	39.88	3.65	1.78	1.31	4.91	0.62	0.26	31.14	9.98	5.52	0.73	0.24	1.64	18.92	18.71	17.41	3.77	210.87	120.58	171.29	39.58	55.75	20%	81%	19%
SCRC11_018	5	6	90.29	39.88	3.65	1.78	1.31	4.91	0.62	0.26	31.14	9.98	5.52	0.73	0.24	1.64	18.92	18.71	17.41	3.77	210.87	120.58	171.29	39.58	55.75	20%	81%	19%
SCRC11_018	6	7	90.29	39.88	3.65	1.78	1.31	4.91	0.62	0.26	31.14	9.98	5.52	0.73	0.24	1.64	18.92	18.71	17.41	3.77	210.87	120.58	171.29	39.58	55.75	20%	81%	19%
SCRC11_018	7	8	59.45	24.16	3.37	1.83	1.27	3.82	0.63	0.26	20.41	5.98	3.91	0.61	0.25	1.64	18.29	41.57	7.74	3.07	145.89	86.43	110.01	35.88	43.96	18%	75%	25%
SCRC11_018	8	9	59.45	24.16	3.37	1.83	1.27	3.82	0.63	0.26	20.41	5.98	3.91	0.61	0.25	1.64	18.29	41.57	7.74	3.07	145.89	86.43	110.01	35.88	43.96	18%	75%	25%
SCRC11_018	9	10	59.45	24.16	3.37	1.83	1.27	3.82	0.63	0.26	20.41	5.98	3.91	0.61	0.25	1.64	18.29	41.57	7.74	3.07	145.89	86.43	110.01	35.88	43.96	18%	75%	25%
SCRC11_018	10	11	59.45	24.16	3.37	1.83	1.27	3.82	0.63	0.26	20.41	5.98	3.91	0.61	0.25	1.64	18.29	41.57	7.74	3.07	145.89	86.43	110.01	35.88	43.96	18%	75%	25%
SCRC11_018	11	12	100.73	42.22	4.09	2.07	1.47	5.44	0.71	0.30	33.83	10.69	6.11	0.81	0.27	1.84	21.46	20.40	18.55	3.89	232.04	131.31	187.47	44.57	61.65	19%	81%	19%
SCRC11_018	12	13	100.73	42.22	4.09	2.07	1.47	5.44	0.71	0.30	33.83	10.69	6.11	0.81	0.27	1.84	21.46	20.40	18.55	3.89	232.04	131.31	187.47	44.57	61.65	19%	81%	19%
SCRC11_018	13	14	100.73	42.22	4.09	2.07	1.47	5.44	0.71	0.30	33.83	10.69	6.11	0.81	0.27	1.84	21.46	20.40	18.55	3.89	232.04	131.31	187.47	44.57	61.65	19%	81%	19%
SCRC11_018	14	15	100.73	42.22	4.09	2.07	1.47	5.44	0.71	0.30	33.83	10.69	6.11	0.81	0.27	1.84	21.46	20.40	18.55	3.89	232.04	131.31	187.47	44.57	61.65	19%	81%	19%
SCRC11_018	15	16	100.73	42.22	4.09	2.07	1.47	5.44	0.71	0.30	33.83	10.69	6.11	0.81	0.27	1.84	21.46	20.40	18.55	3.89	232.04	131.31	187.47	44.57	61.65	19%	81%	19%
SCRC11_019	0	1	70.02	30.84	4.12	2.46	1.11	4.43	0.84	0.33	19.83	6.48	3.70	0.73	0.33	2.13	28.45	9.36	7.74	2.36	175.79	105.77	127.17	48.62	54.24	15%		

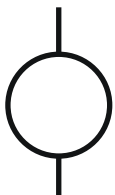
Hole Id	From (m)	To (m)	CeO ₂ (ppm)	La ₂ O ₃ (ppm)	Dy ₂ O ₃ (ppm)	Er ₂ O ₃ (ppm)	Eu ₂ O ₃ (ppm)	Gd ₂ O ₃ (ppm)	Ho ₂ O ₃ (ppm)	Lu ₂ O ₃ (ppm)	Nd ₂ O ₃ (ppm)	Pr ₂ O ₃ (ppm)	Sm ₂ O ₃ (ppm)	Tb ₂ O ₃ (ppm)	Tm ₂ O ₃ (ppm)	Yb ₂ O ₃ (ppm)	Y ₂ O ₃ (ppm)	Sc ₂ O ₃ (ppm)	ThO ₂ (ppm)	U ₃ O ₈ (ppm)	TREO (ppm)	TREO-CeO ₂ (ppm)	LREO (ppm)	HREO (ppm)	CREO (ppm)	NdPr (%)	%LREO	%HREO
SCRC11_019	2	3	117.80	43.28	6.99	4.87	1.74	7.73	1.52	0.57	38.61	10.62	6.89	1.25	0.59	3.64	52.83	29.60	12.40	5.07	298.93	181.13	210.31	88.62	101.41	16%	70%	30%
SCRC11_019	3	4	124.07	53.48	5.65	3.62	1.81	7.30	1.16	0.41	40.94	10.97	7.13	1.05	0.43	2.71	38.60	18.56	15.02	4.72	299.33	175.26	229.46	69.87	88.05	17%	77%	23%
SCRC11_019	4	5	88.44	35.89	3.76	2.47	1.34	4.88	0.78	0.31	29.74	8.09	5.23	0.72	0.30	1.97	24.76	17.49	15.02	3.66	208.69	120.24	162.17	46.52	60.33	18%	78%	22%
SCRC11_019	5	6	108.10	43.75	4.17	2.56	1.49	5.52	0.81	0.31	35.11	9.52	6.15	0.80	0.31	1.99	25.65	17.33	15.13	5.66	246.24	138.14	196.47	49.76	67.22	18%	80%	20%
SCRC11_019	6	7	127.14	47.97	4.96	3.27	1.71	6.39	1.01	0.40	40.47	10.86	7.04	0.93	0.41	2.66	30.99	17.95	15.82	8.02	286.21	159.07	226.44	59.76	79.06	18%	79%	21%
SCRC11_019	7	8	78.37	27.44	4.11	2.82	1.42	4.85	0.85	0.38	28.69	7.42	5.25	0.74	0.37	2.38	23.75	19.17	11.95	4.36	188.85	110.47	141.93	46.92	58.71	19%	75%	25%
SCRC11_019	8	9	120.63	49.02	4.03	2.62	1.62	5.75	0.79	0.33	39.77	10.98	6.69	0.79	0.32	2.12	24.89	19.63	16.61	3.54	270.36	149.73	220.41	49.95	71.10	19%	82%	18%
SCRC11_019	9	10	116.58	48.32	3.47	2.12	1.55	5.43	0.64	0.27	38.26	10.43	6.37	0.71	0.26	1.69	20.83	19.63	16.50	3.18	256.90	140.33	213.58	43.32	64.81	19%	83%	17%
SCRC11_019	10	11	99.01	41.75	2.81	1.82	1.31	4.46	0.55	0.23	32.08	8.80	5.17	0.56	0.22	1.45	17.52	17.03	15.25	3.07	217.73	118.72	181.63	36.10	54.29	19%	83%	17%
SCRC11_019	11	12	107.73	45.62	3.63	2.31	1.49	5.31	0.70	0.28	36.74	10.06	6.18	0.71	0.29	1.84	22.48	20.40	15.93	3.42	245.38	137.65	200.16	45.22	65.04	19%	82%	18%
SCRC11_019	12	13	100.85	39.88	4.35	2.87	1.46	5.44	0.89	0.36	33.59	9.04	5.89	0.81	0.35	2.29	28.70	20.25	13.77	3.30	236.78	135.93	183.36	53.42	68.91	18%	77%	23%
SCRC11_019	13	14	105.89	43.16	4.58	3.08	1.48	5.61	0.96	0.36	35.34	9.51	6.15	0.84	0.38	2.39	31.75	17.49	14.57	4.72	251.47	145.58	193.90	57.57	73.99	18%	77%	23%
SCRC11_019	14	15	103.06	39.99	4.15	2.77	1.38	5.19	0.87	0.33	32.89	8.90	5.73	0.76	0.34	2.16	28.06	17.95	15.13	4.36	236.60	133.54	184.85	51.75	67.25	18%	78%	22%
SCRC11_019	15	16	107.24	37.65	5.18	3.03	1.75	5.72	1.01	0.44	31.84	9.96	6.02	0.93	0.42	2.80	28.45	19.48	14.45	5.54	242.42	135.19	186.68	55.74	68.14	17%	77%	23%
SCRC11_019	16	17	107.24	37.65	5.18	3.03	1.75	5.72	1.01	0.44	31.84	9.96	6.02	0.93	0.42	2.80	28.45	19.48	14.45	5.54	242.42	135.19	186.68	55.74	68.14	17%	77%	23%
SCRC11_019	17	18	107.24	37.65	5.18	3.03	1.75	5.72	1.01	0.44	31.84	9.96	6.02	0.93	0.42	2.80	28.45	19.48	14.45	5.54	242.42	135.19	186.68	55.74	68.14	17%	77%	23%
SCRC11_019	18	19	107.24	37.65	5.18	3.03	1.75	5.72	1.01	0.44	31.84	9.96	6.02	0.93	0.42	2.80	28.45	19.48	14.45	5.54	242.42	135.19	186.68	55.74	68.14	17%	77%	23%
SCRC11_019	19	20	109.82	40.34	5.28	2.98	1.68	5.87	1.01	0.43	31.61	9.91	5.90	0.93	0.42	2.78	29.72	21.01	14.57	4.60	248.68	138.86	191.68	57.00	69.21	17%	77%	23%
SCRC11_019	20	21	109.82	40.34	5.28	2.98	1.68	5.87	1.01	0.43	31.61	9.91	5.90	0.93	0.42	2.78	29.72	21.01	14.57	4.60	248.68	138.86	191.68	57.00	69.21	17%	77%	23%
SCRC11_019	21	22	109.82	40.34	5.28	2.98	1.68	5.87	1.01	0.43	31.61	9.91	5.90	0.93	0.42	2.78	29.72	21.01	14.57	4.60	248.68	138.86	191.68	57.00	69.21	17%	77%	23%
SCRC11_019	22	23	107.49	41.17	5.30	3.00	1.59	5.90	1.02	0.42	30.91	9.32	5.84	0.93	0.42	2.78	29.72	13.34	12.97	4.01	245.79	138.31	188.88	56.92	68.44	16%	77%	23%
SCRC11_019	23	24	107.49	41.17	5.30	3.00	1.59	5.90	1.02	0.42	30.91	9.32	5.84	0.93	0.42	2.78	29.72	13.34	12.97	4.01	245.79	138.31	188.88	56.92	68.44	16%	77%	23%
SCRC11_019	24	25	107.49	41.17	5.30	3.00	1.59	5.90	1.02	0.42	30.91	9.32	5.84	0.93	0.42	2.78	29.72	13.34	12.97	4.01	245.79	138.31	188.88	56.92	68.44	16%	77%	23%

Table 2. Historical REE analyses of 2011 drilling undertaken by Archer Materials at the Salt Creek Prospect



Hole Id	Easting	Northing	Depth	Dip	Azimuth
SCRC11_001	671253	6299551	43	-60	90
SCRC11_002	671234	6299556	66	-60	90
SCRC11_003	671215	6299549	57	-60	90
SCRC11_004	671196	6299551	37	-60	90
SCRC11_005	671222	6299797	31	-60	90
SCRC11_006	671203	6299799	31	-60	90
SCRC11_007	671182	6299799	59	-60	90
SCRC11_008	671238	6299794	19	-60	90
SCRC11_009	671224	6299799	24	-60	270
SCRC11_010	671085	6300393	27	-60	90
SCRC11_011	671066	6300394	55	-60	90
SCRC11_012	671047	6300395	38	-60	90
SCRC11_013	671048	6300600	43	-60	90
SCRC11_014	671033	6300602	46	-60	90
SCRC11_015	671007	6300610	49	-60	90
SCRC11_016	670988	6300610	43	-60	90
SCRC11_017	671178	6301898	19	-60	65
SCRC11_018	670982	6301045	16	-60	90
SCRC11_019	670971	6301045	26	-60	270

Table 3. Salt Creek Prospect 2011 drillhole collars



JORC 2012 EDITION - TABLE 1

Section 1 Sampling Techniques and Data

(Criteria in this section apply to all succeeding sections.)

Criteria	JORC Code Explanation	Commentary
Sampling Techniques	<ul style="list-style-type: none"> Nature and quality of sampling (e.g. cut channels, random chips, or specific specialised industry standard measurement tools appropriate to the minerals under investigation, such as downhole 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 (e.g. '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 (e.g. submarine nodules) may warrant disclosure of detailed information. 	<p>Archer Materials Ltd 2011 drilling</p> <ul style="list-style-type: none"> All samples were collected through a cyclone into plastic bags, composite samples were created from selected 1 metre intervals, which have been sent for chemical analyses. Composite intervals were created based upon the geology and colour. As such the composite intervals created vary in length from 2m to 5m. Composite samples weigh roughly 0.5kg for initial test work. All samples were sent to ALS laboratory in Adelaide for preparation and forwarded to Peth for multi-element analyses. All samples are crushed using LM2 mill to -4 mm and pulverised to nominal 80% passing -75 µm. The Competent Person has referenced publicly sourced information through the report and considers that sampling was commensurate with industry standards current at the time of drilling and is appropriate for the indication of the presence of mineralisation.
Drilling Techniques	<ul style="list-style-type: none"> Drill type (e.g., core, reverse circulation, open hole hammer, rotary air blast, auger, Bangka, sonic, etc.) and details (e.g. 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.). 	<ul style="list-style-type: none"> The drill type is a Reverse Circulation (RC) with a 5.25 inch face sampling hammer bit. The samples are collected after passing through a 2 tier splitter attached underneath the mounted cyclone. The drill company was Lehmann Drilling. The Competent Person has referenced publicly sourced information through the report and considers that drilling techniques was commensurate with industry standards current at the time of drilling and is appropriate for the indication of the presence of mineralisation.
Drill Sample Recovery	<ul style="list-style-type: none"> Method of recording and assessing core and chip sample recoveries and results assessed. Measures taken to maximise sample recovery and ensure representative 	<ul style="list-style-type: none"> No assessment of recoveries was documented. All efforts were made to ensure that the sample was representative. No relationship is believed to exist, but no work has been done to confirm this.



Criteria	JORC Code Explanation	Commentary
	<p>nature of the samples.</p> <ul style="list-style-type: none"> 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. 	
Logging	<ul style="list-style-type: none"> 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. 	<ul style="list-style-type: none"> All samples were geologically logged, as the hole collars were never accurately surveyed (a hand-held GPS was used) no data can be used for mineral resource estimation. Logging was qualitative and quantitative, i.e. percentages of vein material and host rock were estimated as well as noted.
Sub-Sampling Techniques and Sample Preparation	<ul style="list-style-type: none"> If core, whether cut or sawn and whether quarter, half or all cores taken. If non-core, whether riffled, tube sampled, rotary split, etc. and whether sampled wet or dry. For all sample types, the nature, quality, and appropriateness of the sample preparation technique. Quality control procedures adopted for all sub-sampling stages to maximise representivity of samples. Measures taken to ensure that the sampling is representative of the in-situ material collected, including for instance results for field duplicate/second-half sampling. Whether sample sizes are appropriate to the grain size of the material being sampled. 	<ul style="list-style-type: none"> All drilling was Reverse Circulation (RC), with a face sampling hammer bit. All samples were riffle split on a 2-tiered splitter, except for those that are wet, these were speared in the bag, by laying it on the side and taking a cross cutting representative sample. Samples from 55m onwards have been wet as the volume of water is considered to be significant. Initial samples submitted for assay are composites, this material is collected from the individual split sample. No additional quality control measures were taken for the sample submission. The sample sizes are considered appropriate for the material being sampled. The Competent Person has referenced publicly sourced information through the report and considers that sampling techniques was commensurate with industry standards current at the time of drilling and is appropriate for the indication of the presence of mineralisation.
Quality of Assay Data and Laboratory Tests	<ul style="list-style-type: none"> 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 	<ul style="list-style-type: none"> Certified standards were used in the assessment of the analyses. Analyses was by ALS Perth using their ME-MS61 technique for multi-elements. AS such the digestion of REE's is not complete. The laboratory uses their own certified standards during analyses.



Criteria	JORC Code Explanation	Commentary
	<p>analysis including instrument make and model, reading times, calibrations factors applied and their derivation, etc.</p> <ul style="list-style-type: none"> Nature of quality control procedures adopted (e.g. standards, blanks, duplicates, external laboratory checks) and whether acceptable levels of accuracy (i.e. lack of bias) and precision have been established. 	
Verification of Sampling and Assaying	<ul style="list-style-type: none"> 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. 	<ul style="list-style-type: none"> No verification of sampling, no use of twinned holes. Data is exploratory in nature and exists as excel spread sheets. No data adjustment. Rare earth element analyses were originally reported in elemental form but have been converted to relevant oxide concentrations as in the industry standard <ul style="list-style-type: none"> TREO = $\text{La}_2\text{O}_3 + \text{CeO}_2 + \text{Pr}_6\text{O}_{11} + \text{Nd}_2\text{O}_3 + \text{Sm}_2\text{O}_3 + \text{Eu}_2\text{O}_3 + \text{Gd}_2\text{O}_3 + \text{Tb}_4\text{O}_7 + \text{Dy}_2\text{O}_3 + \text{Ho}_2\text{O}_3 + \text{Er}_2\text{O}_3 + \text{Tm}_2\text{O}_3 + \text{Yb}_2\text{O}_3 + \text{Lu}_2\text{O}_3 + \text{Y}_2\text{O}_3$ CREO = $\text{Nd}_2\text{O}_3 + \text{Eu}_2\text{O}_3 + \text{Tb}_4\text{O}_7 + \text{Dy}_2\text{O}_3 + \text{Y}_2\text{O}_3$ LREO = $\text{La}_2\text{O}_3 + \text{CeO}_2 + \text{Pr}_6\text{O}_{11} + \text{Nd}_2\text{O}_3$ HREO = $\text{Sm}_2\text{O}_3 + \text{Eu}_2\text{O}_3 + \text{Gd}_2\text{O}_3 + \text{Tb}_4\text{O}_7 + \text{Dy}_2\text{O}_3 + \text{Ho}_2\text{O}_3 + \text{Er}_2\text{O}_3 + \text{Tm}_2\text{O}_3 + \text{Yb}_2\text{O}_3 + \text{Lu}_2\text{O}_3 + \text{Y}_2\text{O}_3$ NdPr = $\text{Nd}_2\text{O}_3 + \text{Pr}_6\text{O}_{11}$ TREO-Ce = TREO - CeO_2 % NdPr = NdPr/ TREO %HREO = HREO/TREO %LREO = LREO/TREO
Location of Data Points	<ul style="list-style-type: none"> Accuracy and quality of surveys used to locate drillholes (collar and downhole surveys), trenches, mine workings and other locations used in Mineral Resource estimation. Specification of the grid system used. Quality and adequacy of topographic control. 	<ul style="list-style-type: none"> MGA94 Zone 53 grid coordinate system is used. A hand-held GPS was used to identify the sample location Quality and adequacy is appropriate for this level of exploration
Data Spacing and Distribution	<ul style="list-style-type: none"> Data spacing for reporting of Exploration Results. Whether the data spacing, and distribution is sufficient to establish the degree of geological and grade continuity appropriate for the Mineral Resource and Ore Reserve estimation procedure(s) and classifications applied. 	<ul style="list-style-type: none"> There is no pattern to the sampling, the spacing is random, the location of the holes was determined by the land surface as no clearing was undertaken for the drill rig so many sites were unsuitable to drill. Some of these may have produced different results to the one being reported, some of the more significant electro-magnetic responses have not yet been drill tested.



Criteria	JORC Code Explanation	Commentary
	<ul style="list-style-type: none"> Whether sample compositing has been applied. 	<ul style="list-style-type: none"> Data spacing and distribution are sufficient to establish the degree of geological and grade continuity for future drill planning, but not for resource reporting. The size of the system being explored is extremely large and 3 5.25inch holes are very much an early indicator at best. Considerable area remains untested.
Orientation of Data in Relation to Geological Structure	<ul style="list-style-type: none"> Whether the orientation of sampling achieves unbiased sampling of possible structures and the extent to which this is known, considering the deposit type. If the relationship between the drilling orientation and the orientation of key mineralised structures is considered to have introduced a sampling bias, this should be assessed and reported if material. 	<ul style="list-style-type: none"> It is believed that the drilling has intersected the geology at right angles, however, it is unknown whether the drill holes have interested the mineralisation in a perpendicular manner. The mineralised horizon is obscured by a veneer of transported material, from observations of the strike of outcrop it was believed that the mineralised structure was being drilled perpendicularly. Bedding in the area dips to the W (about 70°), there is a high angle foliation to this in places (striking NNE) in places. It is believed there is no bias has been introduced.
Sample Security	<ul style="list-style-type: none"> The measures taken to ensure sample security. 	<ul style="list-style-type: none"> It is assumed that best practices were undertaken at the time All residual sample material (pulp) are stored securely.
Audits or Reviews	<ul style="list-style-type: none"> The results of any audits or reviews of sampling techniques and data. 	<ul style="list-style-type: none"> None undertaken.



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	<ul style="list-style-type: none"> 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. 	<ul style="list-style-type: none"> Tenement status confirmed on SARIG. The tenements are in good standing with no known impediments.
Exploration Done by Other Parties	<ul style="list-style-type: none"> Acknowledgment and appraisal of exploration by other parties. 	<ul style="list-style-type: none"> Relevant previous exploration has been undertaken by Shell Company of Australia Pty Ltd, Adelaide Exploration Pty Ltd and Archer Materials Ltd See body of report for details on previous exploration
Geology	<ul style="list-style-type: none"> Deposit type, geological setting and style of mineralisation. 	<ul style="list-style-type: none"> The tenements are within the Gawler Craton, South Australia. iTech is exploring for porphyry Cu-Au, epithermal Au, kaolin and halloysite and REE deposits. This release refers to ion adsorption rare earth elements mineralisation related to lateritic weathering processes on basement rock of the Gawler Craton, in particular the Palaeoproterozoic Mitalie Gneiss and Hutchison Group Metasediments. See body of the report for description of the geology in more detail.
Drillhole Information	<ul style="list-style-type: none"> A summary of all information material to the understanding of the exploration results including a tabulation of the following information for all Material drill holes: <ul style="list-style-type: none"> Easting and northing of the drill hole collar Elevation or RL (Reduced Level – elevation above sea level in metres) of the drill hole collar Dip and azimuth of the hole 	<ul style="list-style-type: none"> Refer to Table 1 and Appendix 1, Table 3 of this report for details



Criteria	JORC Code Explanation	Commentary
	<ul style="list-style-type: none"> – Downhole 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. 	
Data Aggregation Methods	<ul style="list-style-type: none"> • In reporting Exploration Results, weighting averaging techniques, maximum and/or minimum grade truncations (e.g., 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. 	<ul style="list-style-type: none"> • iTech Minerals REE intervals were aggregated using a lower cut-off of 300ppm TREO with no upper limit applied. • Internal dilution was no more than 2m @ 200ppm.
Relationship Between Mineralisation Widths and Intercept Lengths	<ul style="list-style-type: none"> • These relationships are particularly important in the reporting of Exploration Results. • If the geometry of the mineralisation with respect to the drill hole angle is known, its nature should be reported. • If it is not known and only the downhole lengths are reported, there should be a clear statement to this effect (e.g., 'downhole length, true width not known'). 	<ul style="list-style-type: none"> • All assay intervals are down hole length, the true width not known. • Geometry is not precisely known as out crops are partially obscured by cover, bedding dips 70° to W. • Down hole intercepts are reported. True widths are likely to be 60-70% of the down hole widths.
Diagrams	<ul style="list-style-type: none"> • Appropriate maps and sections (with scales) and tabulations of intercepts should be included for any significant discovery being reported. These should include, but not be limited to a plan view of drill hole collar locations and appropriate sectional views. 	<ul style="list-style-type: none"> • See main body of report.
Balanced Reporting	<ul style="list-style-type: none"> • Where comprehensive reporting of all Exploration Results is not practicable, representative reporting of both low and high grades and/or widths should be practiced to avoid misleading reporting of Exploration Results. 	<ul style="list-style-type: none"> • All other relevant data has been reported • The reporting is considered to be balanced.
Other Substantive Exploration Data	<ul style="list-style-type: none"> • Other exploration data, if meaningful and material, should be reported including (but not limited to): geological observations; geophysical survey results; geochemical survey results; bulk samples – size and 	<ul style="list-style-type: none"> • The Project area has been subject of significant exploration for base metals, graphite and gold. • See body of report for details



Criteria	JORC Code Explanation	Commentary
	method of treatment; metallurgical test results; bulk density, groundwater, geotechnical and rock characteristics; potential deleterious or contaminating substances.	
Further Work	<ul style="list-style-type: none"> • The nature and scale of planned further work (e.g., 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. 	<ul style="list-style-type: none"> • Further exploration sampling geochemistry and drilling required at all projects

