ASX / MEDIA ANNOUNCEMENT **27 October 2020**

BONANZA RARE EARTHS AND NIOBIUM GRADES CONTINUE AT CUMMINS RANGE: 70M AT 5.35% TREO AND 0.64% NB_2O_5

Further outstanding results extend high-grade mineralisation to 130m below surface

HIGHLIGHTS

- **More exceptional results received from recently completed in-fill and extensional drilling, including bonanza grades in the latest holes. Significant new results include:**

  CRX0012

  - **37m @ 1.4% TREO + 0.2% Nb_2O_5 from 21m, including:**
    - **7m @ 3.6% TREO + 0.2% Nb_2O_5 from 37m**

  CRX0013

  - **109m @ 3.6% TREO + 0.44% Nb_2O_5 from 24m, including:**
    - **70m @ 5.4% TREO + 0.64% Nb_2O_5 from 54m;**
    - **9m @ 7.5% TREO + 1.5% Nb_2O_5 from 57m;**
    - **13m @ 10.7% TREO + 1.04% Nb_2O_5 from 76m; and**
    - **8m @ 9.1% TREO + 0.58% Nb_2O_5 from 106m**

- **Assaying ongoing with results awaited from a further 38 holes**

Further to its release of 19 October 2020, **RareX Limited** ("**RareX**" or "**the Company**") (**ASX: REE**) is pleased to report further significant results from recently completed in-fill and extensional drilling at its 100%-owned flagship Cummins Range Rare Earths Project in the Kimberley region of Western Australia.

Results from the two latest RC holes, CRX0012 and CRX0013, include significant widths of high-grade rare earths and niobium mineralisation with broad zones of bonanza grade mineralisation encountered in CRX0013.

The north-west trending channel of mineralisation encountered in previously released drill holes CRX0002, CRX0003, CRX0010 and CRX0011 has been confirmed in holes CRX0012 and CRX0013, further enhancing the potential size and grade of the Resource in this area.

Previous historical drilling on surrounding sections had confirmed the presence of high-grade mineralisation down to 70m below surface. The current drill program has now extended the zone of high-grade mineralisation to 130m below surface.

CRX0013 is especially significant in that it contains wide ultra-high grade zones including 13m at 10.7% TREO and 1.04% Nb_2O_5 from 76m and 8m at 9.1% TREO and 0.58% Nb_2O_5.

RareX Managing Director, Jeremy Robinson, said: *"We continue to be impressed by the consistency of this thick, high-grade mineralisation within this north-west channel within the Resource. These impressive results provide strong support for the potential both to upgrade the Resource and to define a high-grade component within the broader Resource.*

"Understanding the controls on the high-grade mineralisation in the weathered zone will also assist with targeting potential high-grade primary mineralisation in follow-up drilling to further expand the overall size of the Resource."

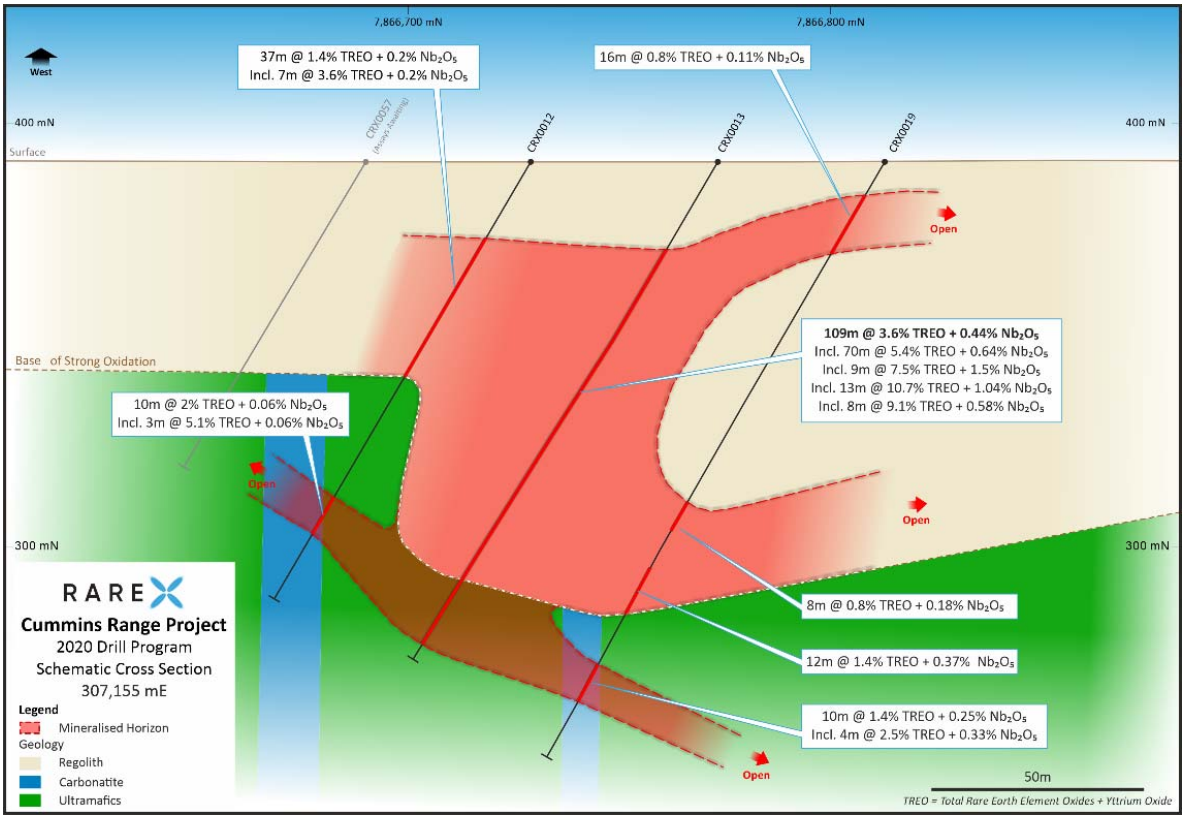

Figure 1 - Cummins Range Cross Section 307,155mE

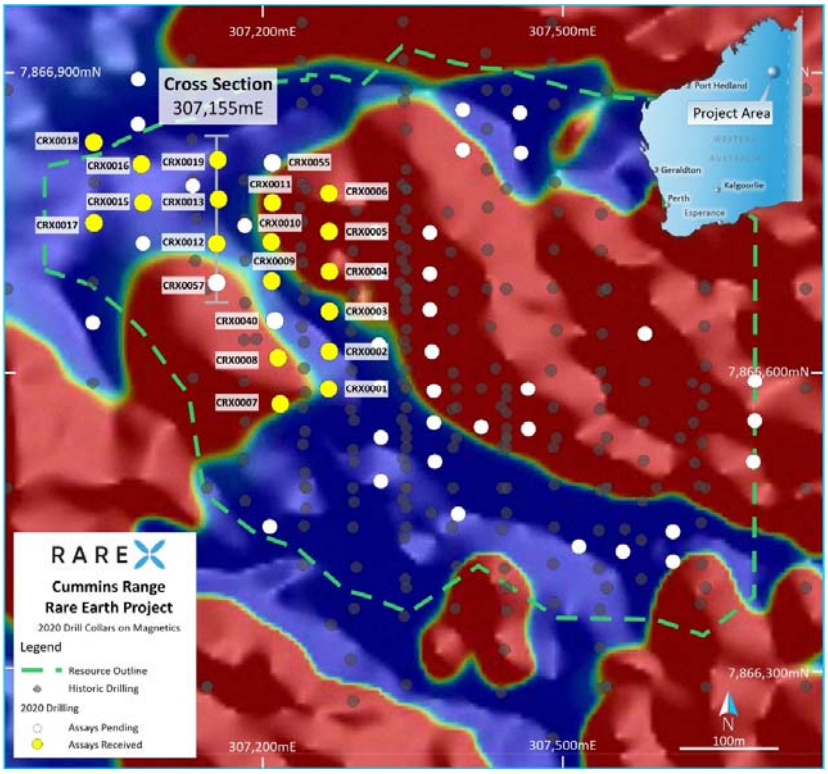

Figure 2 - Cummins Range Drill Collar Plan

Table 1: Significant Intersections

Hole ID	From (m)	To (m)	Interval (m)	$TREO+Y_2O_3$ %	Nb_2O_5 %	P_2O_5 %
CRX0012	21	58	37	1.44	0.2	5.66
Incl.	37	44	7	3.63	0.23	5.9
CRX0012	92	102	10	1.98	0.06	5.71
Incl.	92	95	3	5.07	0.06	8.67
CRX0013	24	133	109	3.57	0.44	7.81
Incl.	31	125	94	4.07	0.5	8.26
Incl.	54	124	70	5.35	0.64	11.86
Incl.	57	66	9	7.45	1.5	12.9
Incl.	76	117	41	6.33	0.6	10.5
Incl.	76	89	13	10.7	1.04	12
Incl.	106	114	8	9.06	0.58	14.55
CRX0015	48	66	18	1.07	0.25	5.04
Incl.	50	54	4	2.19	0.76	7.26
CRX0016	79	89	10	0.8	1.04	6.51
Incl.	87	89	2	1.22	3.35	1.57
CRX0018	14	15	1	2.38	0.5	3.64
CRX0019	9	25	16	0.81	0.11	2.39
CRX0019	93	101	8	0.76	0.18	10.83
CRX0019	111	123	12	1.38	0.37	4.83
CRX0019	137	147	10	1.38	0.25	9.38
Incl.	138	142	4	2.54	0.33	12.78

Table 2: Collar Table

Hole ID	East MGA	North MGA	RL	End Depth (m)	Azimuth	Dip
CRX0012	307154	7866729	391	120	180	60
CRX0013	307156	7866773	391	138	180	60
CRX0015	307080	7866770	391	96	180	60
CRX0016	307079	7866809	391	126	180	60
CRX0017	307031	7866750	391	84	180	60
CRX0018	307031	7866831	391	84	180	60
CRX0019	307155	7866813	391	162	180	60

Full details of assay results are set out in Appendix 1.

This announcement has been authorized for release by the Board of RareX Limited.

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Competent Person's Statement

Information in this release that relates to current Exploration Results is based on and fairly represents information and supporting documentation prepared and compiled by Mr Guy Moulang, an experienced geologist consulting for RareX Limited. Mr Moulang is a Member of the Australian Institute of Geoscientist and has sufficient experience which is relevant to the styles of mineralisation and types of deposits under consideration and to the activities being undertaken 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". Mr Moulang consents to the inclusion in this release of the matters based on his information in the form and context in which it appears.

Appendix 1: Assay Results

Hole ID	From	To	Interval	TREO + Y2O3 %	La2O3 ppm	CeO2 ppm	Pr6O11 ppm	Nd2O3 ppm	Sm2O3 ppm	Eu2O3 ppm	Gd2O3 ppm	Dy2O3 ppm	Ho2O3 ppm	Er2O3 ppm	Tm2O3 ppm	Yb2O3 ppm	Lu2O3 ppm	Sc2O3 ppm	Y2O3 ppm	Nb2O5 ppm	P2O5 ppm	Th ppm
CRX0012	0	4	4	0.05	80	242	18	62	10	2	9	6	1	3	0	3	0	21	28	72	1833	12
CRX0012	4	8	4	0.2	510	905	95	316	40	9	25	14	2	6	1	3	0	43	57	372	8708	15
CRX0012	8	12	4	0.01	23	52	6	24	4	1	3	3	1	2	0	2	0	15	20	72	687	13
CRX0012	12	15	3	0.03	45	134	10	33	6	1	5	5	1	3	1	3	1	14	32	86	1833	15
CRX0012	15	16	1	0.03	54	109	10	35	6	1	5	5	1	3	0	3	0	18	28	86	2292	14
CRX0012	16	19	3	0.08	172	381	38	138	23	5	19	11	2	4	1	3	0	18	39	100	2979	12
CRX0012	19	21	2	0.14	332	613	69	238	35	9	25	17	3	7	1	6	1	18	80	343	5500	20
CRX0012	21	23	2	0.8	1631	3582	419	1552	232	58	160	74	10	21	2	13	2	242	234	1631	23833	26
CRX0012	23	26	3	0.53	1019	2228	275	1024	165	43	122	65	10	23	2	15	2	179	262	1302	30937	19
CRX0012	26	28	2	0.92	2047	4306	457	1573	206	50	130	65	10	23	3	15	2	209	269	1001	25895	13
CRX0012	28	30	2	0.43	823	1801	222	835	135	35	98	55	9	20	2	15	2	169	235	1016	23145	12
CRX0012	30	31	1	0.55	1155	2459	288	1043	155	37	99	50	8	19	2	14	2	239	197	1473	19020	10
CRX0012	31	32	1	0.38	721	1633	204	776	124	32	84	41	6	13	1	9	2	178	145	958	20854	9
CRX0012	32	33	1	2.32	5864	11079	1209	3781	445	106	268	110	14	28	3	15	2	560	307	13389	48353	50
CRX0012	33	34	1	0.91	1737	3987	473	1792	297	77	208	102	14	30	3	18	2	301	321	3562	36666	59
CRX0012	34	35	1	1.24	2404	5474	649	2389	374	98	270	138	21	44	5	26	3	256	521	4563	37582	65
CRX0012	35	36	1	0.95	1724	3938	519	1901	348	92	247	138	20	42	5	24	3	285	464	3648	42165	58
CRX0012	36	37	1	1.78	4416	8114	872	3015	410	100	265	127	18	36	4	18	2	457	419	3977	38041	69
CRX0012	37	38	1	3.58	9897	16897	1734	5364	633	141	353	155	21	42	5	23	3	497	531	2432	55686	63
CRX0012	38	39	1	4.27	12633	20046	1981	5925	674	146	384	164	22	46	5	25	3	442	627	3519	64852	70
CRX0012	39	40	1	3.5	9864	16470	1694	5224	603	130	345	142	19	37	4	20	3	669	489	3176	70123	65
CRX0012	40	41	1	5.93	17034	28788	2881	8494	822	166	424	144	19	38	4	20	3	521	483	2775	80206	121
CRX0012	41	42	1	2.77	7384	13103	1364	4309	512	112	294	123	17	36	4	22	3	422	448	1516	52019	67
CRX0012	42	43	1	2.05	5579	9980	1020	3100	338	66	161	53	7	14	2	8	1	178	177	1159	40103	38
CRX0012	43	44	1	3.3	9572	15810	1554	4624	463	95	252	102	14	32	4	19	3	242	424	1831	50186	72
CRX0012	44	45	1	1.69	4641	8130	822	2495	285	60	146	57	8	18	2	10	2	235	207	3061	34603	58
CRX0012	45	46	1	0.46	1109	2077	231	795	117	26	65	29	4	9	1	7	1	95	108	987	24749	19

Hole ID	From	To	Interval	TREO + Y2O3 %	La2O3 ppm	CeO2 ppm	Pr6O11 ppm	Nd2O3 ppm	Sm2O3 ppm	Eu2O3 ppm	Gd2O3 ppm	Dy2O3 ppm	Ho2O3 ppm	Er2O3 ppm	Tm2O3 ppm	Yb2O3 ppm	Lu2O3 ppm	Sc2O3 ppm	Y2O3 ppm	Nb2O5 ppm	P2O5 ppm	Th ppm
CRX0012	46	47	1	0.9	2160	4065	454	1484	221	50	133	70	11	25	3	15	3	89	309	1817	33457	42
CRX0012	47	48	1	0.68	1623	3037	337	1140	164	39	106	59	9	21	2	14	2	87	272	987	100143	25
CRX0012	48	49	1	0.71	1668	3152	350	1180	179	42	117	67	10	23	3	13	2	97	304	873	133829	32
CRX0012	49	50	1	0.71	1644	3162	354	1220	178	42	114	57	9	18	2	10	2	117	254	1130	113434	23
CRX0012	50	51	1	0.41	911	1784	205	708	111	26	77	40	6	13	1	8	1	103	175	887	85706	18
CRX0012	51	52	1	0.51	1319	2346	251	826	114	24	66	29	4	8	1	5	1	155	110	1001	59811	12
CRX0012	52	53	1	1.79	5076	8578	834	2544	301	66	169	70	10	20	2	10	2	150	260	1359	117788	49
CRX0012	53	54	1	0.31	652	1258	146	540	104	26	76	45	7	15	2	9	1	92	194	701	102435	14
CRX0012	54	55	1	0.94	2383	4325	465	1482	201	48	134	68	10	21	3	11	2	94	282	830	131309	28
CRX0012	55	56	1	0.4	841	1672	201	707	128	33	95	55	8	18	2	10	2	84	244	601	129705	18
CRX0012	56	57	1	3.17	10147	15052	1365	3919	401	82	216	91	13	28	3	17	2	135	392	787	56373	34
CRX0012	57	58	1	1.28	3627	6019	595	1789	200	45	124	64	9	17	2	9	2	90	253	858	76769	28
CRX0012	58	59	1	0.29	573	1217	150	544	93	23	63	38	5	11	1	7	1	66	149	1073	68977	22
CRX0012	59	60	1	0.23	407	948	120	457	83	20	58	34	5	9	1	6	1	51	133	758	66456	13
CRX0012	60	64	4	0.25	490	1081	131	475	81	19	56	32	4	9	1	6	1	49	127	772	68977	11
CRX0012	64	68	4	0.18	305	741	98	374	71	17	50	30	4	8	1	5	1	40	112	730	65769	6
CRX0012	68	72	4	0.15	238	592	80	315	57	14	41	25	3	7	1	5	1	32	94	801	48811	11
CRX0012	72	76	4	0.16	237	624	87	346	67	16	48	30	4	9	1	6	1	28	117	715	57061	19
CRX0012	76	80	4	0.52	1421	2422	253	790	103	23	64	33	4	9	1	5	1	57	117	801	53853	15
CRX0012	80	83	3	0.23	486	952	120	437	73	17	48	28	4	7	1	5	1	44	102	830	57290	15
CRX0012	83	86	3	0.41	846	1781	214	780	128	30	86	42	5	11	1	6	1	63	149	1330	93039	11
CRX0012	86	89	3	0.14	265	572	69	265	50	12	40	25	3	7	1	3	1	51	94	458	60957	0
CRX0012	89	90	1	0.17	305	725	94	362	66	15	46	26	3	7	1	3	1	49	95	458	63706	3
CRX0012	90	91	1	0.18	297	719	94	363	67	16	48	28	4	9	1	5	1	37	104	687	56832	6
CRX0012	91	92	1	0.16	265	644	86	331	61	14	43	25	3	7	1	5	1	34	93	772	51332	9
CRX0012	92	93	1	7.27	23961	36109	3163	8332	554	90	247	51	6	11	1	6	1	51	150	658	84560	54
CRX0012	93	94	1	4.72	15470	23094	2055	5575	435	78	213	67	8	16	2	8	1	63	227	472	93497	26
CRX0012	94	95	1	3.22	10223	15819	1459	3935	308	54	145	46	6	12	1	7	1	66	173	644	82039	25

Hole ID	From	To	Interval	TREO + Y2O3 %	La2O3 ppm	CeO2 ppm	Pr6O11 ppm	Nd2O3 ppm	Sm2O3 ppm	Eu2O3 ppm	Gd2O3 ppm	Dy2O3 ppm	Ho2O3 ppm	Er2O3 ppm	Tm2O3 ppm	Yb2O3 ppm	Lu2O3 ppm	Sc2O3 ppm	Y2O3 ppm	Nb2O5 ppm	P2O5 ppm	Th ppm
CRX0012	95	96	1	1.73	5179	8514	784	2218	194	37	101	41	6	12	1	8	2	60	159	715	68061	14
CRX0012	96	97	1	0.85	1861	3819	434	1517	232	52	152	85	12	26	3	17	3	149	321	672	56144	0
CRX0012	97	98	1	0.36	752	1591	181	657	105	21	70	37	6	12	2	8	2	48	150	315	30478	0
CRX0012	98	99	1	0.26	494	1104	138	518	89	17	59	34	5	12	1	7	1	46	135	229	20624	0
CRX0012	99	100	1	0.28	573	1200	142	511	84	20	54	31	5	11	1	6	1	37	122	243	24749	17
CRX0012	100	101	1	0.54	1400	2490	266	879	118	28	75	37	5	11	1	6	1	46	128	1030	42395	14
CRX0012	101	102	1	0.56	1372	2518	280	956	133	32	79	41	6	12	1	7	2	66	142	715	68519	21
CRX0012	102	103	1	0.27	573	1195	144	527	82	21	54	28	4	9	1	5	1	32	104	515	45832	10
CRX0012	103	107	4	0.29	622	1265	150	541	85	21	58	30	4	9	1	5	1	32	108	443	43999	8
CRX0012	107	111	4	0.25	502	1067	130	479	81	20	52	29	4	10	1	5	1	31	110	315	26353	6
CRX0012	111	115	4	0.32	693	1387	159	574	91	23	58	33	5	11	1	6	1	34	126	415	36436	7
CRX0012	115	119	4	0.26	545	1130	132	478	77	19	51	29	4	9	1	6	1	32	107	443	29562	6
CRX0012	119	120	1	0.35	754	1534	176	631	101	27	70	38	6	12	1	6	1	46	137	901	41020	7
CRX0013	0	2	2	0.07	140	251	32	111	21	5	15	12	2	5	1	3	1	26	58	157	5042	18
CRX0013	2	4	2	0.07	164	289	34	117	19	5	12	9	2	4	1	3	1	25	50	172	2750	20
CRX0013	4	6	2	0.45	1235	2049	215	678	79	18	47	22	3	8	1	5	1	54	93	615	12145	32
CRX0013	6	9	3	0.07	163	335	31	101	14	3	9	6	1	3	0	2	0	23	34	172	2979	16
CRX0013	9	12	3	0.08	127	560	26	83	9	2	4	3	1	2	0	1	0	23	19	157	2292	12
CRX0013	12	15	3	0.17	198	1239	39	129	19	4	9	5	1	3	0	2	0	21	28	143	4812	10
CRX0013	15	18	3	0.11	271	490	47	155	23	6	14	9	1	3	0	3	1	14	37	157	3437	10
CRX0013	18	22	4	0.09	213	384	42	140	20	4	12	7	1	3	0	2	0	12	32	172	2750	7
CRX0013	22	24	2	0.34	815	1561	175	569	79	19	47	23	4	8	1	5	1	35	83	558	10083	15
CRX0013	24	28	4	0.54	1333	2468	268	912	128	31	78	39	5	11	1	7	1	66	136	815	15354	16
CRX0013	28	29	1	0.45	873	1886	228	841	139	36	100	63	9	20	2	11	2	72	262	1216	20395	21
CRX0013	29	30	1	0.31	618	1318	159	591	98	26	65	36	5	12	1	7	1	54	137	701	12833	24
CRX0013	30	31	1	0.3	593	1281	155	556	93	26	63	36	5	12	1	8	2	58	142	758	14895	4
CRX0013	31	32	1	0.55	1104	2339	279	1026	165	46	121	71	11	23	3	11	2	66	295	873	26583	4
CRX0013	32	33	1	0.66	1383	2827	332	1197	191	54	142	81	12	25	3	14	2	37	324	801	26812	3

Hole ID	From	To	Interval	TREO + Y2O3 %	La2O3 ppm	CeO2 ppm	Pr6O11 ppm	Nd2O3 ppm	Sm2O3 ppm	Eu2O3 ppm	Gd2O3 ppm	Dy2O3 ppm	Ho2O3 ppm	Er2O3 ppm	Tm2O3 ppm	Yb2O3 ppm	Lu2O3 ppm	Sc2O3 ppm	Y2O3 ppm	Nb2O5 ppm	P2O5 ppm	Th ppm
CRX0013	33	34	1	0.57	1122	2378	292	1060	177	51	134	80	12	26	3	15	2	71	340	1459	27958	12
CRX0013	34	35	1	0.59	1177	2496	300	1095	181	48	131	81	12	29	4	16	3	98	357	1960	29332	31
CRX0013	35	36	1	0.62	1254	2625	315	1131	182	48	131	77	12	29	3	18	3	126	343	1659	29332	35
CRX0013	36	37	1	0.7	1431	2892	350	1282	218	61	158	95	14	34	4	20	3	158	450	1502	36666	35
CRX0013	37	38	1	0.53	1074	2249	265	952	151	41	110	70	11	27	3	18	4	150	330	1931	21541	37
CRX0013	38	39	1	0.81	1634	3444	421	1473	249	69	183	109	16	36	4	20	3	147	437	1359	28416	39
CRX0013	39	40	1	1.16	2401	4896	585	2130	350	96	248	148	23	50	5	26	5	195	626	1431	48124	55
CRX0013	40	41	1	1.11	2027	4607	597	2197	378	106	264	150	23	51	5	25	4	242	621	2131	52248	86
CRX0013	41	42	1	0.9	1678	3658	475	1797	304	85	216	123	19	43	5	27	5	204	556	1516	39186	73
CRX0013	42	43	1	0.84	1534	3411	430	1605	278	85	210	131	21	47	5	28	5	235	636	1874	39645	55
CRX0013	43	44	1	0.79	1458	3243	413	1566	270	80	199	114	18	40	4	22	4	229	499	1774	35291	56
CRX0013	44	45	1	0.52	900	2067	274	1060	190	55	138	86	13	29	3	18	4	184	359	2003	26812	29
CRX0013	45	46	1	0.45	810	1827	234	897	159	46	118	73	11	24	3	16	3	143	295	1316	27958	25
CRX0013	46	47	1	0.55	978	2309	296	1108	194	54	131	76	11	24	3	17	3	135	302	1888	28416	39
CRX0013	47	48	1	0.48	823	1903	250	962	177	51	135	82	12	29	3	19	4	175	357	1688	23374	31
CRX0013	48	49	1	0.52	938	2101	270	1060	186	55	142	84	12	28	3	16	3	164	348	1473	32082	31
CRX0013	49	50	1	0.83	1477	3467	444	1663	296	80	207	123	18	40	4	22	3	164	494	1888	43540	65
CRX0013	50	51	1	0.73	1236	2951	388	1488	260	70	186	112	17	39	4	23	5	181	524	2146	31624	62
CRX0013	51	52	1	0.83	1472	3366	442	1699	296	81	211	125	18	41	5	23	4	210	541	1831	29332	67
CRX0013	52	53	1	0.67	1180	2663	350	1319	246	68	178	114	17	39	4	23	4	209	510	2260	24062	70
CRX0013	53	54	1	0.83	1541	3455	436	1606	277	76	198	114	17	38	4	19	3	239	507	1888	32312	64
CRX0013	54	55	1	1.75	3340	7899	929	3388	517	132	338	172	24	50	5	23	3	742	678	2761	67144	65
CRX0013	55	56	1	1.14	2069	4887	636	2339	384	97	252	131	19	41	4	22	4	549	552	2160	43770	79
CRX0013	56	57	1	1.46	3016	6573	790	2747	414	101	262	127	18	39	4	19	3	661	512	2246	49269	56
CRX0013	57	58	1	6.94	19609	33978	3356	9805	980	199	508	169	22	46	5	24	3	1265	662	13318	138183	211
CRX0013	58	59	1	7.73	22302	37901	3710	10646	1065	213	526	184	23	47	5	23	2	1005	655	20499	123288	236
CRX0013	59	60	1	9.47	27183	46179	4524	13235	1282	265	671	259	35	73	8	34	4	1133	980	12917	141163	232
CRX0013	60	61	1	11.49	32652	55643	5504	16278	1682	358	920	352	48	95	10	46	6	1195	1278	10686	154683	212

Hole ID	From	To	Interval	TREO + Y2O3 %	La2O3 ppm	CeO2 ppm	Pr6O11 ppm	Nd2O3 ppm	Sm2O3 ppm	Eu2O3 ppm	Gd2O3 ppm	Dy2O3 ppm	Ho2O3 ppm	Er2O3 ppm	Tm2O3 ppm	Yb2O3 ppm	Lu2O3 ppm	Sc2O3 ppm	Y2O3 ppm	Nb2O5 ppm	P2O5 ppm	Th ppm
CRX0013	61	62	1	10.47	29297	50599	4830	15262	1654	358	902	348	49	101	11	49	6	982	1206	9885	156745	170
CRX0013	62	63	1	10.57	29411	51399	4928	15287	1656	356	884	345	49	99	11	49	6	934	1199	17652	148267	205
CRX0013	63	64	1	2.91	10805	12312	1185	3877	351	74	179	68	10	21	2	10	1	768	240	24204	115497	63
CRX0013	64	65	1	3.77	9406	18049	1911	6175	746	172	429	174	25	51	5	23	3	606	580	13261	97164	87
CRX0013	65	66	1	3.66	9442	17558	1828	5773	678	153	389	161	24	49	5	24	3	597	563	12245	85706	84
CRX0013	66	67	1	1.61	4099	7566	787	2621	330	78	196	89	14	29	3	16	2	370	314	3877	48811	43
CRX0013	67	68	1	1.8	4519	8504	874	2933	373	88	220	100	16	30	3	16	2	439	344	3848	57519	85
CRX0013	68	69	1	1.53	3714	7047	775	2647	345	81	205	89	13	28	3	14	1	646	316	4449	59811	32
CRX0013	69	70	1	1.35	2997	6117	704	2509	357	88	229	104	15	30	3	14	2	594	353	3076	68290	24
CRX0013	70	71	1	0.97	2009	4407	504	1808	271	68	182	81	13	26	3	13	1	514	309	1588	76539	19
CRX0013	71	72	1	0.89	1993	4099	438	1564	226	55	142	65	10	21	2	13	2	472	241	2117	53165	24
CRX0013	72	73	1	1.43	3307	6583	731	2547	351	87	221	101	15	29	3	14	2	563	343	3362	80435	26
CRX0013	73	74	1	1.11	2319	5093	566	2069	306	76	195	88	13	26	3	11	1	541	304	1817	70352	17
CRX0013	74	75	1	0.97	2003	4460	494	1811	263	65	174	79	11	23	2	11	1	575	277	1516	55915	26
CRX0013	75	76	1	1.29	2696	5832	677	2466	367	94	241	109	16	31	3	11	1	601	356	3505	75394	23
CRX0013	76	77	1	8.02	24312	39012	3719	10561	939	199	458	181	28	59	7	30	4	571	733	12646	114122	122
CRX0013	77	78	1	19.12	60561	94756	8257	23532	1778	330	726	220	31	68	8	36	5	520	880	11787	150100	222
CRX0013	78	79	1	8.97	26730	43781	4174	12195	1169	242	566	184	24	44	4	19	2	540	580	16036	101289	91
CRX0013	79	80	1	11.65	35810	57312	5084	14985	1301	257	604	212	30	62	7	30	4	603	839	7167	127871	94
CRX0013	80	81	1	8.21	25049	40161	3737	10733	954	193	452	155	22	43	5	23	3	635	561	7038	91893	69
CRX0013	81	82	1	8.09	24323	39589	3640	10824	997	200	466	160	21	42	5	19	2	614	578	7696	93726	96
CRX0013	82	83	1	7.53	22578	36513	3420	10278	972	201	470	169	23	46	5	22	3	626	587	7868	89372	92
CRX0013	83	84	1	13.3	40953	65800	5773	16927	1369	253	574	199	31	69	8	43	6	646	959	6337	117559	350
CRX0013	84	85	1	9.79	30402	48194	4282	12304	1014	195	440	168	26	60	7	36	5	672	791	10199	96018	189
CRX0013	85	86	1	8.16	24774	39997	3654	10622	946	190	435	169	25	56	7	32	4	693	733	9155	84789	185
CRX0013	86	87	1	10.25	31445	50023	4533	13440	1162	234	547	205	29	61	7	33	4	681	787	10228	113434	133
CRX0013	87	88	1	8.42	25145	40752	3866	11374	1107	238	577	242	33	67	7	33	4	745	799	9298	126955	101
CRX0013	88	89	1	8.88	26191	43128	4069	12198	1174	246	599	234	33	69	7	35	4	750	811	8426	121684	126

Hole ID	From	To	Interval	TREO + Y2O3 %	La2O3 ppm	CeO2 ppm	Pr6O11 ppm	Nd2O3 ppm	Sm2O3 ppm	Eu2O3 ppm	Gd2O3 ppm	Dy2O3 ppm	Ho2O3 ppm	Er2O3 ppm	Tm2O3 ppm	Yb2O3 ppm	Lu2O3 ppm	Sc2O3 ppm	Y2O3 ppm	Nb2O5 ppm	P2O5 ppm	Th ppm
CRX0013	89	90	1	8.67	24768	42097	4057	12435	1228	258	621	239	33	68	8	38	5	805	820	11215	130621	127
CRX0013	90	91	1	2.3	5425	10359	1161	3994	548	135	362	175	26	56	6	33	4	466	674	2303	59811	77
CRX0013	91	92	1	2.14	4769	9628	1098	3876	562	141	373	181	26	56	6	32	4	390	640	2346	54082	95
CRX0013	92	93	1	1.92	4332	8518	976	3471	506	126	334	169	25	54	6	32	5	454	616	2918	49040	78
CRX0013	93	94	1	1.31	3000	5932	656	2316	333	84	214	107	16	34	4	22	3	405	385	3333	37353	51
CRX0013	94	95	1	3.45	9752	16338	1645	5079	547	122	302	133	19	40	5	23	3	429	493	4435	72185	55
CRX0013	95	96	1	1.45	3388	6431	716	2489	363	91	242	131	21	46	6	32	4	347	555	2189	35978	50
CRX0013	96	97	1	3.35	9638	15945	1556	4803	502	115	273	122	19	39	5	23	4	305	432	3133	58665	88
CRX0013	97	98	1	5.93	17634	28644	2683	7941	761	164	407	178	27	60	7	35	5	474	772	2131	73790	68
CRX0013	98	99	1	2.37	6320	11011	1118	3659	451	106	278	136	20	43	5	27	4	385	507	2089	47894	63
CRX0013	99	100	1	1.84	4562	8363	901	3093	430	105	278	135	20	41	5	23	3	296	479	2532	44915	58
CRX0013	100	101	1	2.71	7151	12675	1313	4306	522	121	303	142	21	44	5	26	4	480	516	4306	51332	74
CRX0013	101	102	1	1.75	4154	7987	875	3096	422	103	271	131	19	42	5	23	3	509	409	4663	44686	85
CRX0013	102	103	1	2	5199	9144	971	3244	421	101	268	123	19	40	4	24	3	351	429	4849	86852	80
CRX0013	103	104	1	1.21	2632	5405	623	2214	326	80	219	108	16	34	4	20	2	215	373	2818	157204	51
CRX0013	104	105	1	1.13	2442	5066	575	2082	312	76	207	100	15	33	4	20	2	264	342	3219	144142	52
CRX0013	105	106	1	1.4	3299	6382	709	2462	344	83	220	107	16	35	4	20	2	285	353	3462	130392	52
CRX0013	106	107	1	15.38	47939	72732	6461	19634	1789	388	1043	534	94	233	30	178	23	660	2757	2933	190203	132
CRX0013	107	108	1	8.67	25791	40736	3789	11423	1192	272	731	389	69	171	21	128	16	485	1963	5164	155600	96
CRX0013	108	109	1	5.79	15730	27110	2734	8610	1007	231	608	302	49	117	15	84	11	526	1303	7825	118934	104
CRX0013	109	110	1	6.75	18676	31733	3185	9878	1128	255	660	318	51	122	15	85	11	531	1354	7367	123288	110
CRX0013	110	111	1	6.63	17140	30700	3182	10394	1295	304	815	414	68	164	20	121	15	495	1684	7124	130392	178
CRX0013	111	112	1	8.99	26610	42535	3970	12054	1247	280	749	387	66	163	20	120	15	489	1736	5908	140475	111
CRX0013	112	113	1	9.81	29577	46881	4212	12518	1222	271	738	394	69	169	21	125	16	425	1841	5150	148725	104
CRX0013	113	114	1	10.48	31110	50040	4537	13591	1364	303	822	444	78	195	25	146	18	419	2118	5050	156287	109
CRX0013	114	115	1	5.95	15102	27180	2796	9323	1207	295	806	442	73	173	21	122	15	509	1919	4449	185849	89
CRX0013	115	116	1	3.62	8804	16469	1727	5876	791	196	534	289	48	111	14	79	10	348	1233	4477	154454	67
CRX0013	116	117	1	2.05	5241	9359	974	3213	410	102	275	147	24	58	7	41	5	195	621	2847	93268	43

Hole ID	From	To	Interval	TREO + Y2O3 %	La2O3 ppm	CeO2 ppm	Pr6O11 ppm	Nd2O3 ppm	Sm2O3 ppm	Eu2O3 ppm	Gd2O3 ppm	Dy2O3 ppm	Ho2O3 ppm	Er2O3 ppm	Tm2O3 ppm	Yb2O3 ppm	Lu2O3 ppm	Sc2O3 ppm	Y2O3 ppm	Nb2O5 ppm	P2O5 ppm	Th ppm
CRX0013	117	118	1	1.45	3779	6670	686	2237	282	69	184	98	16	37	4	25	3	164	403	2546	86852	33
CRX0013	118	119	1	1.36	3596	6284	654	2129	257	62	164	84	13	31	4	20	2	222	331	2589	93039	29
CRX0013	119	120	1	0.65	1583	3001	303	1064	141	35	95	50	8	19	2	13	2	114	202	1545	75164	21
CRX0013	120	121	1	2.03	6053	9779	939	2778	259	55	133	56	9	19	2	13	2	104	217	1316	107705	28
CRX0013	121	122	1	4.58	14374	22109	2027	5808	531	110	267	111	16	33	3	17	2	92	375	830	116872	35
CRX0013	122	123	1	6.81	22354	33022	2926	8020	656	133	305	123	18	40	5	25	3	123	479	1388	114351	68
CRX0013	123	124	1	4.75	15273	23018	2069	5812	491	100	231	98	15	31	4	19	2	115	384	1373	92810	50
CRX0013	124	125	1	0.85	2459	4013	382	1193	135	32	82	42	6	14	2	9	1	84	165	916	66686	23
CRX0013	125	126	1	0.43	1003	1902	208	734	108	27	74	42	6	14	2	9	1	110	159	958	77914	18
CRX0013	126	127	1	0.54	1397	2447	252	834	111	28	75	42	7	16	2	10	1	74	178	1016	97851	24
CRX0013	127	128	1	0.35	794	1528	168	598	86	22	60	33	5	12	1	8	1	115	135	1073	89372	21
CRX0013	128	129	1	0.24	516	1054	120	434	65	16	46	24	4	8	1	5	1	149	93	858	68748	14
CRX0013	129	130	1	0.18	354	786	96	358	60	16	44	24	3	8	1	5	0	74	86	758	69206	15
CRX0013	130	131	1	0.2	402	870	103	376	61	16	44	24	4	7	1	5	0	67	85	758	69206	15
CRX0013	131	132	1	0.52	1342	2411	249	820	107	26	68	34	5	11	1	7	1	90	131	1187	73102	30
CRX0013	132	133	1	0.51	1375	2417	249	797	93	21	54	25	4	8	1	6	0	137	91	1173	88227	16
CRX0013	133	134	1	0.4	880	1768	196	703	101	26	68	37	6	13	2	10	1	118	150	1144	103809	66
CRX0013	134	135	1	0.27	401	1066	146	607	115	31	83	52	8	19	2	13	2	80	196	1259	91435	215
CRX0013	135	136	1	0.3	412	1150	159	661	125	34	90	59	9	21	3	15	2	61	217	1659	107018	205
CRX0013	136	137	1	0.38	744	1619	196	730	121	31	84	49	8	17	2	11	1	72	187	1903	90747	97
CRX0013	137	138	1	AA																		
CRX0015	0	3	3	0.05	76	319	17	59	9	2	7	7	1	4	0	3	0	21	29	86	1375	19
CRX0015	3	6	3	0.06	129	222	27	93	14	3	11	7	1	4	0	3	0	20	41	86	1604	16
CRX0015	6	8	2	0.53	1570	2535	248	735	72	15	38	19	3	6	1	6	1	52	72	415	11916	20
CRX0015	8	11	3	0.1	203	419	48	176	29	7	22	13	2	6	1	6	0	21	63	200	17416	8
CRX0015	11	14	3	0.06	103	241	29	118	19	5	14	8	1	3	0	3	0	20	36	215	9396	18
CRX0015	14	17	3	0.1	211	442	50	189	32	9	24	15	2	6	1	5	1	28	58	343	5271	13
CRX0015	17	21	4	0.09	168	365	43	171	28	8	22	14	2	5	1	3	1	18	56	286	4583	10

Hole ID	From	To	Interval	TREO + Y2O3 %	La2O3 ppm	CeO2 ppm	Pr6O11 ppm	Nd2O3 ppm	Sm2O3 ppm	Eu2O3 ppm	Gd2O3 ppm	Dy2O3 ppm	Ho2O3 ppm	Er2O3 ppm	Tm2O3 ppm	Yb2O3 ppm	Lu2O3 ppm	Sc2O3 ppm	Y2O3 ppm	Nb2O5 ppm	P2O5 ppm	Th ppm
CRX0015	21	25	4	0.19	348	786	94	380	66	17	49	32	5	13	2	9	2	37	130	629	15812	11
CRX0015	25	26	1	0.32	596	1323	161	657	116	30	90	52	8	18	2	13	2	35	178	744	20624	16
CRX0015	26	27	1	0.24	420	999	121	498	86	22	59	34	5	12	2	10	2	58	104	1574	14895	16
CRX0015	27	28	1	0.19	325	792	103	425	74	19	51	29	4	10	1	9	2	32	89	1073	10312	14
CRX0015	28	29	1	0.23	374	941	126	523	89	23	62	34	5	12	1	10	2	41	104	1316	11916	19
CRX0015	29	30	1	0.29	457	1209	161	652	109	27	67	37	5	13	2	13	2	81	113	2089	13750	30
CRX0015	30	31	1	0.2	294	839	115	467	80	20	50	28	4	10	1	9	2	58	80	1545	10312	17
CRX0015	31	32	1	0.23	340	924	130	549	96	25	69	37	6	12	1	10	2	57	113	1502	12145	17
CRX0015	32	34	2	0.17	265	694	91	377	66	18	48	30	5	11	1	11	2	52	103	1016	24749	15
CRX0015	34	38	4	0.15	222	586	76	320	56	15	42	26	4	10	1	8	1	38	95	958	49728	11
CRX0015	38	41	3	0.24	346	956	128	504	97	25	70	39	6	14	2	10	2	63	152	1273	68519	31
CRX0015	41	44	3	0.3	476	1220	157	612	118	30	91	49	8	18	2	11	2	35	194	1001	109997	28
CRX0015	44	45	1	0.32	500	1290	167	653	127	34	101	61	10	24	3	18	3	48	258	1359	87081	24
CRX0015	45	46	1	0.34	551	1379	173	668	128	33	103	61	11	26	3	18	3	77	267	1245	98539	23
CRX0015	46	47	1	0.24	374	932	120	464	89	24	73	50	9	22	3	17	3	83	253	1073	64623	16
CRX0015	47	48	1	0.37	632	1510	187	707	135	36	101	64	11	26	3	20	3	160	235	1216	28416	25
CRX0015	48	49	1	0.8	1447	3389	413	1608	288	75	210	114	17	37	4	24	3	255	356	1545	34603	44
CRX0015	49	50	1	0.8	1507	3485	412	1505	260	66	188	106	17	38	5	27	5	313	350	1688	37582	72
CRX0015	50	51	1	3.19	8568	15265	1545	4821	571	128	327	145	21	44	5	25	3	883	460	9127	62102	82
CRX0015	51	52	1	2.59	6700	12312	1306	4179	515	117	292	116	16	32	3	14	2	675	335	11029	72644	57
CRX0015	52	53	1	1.82	4516	8609	926	2982	392	90	235	92	13	24	2	10	1	483	267	8154	75164	37
CRX0015	53	54	1	1.17	3066	5513	580	1877	243	55	139	56	8	15	1	7	1	304	171	2203	80664	20
CRX0015	54	55	1	0.96	2445	4627	473	1530	194	43	111	43	6	12	1	5	1	235	124	2274	60957	22
CRX0015	55	56	1	0.82	2204	3895	391	1252	151	34	88	34	5	9	1	5	1	173	107	858	53623	11
CRX0015	56	57	1	0.89	2439	4248	423	1329	158	35	90	36	5	10	1	5	1	114	109	615	48811	11
CRX0015	57	58	1	0.75	2022	3605	359	1130	136	31	77	32	5	9	1	5	1	98	100	1416	41936	13
CRX0015	58	59	1	0.46	1169	2131	224	737	99	23	62	27	4	9	1	5	1	103	89	758	42853	14
CRX0015	59	60	1	0.34	810	1543	169	570	82	19	52	24	4	8	1	5	1	137	85	1101	40103	11

Hole ID	From	To	Interval	TREO + Y2O3 %	La2O3 ppm	CeO2 ppm	Pr6O11 ppm	Nd2O3 ppm	Sm2O3 ppm	Eu2O3 ppm	Gd2O3 ppm	Dy2O3 ppm	Ho2O3 ppm	Er2O3 ppm	Tm2O3 ppm	Yb2O3 ppm	Lu2O3 ppm	Sc2O3 ppm	Y2O3 ppm	Nb2O5 ppm	P2O5 ppm	Th ppm
CRX0015	60	61	1	0.18	314	741	91	338	61	17	48	28	5	11	1	7	1	34	116	701	44457	16
CRX0015	61	62	1	0.3	712	1368	149	500	75	18	53	27	4	9	1	8	1	78	100	615	38957	11
CRX0015	62	63	1	0.6	1698	2839	276	881	100	22	56	24	4	8	1	6	1	87	86	429	38957	25
CRX0015	63	64	1	1.53	4728	7453	687	1985	175	35	80	29	4	8	1	5	1	141	91	629	38728	24
CRX0015	64	65	1	1.52	4730	7329	669	1941	182	38	91	37	5	11	1	6	1	144	118	601	40790	20
CRX0015	65	66	1	0.54	1431	2562	260	840	101	24	63	31	5	9	1	6	1	129	108	587	53623	12
CRX0015	66	67	1	0.17	337	728	83	306	50	13	37	23	4	8	1	6	1	57	88	544	35061	10
CRX0015	67	71	4	0.22	460	954	106	395	61	16	43	24	4	8	1	6	1	80	94	629	41020	10
CRX0015	71	75	4	0.24	483	1042	117	421	67	18	48	28	4	10	1	9	1	98	112	687	37811	13
CRX0015	75	76	1	0.38	874	1732	184	630	88	22	59	32	5	11	1	8	1	100	119	787	48124	13
CRX0015	76	77	1	1.07	3001	5133	508	1600	169	36	91	37	5	10	1	7	1	206	122	629	59811	15
CRX0015	77	81	4	0.36	832	1655	178	619	85	21	56	28	4	9	1	6	1	98	98	916	45832	13
CRX0015	81	85	4	0.25	476	1109	130	493	81	20	55	28	4	9	1	6	1	155	99	772	55686	13
CRX0015	85	86	1	0.38	939	1766	182	612	82	19	50	22	3	7	1	5	1	140	74	1073	34832	10
CRX0015	86	89	3	0.22	442	1004	115	437	70	17	48	24	3	7	1	5	0	114	75	901	43082	11
CRX0015	89	92	3	0.24	477	1043	119	443	70	17	47	26	4	8	1	7	1	64	91	787	44686	13
CRX0015	92	96	4	0.26	625	1189	124	427	61	15	40	21	3	7	1	6	1	64	75	658	32312	11
CRX0016	0	3	3	0.03	43	142	10	34	6	1	5	5	1	3	1	5	1	17	28	57	1604	14
CRX0016	3	6	3	0.04	80	173	18	65	12	2	10	7	1	4	1	3	1	21	41	57	917	17
CRX0016	6	9	3	0.11	283	505	53	176	24	6	17	11	2	4	1	3	1	29	48	215	4354	20
CRX0016	9	13	4	0.19	486	899	89	290	38	9	25	14	2	5	1	5	1	28	55	343	13979	9
CRX0016	13	16	3	0.06	127	276	31	115	20	5	14	9	1	3	0	3	0	15	36	243	10771	5
CRX0016	16	20	4	0.07	122	284	33	120	20	5	14	9	1	4	0	3	0	15	37	200	13062	5
CRX0016	20	23	3	0.06	109	242	28	105	17	4	13	9	1	3	0	2	0	17	32	200	9854	4
CRX0016	23	26	3	0.06	102	240	30	112	21	5	14	9	2	4	0	3	0	14	39	243	12145	9
CRX0016	26	27	1	0.09	164	373	45	167	30	8	23	14	3	6	1	6	1	21	63	243	24291	8
CRX0016	27	30	3	0.1	217	456	53	189	30	7	20	11	2	5	1	5	1	21	50	286	17187	8
CRX0016	30	34	4	0.05	84	195	24	90	16	4	11	6	1	2	0	3	0	1	24	215	11458	4

Hole ID	From	To	Interval	TREO + Y2O3 %	La2O3 ppm	CeO2 ppm	Pr6O11 ppm	Nd2O3 ppm	Sm2O3 ppm	Eu2O3 ppm	Gd2O3 ppm	Dy2O3 ppm	Ho2O3 ppm	Er2O3 ppm	Tm2O3 ppm	Yb2O3 ppm	Lu2O3 ppm	Sc2O3 ppm	Y2O3 ppm	Nb2O5 ppm	P2O5 ppm	Th ppm
CRX0016	34	38	4	0.09	185	372	44	156	24	6	16	9	1	3	0	3	0	28	36	343	16270	5
CRX0016	38	42	4	0.09	168	370	43	159	28	7	18	11	2	5	1	5	1	25	47	443	19020	6
CRX0016	42	46	4	0.25	593	1144	121	408	56	13	33	17	3	6	1	5	1	63	63	572	26583	11
CRX0016	46	50	4	0.07	147	318	37	136	23	6	16	9	2	4	1	5	1	21	38	358	14437	6
CRX0016	50	54	4	0.1	157	393	50	195	36	9	25	16	3	6	1	7	1	26	63	486	27041	8
CRX0016	54	58	4	0.12	175	472	62	245	45	12	32	19	3	7	1	6	1	23	72	615	32999	13
CRX0016	58	62	4	0.17	279	727	94	362	65	16	42	22	4	8	1	7	1	21	80	587	32999	63
CRX0016	62	65	3	0.22	455	973	113	402	64	16	43	24	4	8	1	6	1	35	85	629	43540	15
CRX0016	65	68	3	0.11	170	450	59	233	43	11	30	18	3	7	1	6	1	32	67	529	32082	12
CRX0016	68	71	3	0.1	156	403	54	209	39	11	28	16	3	6	1	6	1	26	62	558	30937	9
CRX0016	71	72	1	0.16	313	687	82	304	55	14	40	25	4	9	1	8	1	44	103	644	46061	13
CRX0016	72	73	1	0.29	756	1365	144	472	61	14	37	17	2	5	0	3	0	127	56	1173	32770	7
CRX0016	73	74	1	1.51	4669	7279	692	2035	195	39	86	29	4	7	1	3	0	169	86	3247	48353	21
CRX0016	74	75	1	0.24	555	1107	121	433	65	15	40	20	3	6	1	3	0	160	69	730	38270	7
CRX0016	75	76	1	0.79	2091	3749	382	1215	147	33	81	36	5	11	1	7	1	126	121	1230	58207	15
CRX0016	76	77	1	0.34	778	1522	168	593	84	21	52	26	4	9	1	6	1	106	100	873	51561	10
CRX0016	77	78	1	0.2	420	868	98	348	55	14	40	21	4	8	1	6	1	48	86	615	32541	27
CRX0016	78	79	1	0.28	585	1222	141	505	79	20	55	28	4	9	1	6	1	123	100	629	40790	16
CRX0016	79	80	1	2.14	5735	10191	1045	3336	390	89	218	83	11	22	2	10	1	212	258	9298	132454	71
CRX0016	80	81	1	1.01	2374	4707	515	1781	245	58	152	60	9	16	2	7	1	189	189	2933	127642	25
CRX0016	81	82	1	0.41	807	1862	220	819	128	33	84	37	5	11	1	6	1	296	119	1087	81123	12
CRX0016	82	83	1	0.7	1622	3275	353	1219	167	41	101	40	6	11	1	5	1	259	133	3576	83643	14
CRX0016	83	84	1	0.4	956	1895	205	684	91	23	56	24	4	7	1	3	0	163	80	7510	46290	14
CRX0016	84	85	1	0.32	728	1490	164	575	81	20	52	22	3	7	1	3	0	176	77	2174	49040	9
CRX0016	85	86	1	0.29	549	1289	153	567	88	22	59	25	4	7	1	3	0	202	84	1645	69894	8
CRX0016	86	87	1	0.26	593	1248	131	439	56	14	33	15	2	5	1	3	0	265	56	8840	29332	11
CRX0016	87	88	1	1.75	5305	8691	822	2308	184	36	67	18	3	5	0	3	0	414	57	22359	10541	52
CRX0016	88	89	1	0.69	1742	3496	345	1032	103	24	50	21	3	8	1	6	1	353	89	44603	20854	37

Hole ID	From	To	Interval	TREO + Y2O3 %	La2O3 ppm	CeO2 ppm	Pr6O11 ppm	Nd2O3 ppm	Sm2O3 ppm	Eu2O3 ppm	Gd2O3 ppm	Dy2O3 ppm	Ho2O3 ppm	Er2O3 ppm	Tm2O3 ppm	Yb2O3 ppm	Lu2O3 ppm	Sc2O3 ppm	Y2O3 ppm	Nb2O5 ppm	P2O5 ppm	Th ppm
CRX0016	89	90	1	0.28	617	1300	143	502	73	18	47	25	4	10	1	7	1	121	98	3819	38270	11
CRX0016	90	91	1	0.29	647	1317	146	513	77	19	51	28	4	11	1	7	1	100	113	1130	48353	7
CRX0016	91	92	1	0.21	450	930	105	372	56	14	39	21	3	8	1	6	1	87	84	687	33228	5
CRX0016	92	93	1	0.93	2750	4495	430	1296	129	28	67	28	4	9	1	6	1	86	100	544	39186	10
CRX0016	93	94	1	0.92	2629	4473	429	1329	135	29	69	27	4	9	1	6	1	132	102	472	35749	10
CRX0016	94	95	1	0.48	1192	2280	235	770	92	22	53	24	4	8	1	6	1	124	90	372	33457	7
CRX0016	95	96	1	0.24	513	1087	121	439	66	17	46	24	4	9	1	7	1	94	100	358	33228	5
CRX0016	96	97	1	0.32	705	1425	167	604	90	22	55	26	4	10	1	7	1	115	103	358	39645	27
CRX0016	97	98	1	0.52	1326	2481	253	822	100	22	56	26	4	8	1	7	1	135	93	472	35291	26
CRX0016	98	99	1	0.19	394	844	95	349	55	14	40	20	3	7	1	5	1	77	77	343	28187	10
CRX0016	99	100	1	0.19	379	829	95	348	55	14	36	18	3	6	1	5	1	101	70	172	24291	8
CRX0016	100	104	4	0.25	528	1139	132	477	74	18	50	25	4	7	1	5	1	137	84	343	38728	8
CRX0016	104	107	3	0.25	531	1151	130	469	73	19	48	24	4	7	1	5	1	133	81	343	36666	7
CRX0016	107	108	1	0.48	1166	2257	242	820	111	26	68	30	4	10	1	6	1	160	108	386	48582	8
CRX0016	108	111	3	0.36	850	1618	178	614	85	20	55	26	4	9	1	6	1	170	103	529	39186	13
CRX0016	111	114	3	0.35	844	1667	176	602	81	19	50	21	3	6	1	3	0	54	69	658	33916	6
CRX0016	114	115	1	0.37	745	1656	191	703	111	27	71	31	4	9	1	5	1	48	99	2246	71956	13
CRX0016	115	116	1	0.4	809	1803	207	762	122	29	77	34	5	10	1	6	1	61	113	1731	69894	14
CRX0016	116	117	1	0.35	661	1540	183	694	120	29	78	34	5	10	1	6	1	52	118	1845	78373	17
CRX0016	117	118	1	0.21	361	909	114	446	80	20	57	27	4	8	1	5	1	38	94	1402	63248	13
CRX0016	118	119	1	0.18	332	791	96	373	66	16	44	21	3	7	1	5	0	83	75	772	43770	10
CRX0016	119	120	1	0.21	420	925	113	421	66	17	45	22	3	7	1	5	1	78	75	715	41249	22
CRX0016	120	121	1	0.26	558	1139	132	478	70	17	46	24	4	8	1	5	1	84	80	801	43770	12
CRX0016	121	122	1	1	3088	4716	459	1366	134	29	69	27	4	7	1	3	0	89	80	787	41936	11
CRX0016	122	123	1	0.61	1534	2830	306	1022	127	29	74	30	4	8	1	3	0	72	91	544	42395	9
CRX0016	123	126	3	0.36	846	1647	186	653	90	22	56	25	3	7	1	3	0	109	79	830	48582	8
CRX0017	0	3	3	0.04	62	192	14	48	8	2	6	6	1	3	1	3	1	17	27	86	1833	14
CRX0017	3	7	4	0.04	93	184	21	75	12	3	9	7	1	3	1	3	0	20	37	86	1146	18

Hole ID	From	To	Interval	TREO + Y2O3 %	La2O3 ppm	CeO2 ppm	Pr6O11 ppm	Nd2O3 ppm	Sm2O3 ppm	Eu2O3 ppm	Gd2O3 ppm	Dy2O3 ppm	Ho2O3 ppm	Er2O3 ppm	Tm2O3 ppm	Yb2O3 ppm	Lu2O3 ppm	Sc2O3 ppm	Y2O3 ppm	Nb2O5 ppm	P2O5 ppm	Th ppm
CRX0017	7	11	4	0.56	1758	2721	252	706	64	13	32	15	2	5	1	3	0	31	55	272	8021	15
CRX0017	11	15	4	0.07	155	303	36	133	21	5	15	9	2	4	1	3	0	25	39	200	12375	5
CRX0017	15	19	4	0.11	253	499	57	197	29	7	21	11	2	4	1	3	0	23	46	200	17187	3
CRX0017	19	22	3	0.06	124	257	31	117	19	5	14	9	1	3	0	2	0	12	34	243	20166	3
CRX0017	22	25	3	0.08	143	313	39	148	27	7	20	12	2	5	1	3	0	18	51	257	25208	5
CRX0017	25	29	4	0.05	89	204	27	105	19	5	13	8	1	3	0	2	0	15	30	257	12833	3
CRX0017	29	33	4	0.06	135	273	34	124	19	5	12	7	1	2	0	2	0	17	25	229	8479	7
CRX0017	33	34	1	0.08	158	332	40	148	26	7	19	12	2	5	1	3	0	18	48	229	17416	4
CRX0017	34	36	2	0.06	130	264	31	112	19	4	13	9	1	4	1	5	0	18	42	100	9396	6
CRX0017	36	40	4	0.13	262	549	65	230	35	9	24	14	2	5	1	5	1	25	57	200	21541	4
CRX0017	40	44	4	0.14	344	618	68	224	28	8	17	9	1	3	0	2	0	20	33	257	15125	4
CRX0017	44	48	4	0.04	67	157	21	77	14	4	11	7	1	3	0	2	0	15	27	243	8708	2
CRX0017	48	52	4	0.06	106	228	28	107	18	5	13	8	1	3	0	2	0	17	32	257	12604	3
CRX0017	52	56	4	0.04	76	170	21	78	14	4	10	6	1	3	0	2	0	17	28	172	8479	3
CRX0017	56	60	4	0.07	141	301	37	133	24	6	18	11	2	4	1	3	0	15	46	272	14666	7
CRX0017	60	63	3	0.07	144	312	36	133	24	6	17	10	2	4	1	3	0	17	44	272	15354	9
CRX0017	63	66	3	0.06	93	235	29	115	22	6	17	10	2	4	0	3	0	21	38	386	17416	7
CRX0017	66	69	3	0.09	144	356	45	171	33	9	24	14	2	5	1	3	0	26	53	472	24062	7
CRX0017	69	72	3	0.14	269	593	69	262	45	12	33	19	3	7	1	5	1	23	76	386	31624	7
CRX0017	72	75	3	0.15	292	620	72	272	47	13	35	21	4	8	1	6	1	28	88	472	38270	9
CRX0017	75	76	1	0.15	245	615	77	295	54	14	39	22	3	7	1	5	1	32	81	587	35749	14
CRX0017	76	77	1	0.09	117	364	52	201	35	8	22	12	2	4	0	2	0	41	41	401	2521	21
CRX0017	77	78	1	0.1	151	456	61	236	40	10	25	13	2	4	0	2	0	51	44	358	2750	25
CRX0017	78	79	1	0.11	162	439	57	225	42	11	30	17	3	6	1	5	0	35	62	529	24520	9
CRX0017	79	80	1	0.28	703	1321	138	460	60	14	35	18	3	6	1	3	0	32	62	501	23833	8
CRX0017	80	81	1	0.12	195	478	62	244	44	12	31	18	3	6	1	5	1	26	65	629	29791	12
CRX0017	81	84	3	0.09	160	387	50	191	34	10	25	14	2	5	1	5	1	21	52	572	25437	8
CRX0018	1	4	3	0.03	47	142	11	38	7	1	6	6	1	3	0	3	0	17	27	57	1146	14

Hole ID	From	To	Interval	TREO + Y2O3 %	La2O3 ppm	CeO2 ppm	Pr6O11 ppm	Nd2O3 ppm	Sm2O3 ppm	Eu2O3 ppm	Gd2O3 ppm	Dy2O3 ppm	Ho2O3 ppm	Er2O3 ppm	Tm2O3 ppm	Yb2O3 ppm	Lu2O3 ppm	Sc2O3 ppm	Y2O3 ppm	Nb2O5 ppm	P2O5 ppm	Th ppm
CRX0018	4	7	3	0.03	61	151	13	49	9	2	7	6	1	3	0	3	0	18	29	57	687	18
CRX0018	7	10	3	0.14	334	613	65	227	35	9	24	15	3	6	1	5	1	34	66	186	5271	22
CRX0018	10	12	2	0.13	281	552	63	224	37	10	26	15	3	6	1	6	1	37	61	415	6187	10
CRX0018	12	13	1	0.1	220	430	52	182	31	8	22	13	2	5	1	5	1	32	56	343	3667	8
CRX0018	13	14	1	0.31	807	1397	157	527	70	17	45	21	3	7	1	5	1	54	80	730	8021	9
CRX0018	14	15	1	2.38	7012	11348	1109	3304	347	75	184	80	12	25	3	16	2	166	312	5007	36436	36
CRX0018	15	16	1	0.42	1151	2039	200	622	71	16	39	19	3	6	1	5	1	58	69	801	7791	17
CRX0018	16	17	1	0.2	578	954	93	281	31	7	16	6	1	2	0	1	0	17	25	257	3208	10
CRX0018	17	18	1	0.06	145	274	30	101	14	4	10	5	1	2	0	2	0	14	19	229	3208	6
CRX0018	18	19	1	0.09	190	375	43	153	24	6	16	9	1	3	0	3	1	18	33	415	2521	7
CRX0018	19	20	1	0.06	140	286	33	115	19	5	12	6	1	2	0	2	0	15	19	229	2292	5
CRX0018	20	22	2	0.03	54	109	13	42	8	2	6	5	1	3	0	2	0	18	20	229	1833	4
CRX0018	22	24	2	0.03	65	125	14	49	8	2	6	3	1	2	0	2	0	14	18	200	687	5
CRX0018	24	27	3	0.03	55	125	16	59	11	3	9	5	1	2	0	2	0	15	24	129	5958	4
CRX0018	27	29	2	0.02	34	85	11	42	8	2	6	4	1	2	0	1	0	12	18	172	4583	3
CRX0018	29	31	2	0.05	94	206	25	93	17	4	13	9	1	4	0	3	0	20	36	229	11687	5
CRX0018	31	35	4	0.15	394	697	69	222	28	6	17	10	1	3	0	2	0	34	36	229	12604	5
CRX0018	35	39	4	0.05	106	230	27	98	17	4	12	7	1	3	0	2	0	26	28	172	11687	3
CRX0018	39	43	4	0.04	67	147	18	68	12	3	9	6	1	2	0	2	0	15	23	172	9396	3
CRX0018	43	47	4	0.06	121	258	30	111	19	5	14	8	1	3	0	2	0	20	33	243	9854	5
CRX0018	47	51	4	0.3	767	1427	143	463	62	15	39	21	3	7	1	6	1	72	76	544	30478	10
CRX0018	51	55	4	0.14	283	603	72	261	47	12	34	20	3	7	1	5	1	41	74	758	29332	13
CRX0018	55	59	4	0.24	538	1072	118	406	63	16	44	24	4	9	1	6	1	52	91	730	41020	12
CRX0018	59	63	4	0.13	238	521	62	230	43	12	37	21	3	8	1	5	1	31	83	558	41936	9
CRX0018	63	67	4	0.14	319	638	70	241	38	10	26	15	2	5	1	5	1	23	58	343	30707	6
CRX0018	67	71	4	0.09	161	361	44	166	32	9	27	15	3	6	1	3	1	20	65	372	38041	8
CRX0018	71	75	4	0.09	154	353	44	170	33	9	27	15	3	6	1	5	1	20	63	443	35291	6
CRX0018	75	78	3	0.08	128	302	37	143	29	8	24	14	2	5	1	3	1	17	55	429	34832	6

Hole ID	From	To	Interval	TREO + Y2O3 %	La2O3 ppm	CeO2 ppm	Pr6O11 ppm	Nd2O3 ppm	Sm2O3 ppm	Eu2O3 ppm	Gd2O3 ppm	Dy2O3 ppm	Ho2O3 ppm	Er2O3 ppm	Tm2O3 ppm	Yb2O3 ppm	Lu2O3 ppm	Sc2O3 ppm	Y2O3 ppm	Nb2O5 ppm	P2O5 ppm	Th ppm
CRX0018	78	81	3	0.09	164	373	46	176	34	10	29	17	3	6	1	5	1	18	65	415	39416	17
CRX0018	81	84	3	0.39	1024	1863	187	601	74	17	43	21	3	7	1	5	1	54	75	615	36207	14
CRX0019	0	3	3	0.05	70	278	16	56	10	2	8	7	1	3	0	3	0	23	30	100	2062	20
CRX0019	3	6	3	0.32	808	1481	146	476	63	15	40	21	3	8	1	6	1	48	90	558	11458	24
CRX0019	6	8	2	0.21	398	882	102	379	66	17	48	28	5	10	1	7	1	89	119	372	8937	14
CRX0019	8	9	1	0.29	578	1284	144	528	89	23	64	36	5	12	1	8	1	95	133	458	27728	9
CRX0019	9	12	3	0.78	2003	3685	369	1212	154	36	96	44	7	14	2	9	1	133	163	529	18104	12
CRX0019	12	14	2	0.6	1431	2800	294	1004	135	32	84	37	6	12	1	8	1	156	136	687	17187	11
CRX0019	14	15	1	0.44	952	2010	222	772	115	28	72	38	6	12	1	8	1	167	132	572	16500	9
CRX0019	15	16	1	0.5	1067	2266	254	896	135	32	86	41	6	13	1	8	1	241	143	615	19479	10
CRX0019	16	17	1	0.39	726	1720	203	760	132	34	96	48	7	15	2	9	1	206	159	1044	16041	9
CRX0019	17	18	1	1.23	3225	5943	599	1911	221	48	118	50	7	15	2	8	1	206	168	1159	24978	20
CRX0019	18	19	1	0.8	1940	3798	394	1312	170	39	100	44	6	13	1	8	1	179	146	830	32999	13
CRX0019	19	20	1	1.43	3772	6826	706	2249	262	57	143	56	8	16	2	8	1	213	184	1359	38728	18
CRX0019	20	21	1	0.93	2212	4417	467	1572	209	48	123	52	7	13	1	7	1	359	149	4163	30707	18
CRX0019	21	22	1	0.42	880	1905	214	776	122	31	80	41	6	14	2	9	1	170	140	1287	26583	10
CRX0019	22	23	1	0.51	1063	2324	265	972	158	40	103	47	7	13	1	7	1	178	130	1202	21541	11
CRX0019	23	24	1	2.2	6191	10543	1043	3176	339	75	181	76	11	24	3	14	2	267	276	1259	32770	24
CRX0019	24	25	1	0.53	1056	2349	269	982	158	40	107	54	8	18	2	11	2	239	199	1030	34145	8
CRX0019	25	26	1	0.29	579	1260	150	551	89	24	68	38	6	13	1	9	1	132	156	372	63936	16
CRX0019	26	27	1	0.31	585	1333	156	589	90	24	67	37	6	14	2	9	1	133	152	715	67144	12
CRX0019	27	28	1	0.43	783	1829	222	849	144	39	107	58	9	20	2	13	2	126	218	844	91664	11
CRX0019	28	30	2	0.28	518	1199	145	554	92	24	67	35	6	12	1	8	1	109	141	930	81581	13
CRX0019	30	32	2	0.4	957	1857	205	710	96	23	61	26	4	8	1	5	1	80	91	1302	46519	12
CRX0019	32	36	4	0.16	317	706	85	317	51	13	37	20	3	6	1	5	1	61	71	515	38270	5
CRX0019	36	40	4	0.23	444	1020	122	457	71	18	48	24	4	8	1	5	1	72	91	1030	102664	7
CRX0019	40	44	4	0.22	409	936	114	423	67	18	47	25	4	9	1	6	1	104	104	572	69665	6
CRX0019	44	45	1	0.2	371	867	105	394	63	16	45	22	3	8	1	6	1	112	86	1030	47894	11

Hole ID	From	To	Interval	TREO + Y2O3 %	La2O3 ppm	CeO2 ppm	Pr6O11 ppm	Nd2O3 ppm	Sm2O3 ppm	Eu2O3 ppm	Gd2O3 ppm	Dy2O3 ppm	Ho2O3 ppm	Er2O3 ppm	Tm2O3 ppm	Yb2O3 ppm	Lu2O3 ppm	Sc2O3 ppm	Y2O3 ppm	Nb2O5 ppm	P2O5 ppm	Th ppm
CRX0019	45	46	1	0.27	491	1193	146	553	85	22	58	28	4	9	1	5	1	138	98	858	74248	6
CRX0019	46	47	1	0.4	729	1786	220	836	127	33	86	39	6	12	1	6	1	138	137	2775	89831	11
CRX0019	47	48	1	0.23	422	984	120	462	75	20	54	29	4	10	1	6	1	69	112	1044	57977	8
CRX0019	48	49	1	0.32	642	1430	167	624	97	25	67	34	5	11	1	6	1	100	118	944	57748	10
CRX0019	49	50	1	0.25	454	1070	138	503	85	22	60	30	5	10	1	6	1	97	117	787	58436	10
CRX0019	50	53	3	0.23	456	986	121	430	68	17	48	24	4	9	1	6	1	114	98	715	50415	6
CRX0019	53	55	2	0.2	389	843	105	376	66	17	49	27	4	10	1	7	1	63	116	758	50186	7
CRX0019	55	59	4	0.4	887	1822	216	726	103	25	67	30	5	11	1	8	1	109	131	772	82956	12
CRX0019	59	60	1	0.37	888	1667	187	621	85	21	54	28	4	10	1	6	1	140	105	1473	53165	12
CRX0019	60	61	1	0.25	454	1076	141	518	87	22	58	32	5	11	1	8	1	95	127	1745	45603	14
CRX0019	61	62	1	0.28	569	1225	152	539	85	22	59	31	5	11	1	8	1	109	126	1516	61415	14
CRX0019	62	63	1	0.38	907	1712	193	642	89	21	56	25	4	8	1	6	1	130	95	1659	57748	11
CRX0019	63	64	1	0.32	693	1413	169	574	85	21	56	29	4	10	1	7	1	117	110	1416	56373	12
CRX0019	64	65	1	0.22	415	932	119	421	68	18	49	25	4	9	1	7	1	124	105	1774	54082	13
CRX0019	65	66	1	0.2	367	833	106	381	64	17	46	26	4	10	1	7	1	114	110	1216	55915	12
CRX0019	66	67	1	0.31	638	1356	166	573	89	22	62	31	5	11	1	8	1	112	128	2961	65081	13
CRX0019	67	68	1	0.3	606	1301	162	577	92	23	64	33	5	12	1	9	1	123	137	2918	62561	14
CRX0019	68	69	1	0.27	509	1110	143	518	86	22	62	36	6	16	2	13	2	90	163	2217	68748	12
CRX0019	69	70	1	0.29	593	1241	154	538	85	21	56	30	5	11	1	8	1	110	124	1688	53394	11
CRX0019	70	71	1	0.28	575	1219	150	525	83	21	56	31	5	12	1	9	1	95	126	1702	47436	12
CRX0019	71	72	1	0.31	668	1370	164	556	84	20	55	27	4	10	1	8	1	115	109	1445	43999	10
CRX0019	72	73	1	0.22	437	952	120	423	67	17	45	24	4	9	1	6	1	112	94	1030	44686	9
CRX0019	73	74	1	0.3	576	1271	161	586	95	24	65	33	5	12	1	8	1	87	133	1116	70581	11
CRX0019	74	75	1	0.21	344	834	112	422	75	20	56	33	6	14	2	11	2	69	150	1359	67144	13
CRX0019	75	76	1	0.2	312	782	108	414	75	18	51	34	6	15	2	10	2	63	138	1574	69894	24
CRX0019	76	77	1	0.17	251	682	91	367	70	18	53	32	5	13	2	10	2	46	145	1287	55915	19
CRX0019	77	78	1	0.21	318	838	112	441	84	23	63	39	7	16	2	13	2	63	171	1259	72873	24
CRX0019	78	79	1	0.26	490	1169	141	523	85	21	58	29	4	9	1	6	1	163	103	1373	57748	17

Hole ID	From	To	Interval	TREO + Y2O3 %	La2O3 ppm	CeO2 ppm	Pr6O11 ppm	Nd2O3 ppm	Sm2O3 ppm	Eu2O3 ppm	Gd2O3 ppm	Dy2O3 ppm	Ho2O3 ppm	Er2O3 ppm	Tm2O3 ppm	Yb2O3 ppm	Lu2O3 ppm	Sc2O3 ppm	Y2O3 ppm	Nb2O5 ppm	P2O5 ppm	Th ppm
CRX0019	79	80	1	0.28	527	1223	147	544	86	21	57	28	4	10	1	6	1	164	107	1273	60498	16
CRX0019	80	81	1	0.25	487	1137	137	499	78	20	53	26	4	8	1	5	0	202	94	1345	52936	11
CRX0019	81	82	1	0.5	1301	2451	239	743	83	18	43	18	3	6	1	5	1	218	66	2089	25208	14
CRX0019	82	83	1	0.48	1108	2258	240	819	108	25	65	29	4	9	1	7	1	178	103	2675	52248	13
CRX0019	83	84	1	0.37	853	1735	192	659	91	21	54	23	3	7	1	6	1	186	83	2446	42853	26
CRX0019	84	85	1	0.23	428	989	120	443	72	18	48	25	4	9	1	6	1	137	97	1001	52707	11
CRX0019	85	86	1	0.19	312	776	99	380	70	18	51	28	4	10	1	7	1	78	116	1273	52248	10
CRX0019	86	87	1	0.15	253	599	72	281	52	14	39	22	4	8	1	7	1	57	99	916	54082	11
CRX0019	87	88	1	0.2	319	798	103	400	76	20	59	33	5	13	1	9	1	51	143	1144	54082	11
CRX0019	88	89	1	0.33	695	1438	163	574	93	23	64	33	5	13	1	9	1	124	140	1774	56832	10
CRX0019	89	90	1	0.31	700	1440	160	549	82	20	54	25	4	8	1	6	0	206	93	2060	48811	8
CRX0019	90	91	1	0.14	235	592	76	294	55	15	40	23	4	9	1	6	0	41	102	930	41936	7
CRX0019	91	92	1	0.19	307	770	96	377	68	18	50	27	4	10	1	7	1	67	117	1273	46061	9
CRX0019	92	93	1	0.28	556	1215	144	523	85	22	56	31	5	11	1	9	1	135	126	1659	51561	9
CRX0019	93	94	1	1.87	5553	9177	848	2472	244	52	118	48	7	14	1	8	1	170	164	2789	73790	22
CRX0019	94	95	1	0.31	700	1394	150	517	76	18	51	26	4	10	1	7	1	106	105	1173	52936	9
CRX0019	95	96	1	0.26	514	1177	136	491	79	20	56	29	4	11	1	7	1	107	116	1059	64623	9
CRX0019	96	97	1	0.38	694	1652	199	755	122	32	85	44	7	13	1	8	1	120	156	873	106789	40
CRX0019	97	98	1	0.69	1317	3054	361	1337	207	55	148	75	11	24	3	14	2	183	264	1273	133600	38
CRX0019	98	99	1	1.27	3049	6028	629	2124	268	64	166	75	10	22	2	11	2	291	255	4663	148037	35
CRX0019	99	100	1	0.59	984	2481	317	1239	217	59	161	84	12	27	3	17	2	169	287	1130	141850	48
CRX0019	100	101	1	0.7	1188	2986	378	1472	259	71	194	99	14	30	3	17	2	97	335	1144	145058	37
CRX0019	101	102	1	0.44	731	1835	236	920	165	46	127	67	10	21	2	14	2	80	239	873	112747	36
CRX0019	102	103	1	0.33	558	1376	176	687	122	34	94	48	7	15	2	8	1	86	165	801	86852	20
CRX0019	103	104	1	0.36	600	1469	185	723	135	38	109	60	9	20	2	14	2	61	218	658	106789	24
CRX0019	104	105	1	0.59	1034	2474	309	1190	211	58	160	81	12	25	3	14	2	71	281	887	107018	26
CRX0019	105	106	1	0.26	408	1055	139	547	103	29	81	45	7	14	1	8	1	41	159	672	87310	18
CRX0019	106	107	1	0.29	467	1187	155	611	113	32	90	49	7	16	2	10	1	52	175	858	85018	20

Hole ID	From	To	Interval	TREO + Y2O3 %	La2O3 ppm	CeO2 ppm	Pr6O11 ppm	Nd2O3 ppm	Sm2O3 ppm	Eu2O3 ppm	Gd2O3 ppm	Dy2O3 ppm	Ho2O3 ppm	Er2O3 ppm	Tm2O3 ppm	Yb2O3 ppm	Lu2O3 ppm	Sc2O3 ppm	Y2O3 ppm	Nb2O5 ppm	P2O5 ppm	Th ppm
CRX0019	107	108	1	0.43	642	1719	233	931	173	48	132	73	11	23	3	15	2	97	251	1187	106559	34
CRX0019	108	109	1	0.38	645	1599	202	790	139	39	106	57	9	18	2	11	1	83	198	1001	99226	30
CRX0019	109	110	1	0.46	656	1919	259	1035	181	48	131	66	10	20	2	11	1	69	220	1245	131767	49
CRX0019	110	111	1	0.47	654	1877	259	1038	193	53	148	80	12	26	3	17	3	100	290	1044	130621	37
CRX0019	111	112	1	0.75	1100	3060	411	1675	299	82	229	125	19	41	5	26	3	230	444	2646	26812	94
CRX0019	112	113	1	1.84	3754	8337	977	3498	518	133	352	165	24	48	5	24	3	402	577	5321	46749	65
CRX0019	113	114	1	1.49	3008	6743	786	2851	424	110	298	136	20	39	4	18	2	477	484	6280	52019	53
CRX0019	114	115	1	1.11	1984	4880	596	2229	362	96	263	133	20	43	5	27	3	535	489	3018	31166	46
CRX0019	115	116	1	1.35	2485	5941	715	2673	425	111	310	153	23	48	5	27	3	462	554	4535	32770	59
CRX0019	116	117	1	2.02	3618	8832	1062	3990	664	178	490	258	40	83	9	49	6	558	937	2832	64852	93
CRX0019	117	118	1	1.75	3202	7729	907	3430	548	146	401	207	32	69	8	40	5	560	753	2933	53394	64
CRX0019	118	119	1	2.02	3866	8943	1055	3896	620	162	444	228	35	76	9	48	6	649	833	4492	77914	79
CRX0019	119	120	1	1.9	3807	8497	982	3575	548	142	387	197	29	63	7	39	5	469	716	4005	64623	74
CRX0019	120	121	1	0.75	1398	3271	393	1475	242	64	173	90	14	31	3	19	2	224	342	2332	46749	40
CRX0019	121	122	1	0.72	1321	3143	380	1423	235	62	169	88	13	29	3	19	2	204	328	3333	34374	40
CRX0019	122	123	1	0.79	1436	3437	419	1577	260	70	190	99	15	33	4	20	3	229	366	2933	47665	40
CRX0019	123	124	1	0.45	794	1926	235	888	149	40	111	59	9	21	2	15	2	115	235	1702	78602	32
CRX0019	124	125	1	0.29	511	1247	153	591	101	27	74	41	6	14	1	10	1	118	159	1216	78373	20
CRX0019	125	126	1	0.26	436	1070	134	516	90	25	69	39	6	15	2	10	1	77	160	1473	65081	20
CRX0019	126	127	1	0.24	420	1031	124	468	82	23	65	36	6	13	2	9	1	44	152	1087	58894	14
CRX0019	127	128	1	0.24	394	979	124	485	86	24	67	37	5	13	1	8	1	35	146	1059	61415	18
CRX0019	128	129	1	0.23	376	973	126	489	88	24	66	36	5	13	1	8	1	38	138	1302	62561	16
CRX0019	129	130	1	0.22	339	897	117	456	82	22	63	34	5	12	1	7	1	35	128	1173	60269	17
CRX0019	130	131	1	0.26	418	1098	142	552	96	26	71	39	6	13	1	9	1	43	146	1202	66915	26
CRX0019	131	132	1	0.25	408	1069	138	535	93	25	70	37	5	13	1	8	1	43	137	1359	63706	18
CRX0019	132	133	1	0.19	355	811	99	367	66	17	50	28	5	10	1	7	1	28	116	672	62332	14
CRX0019	133	134	1	0.17	281	703	88	344	63	17	49	28	4	9	1	6	1	29	107	887	55228	15
CRX0019	134	135	1	0.25	448	1079	131	500	85	23	64	35	5	12	1	8	1	51	135	1230	68977	17

Hole ID	From	To	Interval	TREO + Y2O3 %	La2O3 ppm	CeO2 ppm	Pr6O11 ppm	Nd2O3 ppm	Sm2O3 ppm	Eu2O3 ppm	Gd2O3 ppm	Dy2O3 ppm	Ho2O3 ppm	Er2O3 ppm	Tm2O3 ppm	Yb2O3 ppm	Lu2O3 ppm	Sc2O3 ppm	Y2O3 ppm	Nb2O5 ppm	P2O5 ppm	Th ppm
CRX0019	135	136	1	0.28	488	1185	146	546	92	25	69	37	6	14	1	9	1	67	152	1101	68061	17
CRX0019	136	137	1	0.4	715	1735	213	805	132	35	98	51	8	17	2	10	1	83	199	1273	91206	17
CRX0019	137	138	1	0.81	1419	3543	428	1545	277	74	206	111	17	41	5	25	3	109	432	558	153766	48
CRX0019	138	139	1	4.88	15036	23585	2139	6057	643	143	360	156	22	49	5	27	3	109	557	1245	181724	59
CRX0019	139	140	1	3.01	8449	14260	1403	4207	528	129	334	157	22	49	5	26	3	186	536	2389	200744	50
CRX0019	140	141	1	1.19	3372	5781	560	1645	191	44	109	46	7	15	2	8	1	161	154	4306	70123	21
CRX0019	141	142	1	1.08	3133	5235	498	1458	160	36	86	36	5	11	1	6	1	135	121	5393	58665	20
CRX0019	142	143	1	0.7	1914	3411	330	994	120	28	71	30	4	9	1	5	0	74	102	1745	60727	12
CRX0019	143	144	1	0.71	1813	3453	342	1061	135	32	84	38	6	13	1	8	1	161	138	3791	57061	19
CRX0019	144	145	1	0.41	1060	1958	207	649	85	20	52	21	3	6	1	3	0	81	72	3176	45145	15
CRX0019	145	146	1	0.44	1161	2049	215	681	88	21	54	23	3	7	1	3	0	61	83	1731	52707	9
CRX0019	146	147	1	0.59	1634	2790	280	848	100	23	60	25	3	7	1	3	0	49	86	973	57519	9
CRX0019	147	148	1	0.43	1161	2059	213	652	83	20	50	21	3	7	1	3	0	63	76	1488	52478	8
CRX0019	148	149	1	0.48	1291	2270	233	722	93	22	57	25	4	8	1	5	1	67	89	1574	59582	8
CRX0019	149	150	1	0.42	1109	1957	202	628	81	20	50	21	3	6	1	3	0	54	77	1159	49040	7
CRX0019	150	151	1	AA																		
CRX0019	151	152	1	AA																		
CRX0019	152	153	1	AA																		
CRX0019	153	154	1	AA																		
CRX0019	154	155	1	AA																		
CRX0019	155	156	1	AA																		
CRX0019	156	157	1	AA																		
CRX0019	157	158	1	AA																		
CRX0019	158	159	1	AA																		
CRX0019	159	160	1	AA																		
CRX0019	160	161	1	AA																		
CRX0019	161	162	1	AA																		

AA = Assays Awaited

Appendix 2: JORC Tables

JORC Code, 2012 Edition – Table 1		
Cummins Range Section 1 Sampling Techniques and Data		
Criteria	**JORC Code Explanation**	
Sampling techniques	*Nature and quality of sampling (eg cut channels, random chips, or specific specialised industry standard measurement tools appropriate to the minerals under investigation, such as down hole gamma sondes, or handheld XRF instruments, etc). These examples should not be taken as limiting the broad meaning of sampling.* *Include reference to measures taken to ensure sample representivity and the appropriate calibration of any measurement tools or systems used.* *Aspects of the determination of mineralisation that are Material to the Public Report. In cases where 'industry standard' work has been done this would be relatively simple (eg 'reverse circulation drilling was used to obtain 1 m samples from which 3 kg was pulverised to produce a 30 g charge for fire assay'). In other cases more explanation may be required, such as where there is coarse gold that has inherent sampling problems. Unusual commodities or* *mineralisation types (eg submarine nodules) may warrant disclosure of detailed information.*	• The Cummins Range Rare Earth deposit was drilled tested with RC drilling. • The RC drill rig used a 5 ½ inch diameter hammer. Each 1m bulk sample was collected in a plastic bag. • Each metre was analysed with a portable XRF, and recovery and geology logs were completed. • Sample interval selection was based on geological controls and mineralisation • Each 1m bulk sample was split with a riffle splitter to the appropriate size. Samples varied in length from 1m to 4m. • Samples were assayed for 42 elements using either a peroxide fusion with a ICP-OES and ICP-MS finish, or a four acid digest with a ICP-OES and ICP-MS finish
Drilling Techniques	*Drill type (eg core, reverse circulation, open- hole hammer, rotary air blast, auger, Bangka, sonic, etc) and details (eg core diameter, triple or standard tube, depth of diamond tails, face-sampling bit or other type, whether core is oriented and if so, by what method, etc).*	• Reverse circulation (RC) drilling was used for the entire drill program
Drill Sample Recovery	*Method of recording and assessing core and chip sample recoveries and results assessed.* *Measures taken to maximise sample recovery and ensure representative nature of the samples.* *Whether a relationship exists between sample recovery and grade and whether sample bias may have occurred due to preferential loss/gain of fine/coarse material.*	• Drill sample recovery was logged • Sample recovery for drill holes are CRX0012 94%, CRX0013 79%, CRX0015 97%, CRX0016 98%, CRX0017 97%, CRX0018 99%, CRX0019 84%. These recoveries exclude the top 3m where sample recovery is poor due to fine unconsolidated sands.
Logging	*Whether core and chip samples have been geologically and geotechnically logged to a level of detail to support appropriate Mineral Resource estimation, mining studies and metallurgical studies.* *Whether logging is qualitative or quantitative in nature. Core (or costean, channel, etc) photography.* *The total length and percentage of the relevant intersections logged.*	• All metres drilled had a geology log completed. Geology logs were aided using geochemical analysis from a portable XRF. • The detail of logging is appropriated for Mineral Resource estimation.
Sub-sampling techniques	*If core, whether cut or sawn and whether quarter, half or all core taken.* *If non-core, whether riffled, tube sampled, rotary split, etc and whether sampled wet or dry.* *For all sample types, the nature, quality and appropriateness of the sample preparation technique.*	• Splits from the drill rig were not used. The entire 1m bulk sample was split with a riffle splitter to the appropriate size. Samples varied in length from 1m to 4m.

and sample preparation	*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.*	• This sampling technique is better than industry standards and is appropriate for this style of mineralisation and for resource estimation.
Quality of assay data and laboratory tests	*The nature, quality and appropriateness of the assaying and laboratory procedures used and whether the technique is considered partial or total* *For geophysical tools, spectrometers, handheld XRF instruments, etc, the parameters used in determining the analysis including instrument make and model, reading times, calibrations factors applied and their derivation, etc.* *Nature of quality control procedures adopted (eg standards, blanks, duplicates, external laboratory checks) and whether acceptable levels of accuracy (ie lack of bias) and precision have been established.*	The reported assays were analysed by Nagrom. The following techniques were used: • 28 elements were assayed for using peroxide fusion with a ICP-OES and ICP-MS finish • 14 elements were assayed for using four acid digest with a ICP-OES and ICP-MS finish • In addition to internal checks by Nagrom, RareX incorporates a QA/QC sample protocol utilizing prepared standards, blanks and duplicates for 8% of all assayed samples.
Verification of sampling and assaying	*The verification of significant intersections by either independent or alternative company personnel.* *The use of twinned holes.* *The verification of significant intersections by either independent or alternative company personnel.* *Discuss any adjustment to assay data.*	• Significant intercepts were calculated by RareX geological staff. • The intercepts have not been verified by independent persons • There are numerous drill holes with in the Cummins Range resource of comparable tenure • All assay results are reported to RareX in parts per million (ppm). RareX geological staff then convert the parts per million to ppm oxides using the below element to stoichiometric oxide conversion factors. La_2O_3 1.1728, CeO_2 1.2284, Pr_6O_{11} 1.2082, Nd_2O_3 1.1664, Sm_2O_3 1.1596, Eu_2O_3 1.1579, Gd_2O_3 1.1526, Dy_2O_3 1.1477, Ho_2O_3 1.1455, Er_2O_3 1.1435, Tm_2O_3 1.1421, Yb_2O_3 1.1387, Lu_2O_3 1.1371, Sc_2O_3 1.5338, Y_2O_3 1.2699, Nb_2O_5 1.4305, P_2O_5 2.2916
Location of data points	*Accuracy and quality of surveys used to locate drill holes (collar and down-hole surveys), trenches, mine workings and other locations used in Mineral Resource estimation.* *Specification of the grid system used.* *Quality and adequacy of topographic control.*	• Drill hole collars were located by handheld GPS • All coordinates are in MGA Zone 52H 1994 • Topographic control is maintained by the use of previously surveyed drill holes. The Cummins Range deposit is located in flat terrain. • Down hole surveys were taken every 30m, using a digital Reflex multi shot camera.
Data spacing and distribution	*Data spacing for reporting of Exploration Results.* *Whether the data spacing and distribution is sufficient to establish the degree of geological and grade continuity appropriate for the Mineral Resource and Ore Reserve estimation procedure(s) and classifications applied.* *Whether sample compositing has been applied.*	• The purposed of the drill program is to increase the confidence of the >1% TREO+Y resource. Historic drill spacing ranges from 50m to 60m. These infill drill holes will reduce the drill spacing to 25m to 30m.

		• This drill spacing will be sufficient to demonstrate grade continuity to support the definition of a Mineral Resource as per the JORC 2012 code • 2m to 4m composites were completed in areas where higher grades were not expected • Sample intervals are documented in Appendix 1.
Orientation of data in relation to geological structure	*Whether the orientation of sampling achieves unbiased sampling of possible structures and the extent to which this is known, considering the deposit type.* *If the relationship between the drilling orientation and the orientation of key mineralised structures is considered to have introduced a sampling bias, this should be assessed and reported if material.*	• The angled drill holes were directed as best possible across the known geology and is consistent with historic drilling.
Sample security	*The measures taken to ensure sample security*	• Drill samples are delivered to Halls Creek by RareX staff. Then the samples are transported from Halls Creek to Perth via a reputable transport company.

Cummins Range Section 2 Reporting of Exploration Results		
Criteria	***JORC Code Explanation***	
Mineral tenement and land tenure status	*Type, reference name/number, location and ownership including agreements or material issues with third parties such as joint ventures, partnerships, overriding royalties, native title interests, historical sites, wilderness or national park and environmental settings.* *The security of the tenure held at the time of reporting along with any known impediments to obtaining a licence to operate in the area.*	• The Cummins Range REO deposit is located on tenement E80/5092 and is 100% owned by Cummins Range Pty Ltd which is a wholly owned subsidiary of RareX Ltd. Cummins Range Pty Ltd has purchased the tenement from Element 25 with a potential capped royalty payment of $1m should a positive PFS be completed within 36 months of purchase finalisation.
Exploration done by other parties	*Acknowledgment and appraisal of exploration by other parties.*	• CRA Exploration defined REO mineralisation at Cummins Range in 1978 using predominantly aircore drilling. Navigator Resources progressed this discovery with additional drilling after purchasing the tenement in 2006. Navigator announced a resource estimate in 2008. Kimberly Rare Earths drilled additional holes and upgraded the resource estimate in 2012.
Geology	*Deposit type, geological setting and style of mineralisation.*	• The Cummins Range REO deposit occurs within the Cummins Range carbonatite complex which is a 2.0 km diameter near-vertical diatreme pipe that has been deeply weathered but essentially outcropping with only thin aeolian sand cover in places. The diatreme pipe consists of various mafic to ultramafic rocks with later carbonatite intrusions. The primary ultramafic and carbonatite rocks host low to high grade rare earth elements with back ground levels of 1000-2000ppm TREO and high grade zones up to 8% TREO. The current resource sits primarily within the oxidised/weathered zone which reaches to 120m below the surface. Metallurgical studies by previous explorers show the rare earth elements are hosted by Monazite which is a common and favourable host for rare earth elements.
Drill hole information	*A summary of all information material to the understanding of the exploration results including a tabulation of the following information for all Material drill holes:* *easting and northing of the drill hole collar* *elevation or RL (Reduced Level – elevation above sea level in metres) of the drill hole collar* *dip and azimuth of the hole* *down hole length and interception depth* *hole length.* *If the exclusion of this information is justified on the basis that the information is not Material and this exclusion does not detract from the understanding of the report, the Competent Person should clearly explain why this is the case.*	As per body of announcement

Data aggregation methods	*In reporting Exploration Results, weighting averaging techniques, maximum and/or minimum grade truncations (eg cutting of high grades) and cut-off grades are usually Material and should be stated.* *Where aggregate intercepts incorporate short lengths of high grade results and longer lengths of low grade results, the procedure used for such aggregation should be stated and some typical examples of such aggregations should be shown in detail.* *The assumptions used for any reporting of metal equivalent values should be clearly stated.*	• Significant intercepts were calculated using weighted averaging • A lower cut off of 0.5% TREO+Y_2O_3 was used with a maximum of 5m dilution. This cut off grade and dilution is thought to be appropriate due to likely open cut mining methods that would be used on the outcropping ore body.
Relationship between mineralisation widths and intercept lengths	*These relationships are particularly important in the reporting of Exploration Results* *If the geometry of the mineralisation with respect to the drill hole angle is known, its nature should be reported.* *If it is not known and only the down hole lengths are reported, there should be a clear statement to this effect (eg 'down hole length, true width not known').*	• The REE mineralisation that was tested by this drilling program is located in the regolith profile of the Cummins Range diatreme. The weathering profile has created super high grade REE mineralisation with significant vertical and horizonal development. These high grade intersections are mostly focused along a north west structure that extends for over 800m. Thick vertical intersections along this structure will thin as you move towards the north east or south west. The horizontal development of these zones can reach up to hundreds of metres. • The mineralisation is developing in favourable horizons with in the regolith and is interpreted to be horizontal. Drilling at 60 degrees to the south is sufficient to test a horizontal ore body. All significant intercepts mentioned with in this announcement are down hole lengths and not true widths.
Diagrams	*Appropriate maps and sections (with scales) and tabulations of intercepts should be included for any significant discovery being reported These should include, but not be limited to a plan view of drill hole collar locations and appropriate sectional views.*	• Maps and diagrams are included in the body of the announcement
Balanced reporting	*Where comprehensive reporting of all Exploration Results is not practicable, representative reporting of both low and high grades and/or widths should be practiced to avoid misleading reporting of Exploration Results.*	• Reporting is considered balanced
Other substantive exploration data	*Other exploration data, if meaningful and material, should be reported including (but not limited to): geological observations; geophysical survey results; geochemical survey results; bulk samples – size and method of treatment; metallurgical test results; bulk density, groundwater, geotechnical and rock characteristics; potential deleterious or contaminating substances.*	• This announcement describes the second batch of assays and a further 2800 assays are yet to be received over the following weeks. Once all assays have been received a geological model and metallurgical studies will be completed.
Further work	*The nature and scale of planned further work (eg tests for lateral 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.*	• Geological model to be developed • Metallurgical studies to be completed • Update the current JORC inferred resource of 13mt @ 1.13% TREO+Y