Drilling Expands Extensive Rare Earth Mineralisation in Surface Clays at Kennedy Project, Queensland

Delineation of higher-grade zones of magnet rare earths provides a focus for ongoing work

Highlights

- Project-wide drilling defines extensive areas of Rare Earth Elements (REE) in surface clays across the majority of the Kennedy Ionic Clay-Hosted REE Project.
- Higher-grade Magnet Rare Earth Oxides (MREO) – Terbium, Dysprosium, Praseodymium and Neodymium – have been identified in two extensive surface zones of up to 10km x 6km in length.
- These two zones of higher-grade MREO mineralisation represent priority targets for further metallurgical test work.

DevEx Resources (ASX: **DEV**; **DevEx** or **the Company**) is pleased to advise that recent air-core drilling at the Company's 100%-owned **Kennedy Ionic Clay-Hosted REE Project** in North Queensland has further significantly expanded the footprint of total rare earth oxide (TREO) mineralisation in surface clays (see Figure 1 and Tables 1 and 2), with higher grade intervals including:

- 3m @ 1,370ppm TREO (incl 219 ppm MREO) from surface (KAC099)
- 4m @ 1,056ppm TREO (incl 181 ppm MREO) from surface (KAC114)
- 3m @ 1,190ppm TREO (incl 210 ppm MREO) from surface (KAC116)
- 2.5m @ 1,155ppm TREO (incl 197 ppm MREO) from surface (KAC216)
- 3.5m @ 1,208ppm TREO (incl 196 ppm MREO) from surface (KAC232)
- 3.5m @ 1,237ppm TREO (incl 214 ppm MREO) from surface (KAC238)
- 3.5m @ 1,071ppm TREO (incl 209 ppm MREO) from surface (KAC243)
- 3m @ 1,039ppm TREO (incl 192 ppm MREO) from surface (KAC262)
- 3m @ 1,047ppm TREO (incl 194 ppm MREO) from surface (KAC312)

Importantly, shallow TREO assay results include the important and high-value MREO's – Praseodymium (Pr_6O_{11}), Neodymium (Nd_2O_3), Dysprosium (Dy_2O_3) and Terbium (Tb_4O_7), which are essential in the manufacture of permanent rare earth magnets used in electric vehicles and numerous other renewable energy applications (see Tables 1 and 2).

The Company is strategically targeting these MREO's, and particularly mineralized zones where they concentrate, in both grade and thickness.

The Company has identified two priority areas (see Figure 1) where drilling has defined higher-grade MREO mineralisation in surface clays, with the northern area (Area A) extending over an area of up to 10km x 6km. The two priority MREO areas lie within a much broader region of TREO mineralized clays that remain only partially tested on broad drill spacing (see Figure 2).

Drilling within both priority areas has identified that the tertiary clays (Target Regolith) which host the target MREO's are typically unconsolidated loose clays mixed with poorly sorted pisolite material.

Previous metallurgical test work from **Area A** confirmed that the rare earth mineralisation has formed as Ionic Adsorption REE Clays, with leach testwork demonstrating that rapid recoveries can be achieved by desorption of REE's in the first 30 minutes using a weak acid (pH4) ammonium sulfate solution ($(NH_4)_2SO_4$).[1]

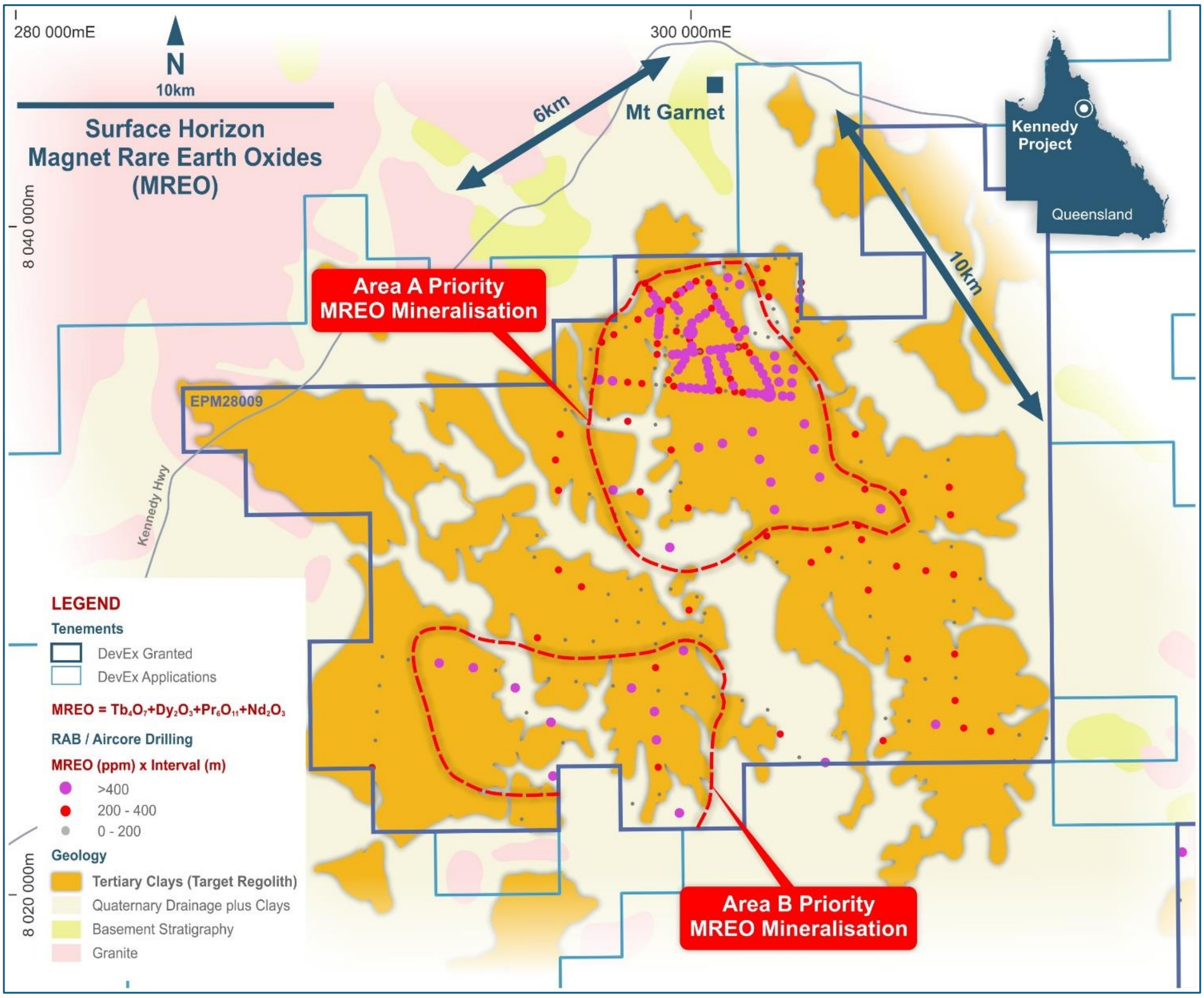

Figure 1: Shallow air-core drilling and MREO[1] grades (ppm) x Interval (m) from the Surface Horizon within the Target Regolith. Two priority MREO areas comprising higher MREO-grade and widths are apparent in the drill data.

[1] Company Announcement – 10 July 2023

The **Kennedy Ionic Clay REE Project** remains one of only a select few ionic clay projects that has been defined in Australia to date.

Drilling and preliminary metallurgical work completed to date has identified several favorable attributes to the deposit including:

- ***Shallow***: The mineralisation occurs from surface with minimal to no overlying waste rock.
- ***Soft***: The rare earths lie in unconsolidated clays with poorly sorted pisolite and nodules dispersed amongst the clays.
- ***Favorable Metallurgy***: Preliminary leach test work demonstrates rapid recoveries by desorption of REE in the first 30 minutes using ammonium sulfate solution in weak acidic conditions (pH4) with very low acid consumption and very low dissolution of gangue elements including calcium. These outcomes are key attributes of ionic adsorption clay REE mineralisation.
- **Significant Scale**: With elevated rare earths occurring in surface clays throughout the project area, the Company is pleased to see two areas (Areas A and B) where relatively higher-grade MREOs appear to be concentrating. These two areas themselves are extensive, with Area A defined over an area of 10km x 6km.

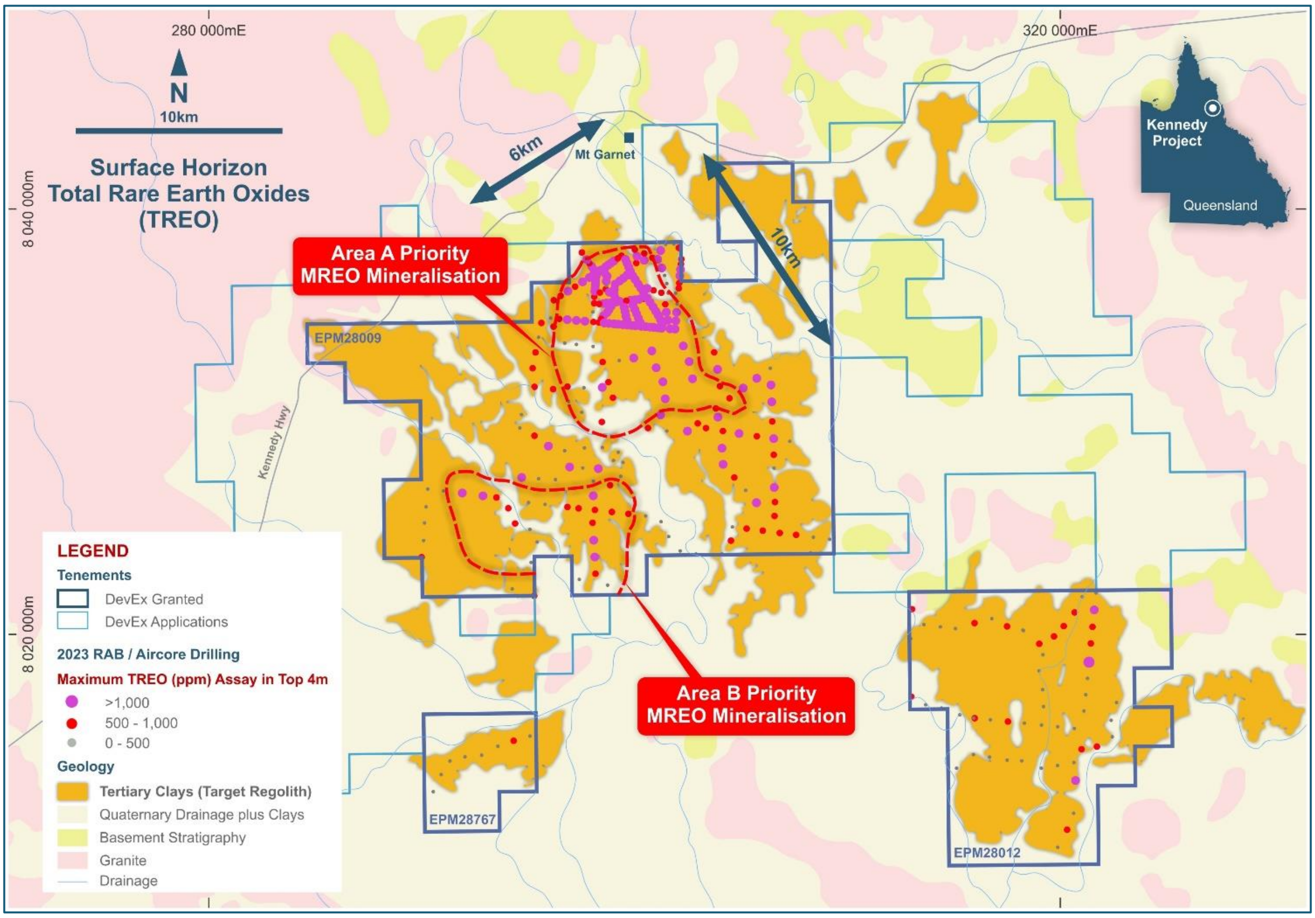

Figure 2: Shallow air-core drilling and maximum TREO grade from Surface Horizon within the Target Regolith.

This announcement has been authorised for release by the Board.

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COMPETENT PERSON STATEMENT

The information in this report that relates to Exploration Results is based on information compiled by DevEx Resources Limited and reviewed by Mr Brendan Bradley who is the Managing Director of the Company and a member of the Australian Institute of Geoscientists. Mr Bradley has sufficient experience that is relevant to the styles of mineralisation, the types of deposits under consideration and to the activities 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 Bradley consents to the inclusion in this report of the matters based on this information in the form and context in which it appears.

The information in this report which relates to previous Exploration Results for the Kennedy Project are extracted from the ASX announcement titled *"Extensive Rare Earth Elements (REE) Intersected in Surface Clays at Kennedy Project, Queensland*" released on 16 May 2023, "*Positive Leaching Testwork Confirms Significant Ionic Adsorption REE Clays at Kennedy, Qld*" released on 10 July 2023, "*In-fill drilling demonstrates continuity of Ionic Adsorption REE Clays at Kennedy Project, Queensland*" released on 22 August 2023 and "*Drilling Continues to Expand Extensive Distribution of Shallow Rare Earth Mineralisation at Kennedy Project*" released on 18 September 2023, which are available at www.devexresources.com.au.

The Company confirms that it is not aware of any new information or data that materially affects the information included in the original market announcement and that all material assumptions and technical parameters underpinning the estimates in the relevant market announcement continue to apply and have not materially changed. The company confirms that the form and context in which the Competent Person's findings are presented have not been materially modified from the original market announcement.

FORWARD-LOOKING STATEMENTS

This announcement contains forward-looking statements which involve a number of risks and uncertainties. These forward-looking statements are expressed in good faith and believed to have a reasonable basis. These statements reflect current expectations, intentions or strategies regarding the future and assumptions based on currently available information. Should one or more of the risks or uncertainties materialise, or should underlying assumptions prove incorrect, actual results may vary from the expectations, intentions and strategies described in this announcement. No obligation is assumed to update forward looking statements if these beliefs, opinions and estimates should change or to reflect other future developments.

Table 1 – Significant TREO Intercepts

Hole	From (m)	Interval (m)	TREO[1] (ppm)	TREO-CeO_2 (ppm)	Pr_6O_{11} (ppm)	Nd_2O_3 (ppm)	Tb_4O_7 (ppm)	Dy_2O_3 (ppm)	MREO (ppm)	Area
KAC068	0.5	2	652	312	20	74	2.4	14	111	
KAC071	0	2	559	315	20	76	2.7	16	114	A
KAC072	0	2	1046	385	26	98	3.5	19	146	
KAC073	0	2	728	342	23	85	2.8	17	128	
KAC074	0	2	1376	566	41	160	4.5	26	232	A
	inc.	**1**	**1829[2]**	**643**	**49**	**185**	**5.3**	**30**	**270**	
KAC075	0	2	1380	562	40	153	4.6	27	225	A
	inc.	**1**	**1983[2]**	**687**	**50**	**189**	**5.9**	**34**	**279**	
KAC076	0	3	808	405	27	101	3.2	18	150	A
KAC077	0	2	722	521	32	116	3.4	20	171	
	inc.	**1**	**1050[2]**	**835**	**52**	**187**	**5.1**	**29**	**273**	
KAC080	0	3	618	299	17	62	2.4	16	97	
KAC081	0	3	671	340	21	81	2.9	18	123	
KAC085	0	2	362	249	15	58	2.1	13	88	
KAC086	0	3	698	339	21	81	2.9	18	123	
KAC089	0	2	974	463	30	115	4.1	25	174	B
KAC090	0	4	646	368	21	81	2.9	17	122	B
KAC093	0	2	1230	605	43	162	4.9	27	237	A
	inc.	**1**	**1068[2]**	**699**	**50**	**191**	**5.5**	**31**	**277**	
KAC094	0	4	660	422	29	107	3.0	18	157	A
	inc.	**1**	**1325[2]**	**653**	**49**	**182**	**4.9**	**28**	**264**	
KAC095	0	15	342	234	14	51	1.6	10	76	A
KAC096	0	2	907	459	30	112	3.6	21	167	A
KAC097	0	2	669	256	16	59	2.0	13	90	A
KAC098	0	3	608	226	13	48	1.6	11	74	A
KAC099	0	3	1370	561	40	151	4.3	24	219	A
	inc.	**2**	**1889[2]**	**717**	**53**	**201**	**5.7**	**32**	**291**	
KAC100	0	4	654	322	21	81	2.4	14	118	A
KAC101	0	3	1073	409	27	104	3.1	18	152	A
KAC102	0	2	927	435	30	118	3.5	20	172	
KAC103	3	15	359	241	13	48	1.7	11	73	
KAC105	5	2	278	222	12	40	1.3	8	62	
KAC106	0	4	538	325	19	72	2.4	15	109	
KAC108	0	2	390	206	12	45	1.6	10	68	
KAC110	0	3	464	257	15	57	2.0	12	86	
KAC111	0	2	495	285	19	72	2.4	13	106	
KAC113	24[4]	6	709[3]	540	47	151	2.9	16	217	
KAC114	0	4	1056	477	34	122	3.5	21	181	A
	inc.	**1**	**1618[2]**	**625**	**46**	**168**	**5.1**	**30**	**249**	

Hole	From (m)	Interval (m)	TREO[1] (ppm)	TREO-CeO_2 (ppm)	Pr_6O_{11} (ppm)	Nd_2O_3 (ppm)	Tb_4O_7 (ppm)	Dy_2O_3 (ppm)	MREO (ppm)	Area
KAC115	0	4	839	483	33	120	3.5	21	177	A
	inc.	**2**	**1337[2]**	**716**	**51**	**189**	**5.5**	**32**	**277**	
KAC116	0	3	1190	549	38	143	4.1	24	210	A
	inc.	**2**	**1525[2]**	**666**	**47**	**181**	**5.1**	**30**	**263**	
KAC117	0	4	769	410	27	103	3.1	17	150	A
	inc.	**1**	**1735[2]**	**667**	**46**	**179**	**5.5**	**30**	**261**	
KAC118	0	4	984	510	33	126	3.9	22	186	A
	inc.	**2**	**1567[2]**	**756**	**52**	**202**	**5.9**	**34**	**294**	
KAC119	0	5	672	411	26	100	2.9	17	146	A
KAC120	0	4	635	453	30	115	3.3	21	169	A
	inc.	**2**	**882[2]**	**650**	**44**	**174**	**4.9**	**31**	**253**	
KAC121	23[4]	7	1167[3]	906	71	244	4.2	22	341	
KAC122	14[4]	14	1829[3]	897	70	244	5.3	32	351	
KAC123	11[4]	7	2549[3]	977	45	181	10.0	66	301	
KAC124	0	3	975	478	33	123	3.9	22	181	A
	inc.	**1**	**1397[2]**	**640**	**45**	**169**	**5.6**	**30**	**250**	
KAC126	0	2	383	247	16	57	1.8	11	86	
KAC127	0	2	570	223	14	52	1.6	10	78	
KAC128	0	3	888	440	32	116	3.1	19	171	A
	inc.	**1**	**1648[2]**	**670**	**51**	**187**	**5.0**	**30**	**273**	
KAC129	0	2	656	252	16	57	1.7	11	86	A
KAC130	0	2	1142	445	30	113	3.4	22	169	
KAC133	0	2	542	257	16	61	1.9	12	91	
KAC135	0	4	811	380	27	100	2.8	17	147	A
	inc.	**1**	**1836[2]**	**626**	**46**	**174**	**4.8**	**30**	**255**	
KAC136	0	2	437	219	14	49	1.5	10	74	A
KAC137	0	2	1408	568	40	151	4.2	25	220	A
	inc.	**1**	**2171[2]**	**801**	**58**	**220**	**6.3**	**36**	**321**	
KAC139	0	3.5	519	237	15	54	1.6	10	81	A
KAC141	0	2	1024	478	34	128	3.4	20	185	A
KAC142	0	3.5	959	454	30	113	3.3	20	166	A
KAC143	0	4	589	363	23	85	2.6	15	126	A
KAC144	0	4	646	355	23	87	2.5	15	127	A
KAC145	0	4	608	317	21	74	2.2	14	111	A
KAC146	0	2.5	842	418	29	104	3.2	19	155	A
KAC147	0	2	1192	523	36	138	4.0	24	202	A
KAC148	0	2.5	960	420	28	109	3.1	19	159	A
	inc.	**1**	**1730[2]**	**637**	**45**	**171**	**5.0**	**30**	**251**	
KAC149	0	2.5	867	338	22	79	2.4	14	118	A
KAC150	0	4	952	479	33	121	3.4	20	178	A
	inc.	**1**	**2187[2]**	**891**	**67**	**248**	**6.8**	**39**	**361**	

Hole	From (m)	Interval (m)	TREO[1] (ppm)	TREO-CeO_2 (ppm)	Pr_6O_{11} (ppm)	Nd_2O_3 (ppm)	Tb_4O_7 (ppm)	Dy_2O_3 (ppm)	MREO (ppm)	Area
KAC151	0	3	948	399	27	100	2.9	17	147	A
KAC154	0	4	315	221	12	42	1.6	11	66	
KAC155	0	2	821	292	17	62	2.7	17	99	
KAC159	0	4	487	344	18	65	2.6	17	102	A
KAC162	0	2	522	227	12	44	1.8	12	69	
KAC163	0	8	330	238	12	45	1.9	12	72	A
KAC164	1	2	458	301	18	67	2.4	14	102	A
KAC165	0	5	418	249	13	47	2.0	13	75	
KAC166	0	2	776	398	24	86	3.5	20	134	
KAC167	0	4	483	215	10	36	1.7	11	60	
KAC169	0	2	586	264	15	57	2.4	13	88	
KAC172	0	4	406	281	15	57	2.1	14	88	A
KAC175	2	28	351	239	13	48	1.7	11	74	
KAC177	4	4	297	206	11	39	1.4	9	60	
KAC180	0	2	492	221	13	48	1.9	12	75	B
KAC183	0	4	522	363	22	85	2.9	18	127	B
KAC184	0	8	358	246	13	51	1.7	11	77	
KAC189	0	2	641	330	25	96	2.3	14	137	
KAC190	2	10	310	218	14	52	1.3	8	76	
KAC192	0	2	374	213	14	53	1.7	9	78	
KAC193	0	4	441	265	17	62	1.9	12	92	
KAC194	0	2	588	224	15	55	1.8	11	83	
KAC195	0	3	513	314	20	74	2.1	13	109	
KAC196	0	3	432	287	18	68	1.9	11	100	
KAC197	0	3	363	220	14	51	1.4	9	74	
KAC206	0	3	367	265	16	61	1.7	11	89	
KAC207	0	11	315	220	11	45	1.5	10	68	
KAC209	0	4	395	208	13	50	1.5	9	74	
KAC211	0	3	974	466	31	121	3.3	20	176	A
	inc.	**1**	**1968**[2]	**695**	**49**	**187**	**5.4**	**33**	**274**	
KAC212	0	3.5	599	397	26	102	2.8	17	148	A
KAC213	0	3.5	593	414	26	103	2.8	17	148	A
	inc.	**1**	**1129**[2]	**654**	**44**	**173**	**4.7**	**27**	**249**	
KAC214	0	3.5	624	498	33	122	3.3	20	179	A
KAC215	0	3.5	716	449	30	108	3.2	19	160	A
KAC216	0	2.5	1155	519	35	135	3.8	24	197	A
	inc.	**1**	**2222**[2]	**871**	**61**	**236**	**6.7**	**42**	**345**	
KAC217	0	3.5	772	458	29	114	3.1	19	166	A
	inc.	**1**	**1667**[2]	**856**	**58**	**227**	**6.4**	**38**	**330**	
KAC218	0	3.5	766	419	28	102	2.9	18	151	A
KAC219	0	2.5	1059	463	31	113	3.3	19	167	A

Hole	From (m)	Interval (m)	TREO[1] (ppm)	TREO-CeO_2 (ppm)	Pr_6O_{11} (ppm)	Nd_2O_3 (ppm)	Tb_4O_7 (ppm)	Dy_2O_3 (ppm)	MREO (ppm)	Area
KAC221	0	3	821	378	25	94	2.7	17	139	A
KAC222	0	3.5	919	568	39	147	4.0	25	215	A
	inc.	**1.5**	**1618[2]**	**935**	**66**	**252**	**6.8**	**42**	**366**	
KAC223	0	3.5	782	461	31	117	3.2	20	171	A
	inc.	**1**	**1489[2]**	**845**	**59**	**230**	**6.3**	**38**	**333**	
KAC224	0	2	1071	380	26	98	2.8	17	144	A
KAC225	0	2.5	994	469	33	122	3.6	22	181	A
	inc.	**1**	**1902[2]**	**772**	**57**	**210**	**6.2**	**37**	**310**	
KAC227	0	2	1493	681	49	185	5.3	32	271	A
	inc.	**1**	**2285[2]**	**898**	**65**	**248**	**7.1**	**43**	**364**	
KAC227	16[4]	7	1195[3]	547	31	114	4.3	29	178	
KAC228	0	3.5	906	572	39	147	3.9	23	213	A
	inc.	**1.5**	**1550[2]**	**890**	**63**	**243**	**6.3**	**37**	**349**	
KAC228	26[4]	4	1156[3]	525	29	110	4.0	28	171	
KAC229	0	3.5	1044	576	39	154	4.2	26	223	A
	inc.	**2**	**1427[2]**	**728**	**51**	**200**	**5.4**	**33**	**288**	
KAC230	0	2.5	1065	512	36	140	3.6	22	201	A
KAC231	0	3.5	872	500	33	126	3.6	22	184	A
	inc.	**1.5**	**1090_2**	**722**	**48**	**188**	**5.3**	**31**	**273**	
KAC232	0	3.5	1208	507	36	134	3.8	22	196	A
	inc.	**1**	**1847[2]**	**801**	**59**	**225**	**6.1**	**37**	**327**	
KAC233	0	3.5	864	424	26	102	3.0	18	149	A
KAC235	0	3.5	447	250	16	62	1.6	10	90	A
KAC236	0.5	2	533	232	15	58	1.5	10	84	A
KAC237	0	3.5	825	414	27	106	3.0	18	154	A
KAC238	0	3.5	1237	544	38	148	4.2	25	214	A
	inc.	**1**	**2298[2]**	**1031**	**74**	**297**	**8.4**	**49**	**428**	
KAC239	0	3.5	945	492	33	130	3.7	23	190	A
	inc.	**1**	**1966[2]**	**880**	**62**	**250**	**7.1**	**44**	**363**	
KAC240	0	3.5	893	477	32	124	3.6	21	180	A
KAC241	0	2.5	1047	534	35	140	4.1	24	203	A
	inc.	**1**	**1778[2]**	**784**	**53**	**214**	**6.3**	**36**	**309**	
KAC242	0	3.5	951	520	36	139	3.8	22	202	A
	inc.	**1**	**1956[2]**	**945**	**70**	**269**	**7.4**	**41**	**387**	
KAC243	0	3.5	1071	546	38	143	4.1	24	209	A
	inc.	**1.5**	**1771[2]**	**831**	**61**	**233**	**6.6**	**37**	**338**	
KAC244	0	3	922	405	27	101	3.0	18	149	A
KAC245	0	3.5	949	472	32	121	3.5	20	177	A
	inc.	**1**	**2183[2]**	**892**	**65**	**248**	**7.2**	**42**	**362**	
KAC246	0	2	517	352	24	89	2.5	15	130	
KAC247	0	2	849	309	21	78	2.4	14	114	

Hole	From (m)	Interval (m)	TREO[1] (ppm)	TREO-CeO_2 (ppm)	Pr_6O_{11} (ppm)	Nd_2O_3 (ppm)	Tb_4O_7 (ppm)	Dy_2O_3 (ppm)	MREO (ppm)	Area
KAC248	0	2	628	330	23	82	2.5	14	121	
KAC251	0	2	883	339	22	80	2.7	16	121	A
KAC252	0	3	821	389	23	84	3.1	19	130	A
KAC253	0	3	838	476	29	112	3.7	24	169	A
	inc.	**1**	**1560**[2]	**664**	**43**	**166**	**5.7**	**36**	**250**	
KAC254	0	3	801	474	28	107	3.8	24	162	A
	inc.	**1**	**969**[2]	**612**	**36**	**140**	**5.2**	**32**	**214**	
KAC256	0	4	798	416	26	101	3.2	19	150	A
	inc.	**1**	**1532**[2]	**834**	**54**	**216**	**7.1**	**41**	**319**	
KAC257	0	2	1302	626	44	168	4.9	29	246	A
	inc.	**1**	**1759**[2]	**937**	**67**	**257**	**7.5**	**44**	**374**	
KAC258	0	2	932	398	27	96	3.2	18	144	A
KAC259	0	2	1196	482	35	128	3.7	21	187	A
	inc.	**1**	**1498**[2]	**623**	**45**	**169**	**4.8**	**28**	**246**	
KAC261	0	2	1369	710	48	190	5.1	30	273	A
KAC262	0	3	1039	520	34	130	3.8	24	192	A
	inc.	**1**	**1423**[2]	**775**	**51**	**202**	**5.8**	**36**	**295**	
KAC263	0	2	936	588	34	133	4.3	27	198	A
	inc.	**1**	**1217**[2]	**652**	**39**	**150**	**5.1**	**32**	**226**	
KAC264	0	2	642	273	16	59	2.0	12	89	A
KAC265	0	2	880	418	26	93	3.3	19	141	A
KAC266	0	4	531	284	16	62	2.3	15	94	A
KAC274	0	2	823	338	24	90	2.6	15	132	
KAC275	0	2	596	305	23	80	2.2	13	118	
KAC276	0	4	457	267	18	66	1.9	11	97	
KAC277	0	2	1010	346	28	97	2.5	15	141	
KAC278	0	2	433	218	15	55	1.5	9	81	
KAC281	1	2	352	247	15	55	1.6	9	80	
	inc.	**1**	**1062**[2]	**631**	**48**	**174**	**3.3**	**18**	**243**	
KAC292	4	4	458	199	13	47	1.2	8	70	
KAC299	3	15	339	233	12	45	1.7	11	69	B
KAC301	2	13	404	282	16	56	2.0	13	87	B
KAC307	0	2	451	283	16	59	2.1	13	90	
KAC310	2	26	364	246	13	48	1.9	12	75	B
KAC311	0	2	1128	332	24	89	3.2	19	135	B
KAC312	0	3	1047	568	33	126	4.9	31	194	B
	inc.	**1**	**1011**[2]	**704**	**37**	**134**	**5.8**	**37**	**213**	
KAC313	0	4	516	367	22	82	2.9	18	125	B
KAC315	0	4	770	387	25	95	3.5	21	145	B
	inc.	**1**	**1700**[2]	**601**	**43**	**166**	**5.8**	**33**	**248**	
KAC316	0	5	776	389	23	87	3.2	19	133	B

Hole	From (m)	Interval (m)	TREO[1] (ppm)	TREO-CeO_2 (ppm)	Pr_6O_{11} (ppm)	Nd_2O_3 (ppm)	Tb_4O_7 (ppm)	Dy_2O_3 (ppm)	MREO (ppm)	Area
KAC322	0	4	459	252	16	63	2.1	13	94	
KAC323	4	19	404	231	16	57	1.5	9	84	
KAC328	4	12	318	213	12	47	1.5	9	69	
KAC331	1	22	344	232	12	44	1.8	12	70	B
KAC332	0	2	1284	684	47	170	4.9	29	251	A

1 Intercepts reported use a lower cut-off grade of 200ppm TREO – CeO_2, a minimum length of 2m and a maximum internal dilution of 4m unless noted otherwise.

2 Reported using lower cut-off grade of 600ppm TREO – CeO_2, a minimum length of 1m and a maximum internal dilution of 4m.

3 Reported using lower cut-off grade of 500ppm TREO – CeO_2, a minimum length of 4m and a maximum internal dilution of 4m.

4 Saprolite clays – metallurgy required to determine potential.

Table 2 – Kennedy Air-core Drilling Significant Intercepts by Individual TREO

Hole	From (m)	Interval (m)	La_2O_3 (ppm)	CeO_2 (ppm)	Pr_6O_{11} (ppm)	Nd_2O_3 (ppm)	Sm_2O_3 (ppm)	Eu_2O_3 (ppm)	Gd_2O_3 (ppm)	Tb_4O_7 (ppm)	Dy_2O_3 (ppm)	Ho_2O_3 (ppm)	Er_2O_3 (ppm)	Tm_2O_3 (ppm)	Yb_2O_3 (ppm)	Lu_2O_3 (ppm)	Y_2O_3 (ppm)	TREO[1] (ppm)
KAC068	0.5	2	63	341	20	74	17	2.6	14	2.4	14	3	8	1.2	8	1.2	83	652
KAC071	0	2	57	244	20	76	18	2.8	15	2.7	16	3	9	1.3	9	1.1	85	559
KAC072	0	2	74	661	26	98	22	3.4	18	3.5	19	4	11	1.6	11	1.5	93	1046
KAC073	0	2	64	386	23	85	20	2.9	17	2.8	17	3	9	1.4	9	1.3	86	728
KAC074	0	2	109	810	41	160	36	5.6	28	4.5	26	5	14	2.0	14	1.9	119	1376
inc.	1	1	126	1185	49	185	43	6.5	32	5.3	30	6	16	2.3	16	2.2	124	1829[2]
KAC075	0	2	104	819	40	153	35	5.7	28	4.6	27	5	15	2.1	15	2.1	125	1380
inc.	1	1	125	1296	50	189	45	7.3	35	5.9	34	7	19	2.7	19	2.7	147	1983[2]
KAC076	0	3	81	403	27	101	23	3.6	19	3.2	18	4	10	1.5	10	1.5	101	808
KAC077	0	2	129	201	32	116	23	3.4	22	3.4	20	4	11	1.5	10	1.5	143	722
inc.	1	1	220	215	52	187	35	5.1	36	5.1	29	6	16	2.0	14	2.0	227	1050[2]
KAC080	0	3	55	320	17	62	14	1.4	13	2.4	16	3	10	1.4	9	1.3	93	618
KAC081	0	3	61	331	21	81	19	2.1	16	2.9	18	4	10	1.5	10	1.3	93	671
KAC085	0	2	43	113	15	58	15	1.5	13	2.1	13	3	7	1.1	7	1.1	70	362
KAC086	0	3	58	358	21	81	21	2.0	16	2.9	18	3	10	1.5	10	1.5	93	698
KAC089	0	2	77	511	30	115	29	3.5	24	4.1	25	5	14	2.0	13	1.9	120	974
KAC090	0	4	73	279	21	81	17	2.3	16	2.9	17	4	10	1.6	10	1.4	109	646
KAC093	0	2	115	625	43	162	37	5.3	30	4.9	27	6	16	2.2	15	2.1	141	1230
inc.	0	1	133	369	50	191	43	6.1	34	5.5	31	6	18	2.5	16	2.4	162	1068[2]
KAC094	0	4	88	237	29	107	22	3.2	19	3.0	18	4	10	1.4	10	1.4	107	660
inc.	2	1	130	672	49	182	39	5.7	31	4.9	28	6	15	2.2	15	2.2	144	1325[2]
KAC095	0	15	55	108	14	51	11	1.5	10	1.6	10	2	6	0.9	6	0.9	66	342
KAC096	0	2	88	448	30	112	25	3.7	22	3.6	21	4	12	1.8	12	1.7	120	907
KAC097	0	2	49	413	16	59	14	2.1	12	2.0	13	2	7	1.1	8	1.1	69	669
KAC098	0	3	45	382	13	48	11	1.6	9	1.6	11	2	7	1.0	7	1.0	67	608
KAC099	0	3	111	809	40	151	34	5.2	26	4.3	24	5	14	2.0	14	2.1	130	1370
inc.	0	2	135	1173	53	201	45	7.0	35	5.7	32	6	18	2.6	17	2.7	157	1889[2]
KAC100	0	4	67	331	21	81	18	2.8	14	2.4	14	3	8	1.2	8	1.2	81	654
KAC101	0	3	85	664	27	104	23	3.2	18	3.1	18	4	10	1.6	11	1.5	99	1073
KAC102	0	2	81	492	30	118	26	3.9	22	3.5	20	4	11	1.6	11	1.8	101	927
KAC103	3	15	53	117	13	48	11	1.4	10	1.7	11	2	7	1.1	7	1.0	74	359
KAC105	5	2	54	56	12	40	8	1.2	9	1.3	8	2	6	0.9	6	0.9	74	278
KAC106	0	4	70	213	19	72	15	2.1	15	2.4	15	3	9	1.3	9	1.2	90	538
KAC108	0	2	42	184	12	45	10	1.4	9	1.6	10	2	6	0.9	7	1.0	59	390
KAC110	0	3	50	207	15	57	13	1.9	11	2.0	12	2	7	1.2	8	1.1	74	464
KAC111	0	2	52	210	19	72	18	2.4	14	2.4	13	3	7	1.2	8	1.1	72	495
KAC113	24	6	163	169	47	151	28	4.6	20	2.9	16	3	8	1.2	7	1.2	87	709[3]
KAC114	0	4	108	579	34	122	25	4.1	21	3.5	21	4	12	1.7	12	1.7	108	1056
inc.	2	1	130	993	46	168	37	5.9	29	5.1	30	5	16	2.2	16	2.2	131	1618[2]
KAC115	0	4	104	356	33	120	26	4.0	22	3.5	21	4	12	1.7	11	1.6	119	839
inc.	0	2	143	621	51	189	42	6.5	35	5.5	32	6	18	2.5	16	2.3	167	1337[2]
KAC116	0	3	111	642	38	143	32	4.8	26	4.1	24	5	14	2.0	13	1.8	130	1190
inc.	0	2	130	859	47	181	41	6.1	33	5.1	30	6	16	2.4	16	2.2	150	1525[2]
KAC117	0	4	88	359	27	103	22	3.5	18	3.1	17	3	10	1.4	9	1.5	102	769
inc.	1	1	134	1067	46	179	42	6.2	33	5.5	30	6	17	2.4	16	2.6	147	1735[2]
KAC118	0	4	105	474	33	126	28	4.2	24	3.9	22	4	12	1.9	12	1.8	131	984
inc.	0	2	146	811	52	202	45	6.8	37	5.9	34	6	18	2.7	18	2.6	180	1567[2]
KAC119	0	5	91	261	26	100	21	3.2	18	2.9	17	3	10	1.4	9	1.4	107	672
KAC120	0	4	94	182	30	115	24	4.1	21	3.3	21	4	11	1.6	11	1.6	111	635
inc.	0	2	128	232	44	174	37	6.3	32	4.9	31	6	16	2.3	15	2.2	152	882[2]

Hole	From (m)	Interval (m)	La_2O_3 (ppm)	CeO_2 (ppm)	Pr_6O_{11} (ppm)	Nd_2O_3 (ppm)	Sm_2O_3 (ppm)	Eu_2O_3 (ppm)	Gd_2O_3 (ppm)	Tb_4O_7 (ppm)	Dy_2O_3 (ppm)	Ho_2O_3 (ppm)	Er_2O_3 (ppm)	Tm_2O_3 (ppm)	Yb_2O_3 (ppm)	Lu_2O_3 (ppm)	Y_2O_3 (ppm)	TREO[1] (ppm)
KAC121	23	7	342	261	71	244	41	7.4	33	4.2	22	4	11	1.4	9	1.3	116	1167[3]
KAC122	14	14	259	932	70	244	44	8.4	34	5.3	32	6	17	2.5	18	2.4	155	1829[3]
KAC123	11	7	108	1572	45	181	51	12.2	55	10.0	66	13	39	5.5	40	5.4	347	2549[3]
KAC124	0	3	93	497	33	123	27	4.5	23	3.9	22	4	12	1.8	12	1.6	117	975
inc.	1	1	124	757	45	169	38	6.4	32	5.6	30	6	17	2.4	16	2.2	147	1397[2]
KAC126	0	2	56	137	16	57	13	2.1	11	1.8	11	2	6	1.0	7	1.0	62	383
KAC127	0	2	48	347	14	52	12	1.7	9	1.6	10	2	6	1.0	7	0.9	57	570
KAC128	0	3	94	447	32	116	25	4.1	21	3.1	19	4	10	1.6	10	1.4	99	888
inc.	1	1	136	978	51	187	43	6.5	33	5.0	30	6	16	2.4	15	2.1	137	1648[2]
KAC129	0	2	54	403	16	57	12	1.9	10	1.7	11	2	7	1.1	7	1.1	69	656
KAC130	0	2	86	698	30	113	25	4.3	21	3.4	22	4	12	1.9	13	1.9	106	1142
KAC133	0	2	54	285	16	61	14	2.1	11	1.9	12	2	7	1.1	8	1.1	65	542
KAC135	0	4	78	431	27	100	22	3.2	17	2.8	17	3	10	1.4	9	1.4	88	811
inc.	1	1	124	1210	46	174	40	6.1	29	4.8	30	5	16	2.4	16	2.3	130	1836[2]
KAC136	0	2	46	218	14	49	11	1.6	9	1.5	10	2	6	0.9	7	1.0	62	437
KAC137	0	2	122	840	40	151	32	5.1	26	4.2	25	5	14	2.0	13	1.9	128	1408
inc.	0.5	1	169	1370	58	220	47	7.7	37	6.3	36	7	19	2.9	19	2.7	168	2171[2]
KAC139	0	3.5	56	281	15	54	11	1.7	9	1.6	10	2	6	0.9	6	0.9	63	519
KAC141	0	2	107	546	34	128	27	4.0	22	3.4	20	4	11	1.6	10	1.4	105	1024
KAC142	0	3.5	98	505	30	113	24	3.7	20	3.3	20	4	11	1.6	11	1.5	114	959
KAC143	0	4	78	226	23	85	18	2.9	16	2.6	15	3	9	1.3	8	1.3	99	589
KAC144	0	4	80	291	23	87	18	2.8	16	2.5	15	3	9	1.3	9	1.3	89	646
KAC145	0	4	69	291	21	74	16	2.5	14	2.2	14	3	8	1.2	8	1.2	82	608
KAC146	0	2.5	83	424	29	104	23	3.7	19	3.2	19	4	11	1.7	12	1.7	104	842
KAC147	0	2	97	669	36	138	31	4.7	25	4.0	24	5	13	2.0	13	1.9	130	1192
KAC148	0	2.5	81	541	28	109	23	3.7	19	3.1	19	4	11	1.6	11	1.7	105	960
inc.	0.5	1	117	1093	45	171	38	6.1	30	5.0	30	6	17	2.5	17	2.6	150	1730[2]
KAC149	0	2.5	73	529	22	79	17	2.5	14	2.4	14	3	9	1.3	9	1.3	90	867
KAC150	0	4	104	474	33	121	25	3.8	22	3.4	20	4	12	1.7	11	1.6	117	952
inc.	0.5	1	177	1297	67	248	54	8.2	44	6.8	39	7	22	3.1	20	2.9	191	2187[2]
KAC151	0	3	85	549	27	100	21	3.2	18	2.9	17	3	10	1.5	10	1.5	99	948
KAC154	0	4	40	94	12	42	10	1.1	9	1.6	11	2	7	1.0	7	1.1	75	315
KAC155	0	2	49	529	17	62	17	2.0	14	2.7	17	3	9	1.5	10	1.4	85	821
KAC159	0	4	69	143	18	65	14	1.2	14	2.6	17	4	11	1.7	11	1.6	115	487
KAC162	0	2	45	295	12	44	10	0.9	9	1.8	12	2	7	1.1	8	1.1	73	522
KAC163	0	8	45	92	12	45	10	1.1	10	1.9	12	3	8	1.2	8	1.1	80	330
KAC164	1	2	57	157	18	67	14	1.7	14	2.4	14	3	9	1.3	8	1.1	90	458
KAC165	0	5	45	170	13	47	11	1.0	11	2.0	13	3	8	1.3	8	1.2	85	418
KAC166	0	2	71	377	24	86	20	1.9	18	3.5	20	4	12	1.8	11	1.6	123	776
KAC167	0	4	36	268	10	36	8	0.8	9	1.7	11	3	8	1.2	8	1.2	79	483
KAC169	0	2	48	322	15	57	13	2.0	12	2.4	13	3	9	1.4	10	1.5	76	586
KAC172	0	4	55	125	15	57	13	2.0	13	2.1	14	3	9	1.2	9	1.3	87	406
KAC175	2	28	50	112	13	48	10	1.2	10	1.7	11	2	7	1.0	7	1.0	76	351
KAC177	4	4	45	91	11	39	7	1.0	8	1.4	9	2	6	0.9	7	0.9	67	297
KAC180	0	2	38	271	13	48	12	1.7	11	1.9	12	2	7	1.1	7	1.1	64	492
KAC183	0	4	68	159	22	85	20	2.3	17	2.9	18	3	10	1.5	9	1.4	102	522
KAC184	0	8	53	112	13	51	11	1.6	10	1.7	11	2	7	1.0	7	1.0	76	358
KAC189	0	2	68	310	25	96	21	3.4	16	2.3	14	3	8	1.0	7	1.0	66	641
KAC190	2	10	58	92	14	52	10	1.6	8	1.3	8	2	5	0.7	5	0.7	52	310
KAC192	0	2	44	160	14	53	12	1.7	10	1.7	9	2	6	0.8	6	0.9	53	374
KAC193	0	4	64	176	17	62	13	2.3	12	1.9	12	2	7	0.9	6	0.9	65	441
KAC194	0	2	49	364	15	55	13	2.3	10	1.8	11	2	6	0.9	6	0.9	51	588

Hole	From (m)	Interval (m)	La_2O_3 (ppm)	CeO_2 (ppm)	Pr_6O_{11} (ppm)	Nd_2O_3 (ppm)	Sm_2O_3 (ppm)	Eu_2O_3 (ppm)	Gd_2O_3 (ppm)	Tb_4O_7 (ppm)	Dy_2O_3 (ppm)	Ho_2O_3 (ppm)	Er_2O_3 (ppm)	Tm_2O_3 (ppm)	Yb_2O_3 (ppm)	Lu_2O_3 (ppm)	Y_2O_3 (ppm)	TREO[1] (ppm)
KAC195	0	3	79	198	20	74	15	2.8	14	2.1	13	3	8	1.1	7	1.1	75	513
KAC196	0	3	73	145	18	68	13	2.6	12	1.9	11	2	6	1.0	6	0.9	69	432
KAC197	0	3	57	142	14	51	10	1.8	9	1.4	9	2	5	0.8	5	0.8	55	363
KAC206	0	3	63	103	16	61	13	2.7	12	1.7	11	2	6	0.8	5	0.8	71	367
KAC207	0	11	46	95	11	45	9	1.6	9	1.5	10	2	6	0.9	6	0.9	69	315
KAC209	0	4	47	188	13	50	11	1.8	9	1.5	9	2	5	0.8	5	0.7	51	395
KAC211	0	3	95	508	31	121	25	4.0	21	3.3	20	4	11	1.7	12	1.7	115	974
inc.	1	1	134	1273	49	187	41	6.7	33	5.4	33	6	18	2.6	19	2.7	158	1968[2]
KAC212	0	3.5	82	202	26	102	21	3.3	18	2.8	17	3	10	1.4	10	1.4	100	599
KAC213	0	3.5	92	179	26	103	20	3.0	19	2.8	17	3	10	1.4	10	1.4	107	593
inc.	1	1	145	475	44	173	33	5.2	30	4.7	27	5	15	2.1	16	2.1	152	1129[2]
KAC214	0	3.5	107	125	33	122	25	4.1	23	3.3	20	4	12	1.7	11	1.7	132	624
KAC215	0	3.5	98	267	30	108	23	3.7	21	3.2	19	4	11	1.6	10	1.5	117	716
KAC216	0	2.5	104	636	35	135	29	4.4	24	3.8	24	4	13	1.9	13	1.9	124	1155
inc.	0.5	1	167	1351	61	236	53	7.9	43	6.7	42	8	23	3.3	23	3.1	196	2222[2]
KAC217	0	3.5	98	314	29	114	23	3.8	21	3.1	19	4	11	1.6	11	1.6	118	772
inc.	0.5	1	171	810	58	227	48	8.0	41	6.4	38	7	22	3.0	20	3.1	203	1667[2]
KAC218	0	3.5	88	347	28	102	22	3.3	19	2.9	18	3	11	1.6	10	1.5	109	766
KAC219	0	2.5	99	596	31	113	23	3.5	21	3.3	19	4	12	1.8	12	1.7	117	1059
KAC221	0	3	79	443	25	94	20	3.3	17	2.7	17	3	10	1.4	10	1.5	96	821
KAC222	0	3.5	120	351	39	147	31	5.0	26	4.0	25	4	13	1.8	12	1.8	137	919
inc.	0.5	1.5	193	682	66	252	53	8.6	44	6.8	42	7	22	3.0	20	2.9	216	1618[2]
KAC223	0	3.5	95	322	31	117	26	3.9	21	3.2	20	4	11	1.7	11	1.5	115	782
inc.	0.5	1	158	644	59	230	52	8.1	40	6.3	38	7	21	3.1	20	2.7	200	1489[2]
KAC224	0	2	76	690	26	98	21	3.2	17	2.8	17	3	10	1.5	11	1.5	92	1071
KAC225	0	2.5	95	525	33	122	27	4.2	23	3.6	22	4	12	1.7	11	1.6	108	994
inc.	0.5	1	150	1130	57	210	48	7.5	39	6.2	37	7	20	2.8	19	2.7	166	1902[2]
KAC227	0	2	130	811	49	185	40	6.3	32	5.3	32	6	17	2.4	17	2.4	157	1493
inc.	0.5	1	165	1387	65	248	55	8.8	43	7.1	43	8	23	3.3	23	3.2	203	2285[2]
KAC227	16	7	118	648	31	114	25	4.2	24	4.3	29	6	16	2.5	16	2.5	156	1195[3]
KAC228	0	3.5	122	334	39	147	29	4.3	25	3.9	23	4	13	1.9	12	1.7	145	906
inc.	0.5	1.5	186	660	63	243	50	7.2	41	6.3	37	7	19	2.9	18	2.5	207	1550[2]
KAC228	26	4	108	631	29	110	23	4.3	23	4.0	28	5	17	2.4	16	2.2	152	1156[3]
KAC229	0	3.5	111	469	39	154	34	5.2	27	4.2	26	5	15	1.9	13	1.8	139	1044
inc.	0.5	2	137	698	51	200	44	6.7	35	5.4	33	6	19	2.4	16	2.3	171	1427[2]
KAC230	0	2.5	99	553	36	140	30	4.5	24	3.6	22	4	14	1.9	12	1.7	120	1065
KAC231	0	3.5	104	372	33	126	27	4.1	23	3.6	22	4	12	1.7	11	1.6	127	872
inc.	0	1.5	143	368	48	188	41	6.3	34	5.3	31	6	17	2.4	15	2.2	181	1090[2]
KAC232	0	3.5	105	701	36	134	29	4.5	23	3.8	22	4	12	1.8	12	1.7	118	1208
inc.	0.5	1	154	1046	59	225	50	8.0	38	6.1	37	7	19	2.8	19	2.7	172	1847[2]
KAC233	0	3.5	87	440	26	102	21	3.4	19	3.0	18	4	11	1.6	11	1.6	117	864
KAC235	0	3.5	54	196	16	62	12	1.8	10	1.6	10	2	7	0.9	7	1.0	64	447
KAC236	0.5	2	50	301	15	58	11	1.7	9	1.5	10	2	6	0.9	7	1.0	58	533
KAC237	0	3.5	87	410	27	106	21	3.3	19	3.0	18	3	10	1.5	10	1.5	103	825
KAC238	0	3.5	106	693	38	148	31	4.7	26	4.2	25	5	14	2.0	13	2.0	126	1237
inc.	0.5	1	189	1268	74	297	65	9.6	52	8.4	49	9	26	4.0	25	3.8	219	2298[2]
KAC239	0	3.5	95	454	33	130	29	4.4	24	3.7	23	4	13	1.9	12	1.9	116	945
inc.	0.5	1	157	1086	62	250	60	8.8	48	7.1	44	8	25	3.8	22	3.7	182	1966[2]
KAC240	0	3.5	96	416	32	124	26	4.0	22	3.6	21	4	12	1.7	11	1.7	119	893
KAC241	0	2.5	104	513	35	140	30	4.6	25	4.1	24	4	13	1.9	13	1.8	134	1047
inc.	0.5	1	146	994	53	214	47	7.2	38	6.3	36	7	20	2.8	19	2.6	185	1778[2]
KAC242	0	3.5	104	431	36	139	30	4.6	24	3.8	22	4	12	1.8	12	1.7	123	951
inc.	0.5	1	178	1011	70	269	60	9.3	47	7.4	41	8	23	3.3	22	3.0	205	1956[2]

Hole	From (m)	Interval (m)	La_2O_3 (ppm)	CeO_2 (ppm)	Pr_6O_{11} (ppm)	Nd_2O_3 (ppm)	Sm_2O_3 (ppm)	Eu_2O_3 (ppm)	Gd_2O_3 (ppm)	Tb_4O_7 (ppm)	Dy_2O_3 (ppm)	Ho_2O_3 (ppm)	Er_2O_3 (ppm)	Tm_2O_3 (ppm)	Yb_2O_3 (ppm)	Lu_2O_3 (ppm)	Y_2O_3 (ppm)	TREO[1] (ppm)
KAC243	0	3.5	110	525	38	143	31	4.9	26	4.1	24	5	13	1.9	12	1.8	132	1071
inc.	0	1.5	156	940	61	233	53	8.3	41	6.6	37	7	20	2.8	18	2.6	183	1771[2]
KAC244	0	3	83	517	27	101	22	3.4	18	3.0	18	4	10	1.5	10	1.5	103	922
KAC245	0	3.5	100	477	32	121	26	4.0	21	3.5	20	4	12	1.7	12	1.7	113	949
inc.	0.5	1	173	1290	65	248	57	8.8	42	7.2	42	8	23	3.3	23	3.2	189	2183[2]
KAC246	0	2	71	165	24	89	21	3.0	16	2.5	15	3	8	1.2	9	1.2	88	517
KAC247	0	2	59	541	21	78	17	2.7	14	2.4	14	3	8	1.2	9	1.3	78	849
KAC248	0	2	69	298	23	82	19	2.8	15	2.5	14	3	8	1.2	8	1.2	81	628
KAC251	0	2	66	544	22	80	19	2.6	16	2.7	16	3	10	1.5	11	1.6	87	883
KAC252	0	3	71	432	23	84	18	2.8	17	3.1	19	4	13	1.8	14	2.1	115	821
KAC253	0	3	85	362	29	112	25	3.6	22	3.7	24	5	15	1.9	16	2.2	132	838
inc.	1	1	115	897	43	166	38	5.3	33	5.7	36	7	21	2.8	24	3.2	164	1560[2]
KAC254	0	3	84	327	28	107	25	3.7	23	3.8	24	5	14	2.3	16	2.3	138	801
inc.	1	1	106	356	36	140	32	4.6	30	5.2	32	6	19	3.0	20	2.9	175	969[2]
KAC256	0	4	90	381	26	101	21	3.8	19	3.2	19	4	11	1.6	12	1.5	103	798
inc.	0	1	156	699	54	216	49	9.1	44	7.1	41	8	22	3.1	24	3.1	196	1532[2]
KAC257	0	2	135	676	44	168	35	6.6	30	4.9	29	5	15	2.1	15	2.1	133	1302
inc.	0	1	199	822	67	257	55	10.4	46	7.5	44	8	21	3.0	22	3.0	196	1759[2]
KAC258	0	2	89	534	27	96	21	4.1	18	3.2	18	4	10	1.5	10	1.4	95	932
KAC259	0	2	103	714	35	128	27	5.2	23	3.7	21	4	12	1.7	11	1.6	105	1196
inc.	0	1	130	876	45	169	37	7.0	30	4.8	28	6	14	2.2	14	2.0	134	1498[2]
KAC261	0	2	148	659	48	190	38	6.3	34	5.1	30	6	18	2.4	16	2.3	167	1369
KAC262	0	3	113	519	34	130	27	4.6	24	3.8	24	4	13	1.8	14	1.9	125	1039
inc.	0	1	158	647	51	202	43	7.2	37	5.8	36	7	19	2.7	20	2.7	184	1423[2]
KAC263	0	2	131	348	34	133	27	4.7	26	4.3	27	5	16	2.0	15	2.0	160	936
inc.	1	1	144	565	39	150	32	5.3	29	5.1	32	6	18	2.4	18	2.4	169	1217[2]
KAC264	0	2	57	369	16	59	13	2.1	12	2.0	12	3	8	1.2	8	1.1	80	642
KAC265	0	2	75	462	26	93	23	3.4	20	3.3	19	4	12	1.9	13	2.1	121	880
KAC266	0	4	50	248	16	62	13	2.1	13	2.3	15	3	9	1.4	11	1.4	85	531
KAC274	0	2	72	485	24	90	21	3.7	16	2.6	15	3	8	1.2	8	1.1	72	823
KAC275	0	2	71	292	23	80	17	3.0	14	2.2	13	2	7	1.1	7	0.9	63	596
KAC276	0	4	62	190	18	66	14	2.6	13	1.9	11	2	7	1.0	6	0.8	62	457
KAC277	0	2	84	665	28	97	22	3.8	15	2.5	15	3	8	1.1	7	1.0	60	1010
KAC278	0	2	54	215	15	55	11	2.2	9	1.5	9	2	5	0.8	5	0.8	47	433
KAC281	1	2	73	104	15	55	11	3.1	11	1.6	9	2	5	0.6	3	0.5	59	352
inc.	1	1	225	431	48	174	32	6.5	24	3.3	18	3	7	0.9	6	0.9	83	1062[2]
KAC292	4	4	57	259	13	47	9	1.6	8	1.2	8	2	5	0.7	5	0.7	42	458
KAC299	3	15	50	107	12	45	10	1.0	9	1.7	11	2	7	1.0	7	1.1	75	339
KAC301	2	13	61	121	16	56	12	1.3	12	2.0	13	3	8	1.1	8	1.1	88	404
KAC307	0	2	56	168	16	59	14	1.8	13	2.1	13	2	7	1.0	8	1.1	89	451
KAC310	2	26	51	118	13	48	11	1.3	11	1.9	12	2	7	1.1	7	1.0	77	364
KAC311	0	2	56	797	24	89	24	3.0	18	3.2	19	3	9	1.5	10	1.4	70	1128
KAC312	0	3	95	479	33	126	32	4.0	29	4.9	31	6	16	2.5	16	2.2	171	1047
inc.	2	1	118	307	37	134	33	4.0	33	5.8	37	7	21	3.2	20	2.8	250	1011[2]
KAC313	0	4	73	149	22	82	19	2.4	18	2.9	18	4	10	1.5	10	1.4	103	516
KAC315	0	4	65	383	25	95	25	2.7	20	3.5	21	4	11	1.7	11	1.6	99	770
inc.	1	1	99	1098	43	166	47	4.7	34	5.8	33	6	17	2.4	17	2.3	125	1700[2]
KAC316	0	5	72	387	23	87	20	2.2	18	3.2	19	4	11	1.7	11	1.6	114	776
KAC322	0	4	43	208	16	63	15	2.0	13	2.1	13	2	7	1.0	7	1.1	65	459
KAC323	4	19	57	173	16	57	12	1.9	10	1.5	9	2	5	0.7	5	0.7	54	404
KAC328	4	12	47	104	12	47	10	1.4	10	1.5	9	2	6	0.8	5	0.8	62	318
KAC331	1	22	43	112	12	44	11	1.0	10	1.8	12	2	8	1.1	8	1.0	78	344

Hole	From (m)	Interval (m)	La_2O_3 (ppm)	CeO_2 (ppm)	Pr_6O_{11} (ppm)	Nd_2O_3 (ppm)	Sm_2O_3 (ppm)	Eu_2O_3 (ppm)	Gd_2O_3 (ppm)	Tb_4O_7 (ppm)	Dy_2O_3 (ppm)	Ho_2O_3 (ppm)	Er_2O_3 (ppm)	Tm_2O_3 (ppm)	Yb_2O_3 (ppm)	Lu_2O_3 (ppm)	Y_2O_3 (ppm)	TREO[1] (ppm)
KAC332	0	2	143	599	47	170	38	6.2	31	4.9	29	5	16	2.4	17	2.1	172	1284

1 Intercepts reported use a lower cut-off grade of 200ppm TREO – CeO[2], a minimum length of 2m and a maximum internal dilution of 4m unless noted otherwise.

2 Reported using lower cut-off grade of 600ppm TREO – CeO[2], a minimum length of 1m and a maximum internal dilution of 4m.

3 Reported using lower cut-off grade of 500ppm TREO – CeO[2], a minimum length of 4m and a maximum internal dilution of 4m.

Table 3 – Drill Hole Collars

Hole	East	North	RL (m)	Depth (m)	Dip	Azimuth
KAC068	303750	8033376	634	15	-90	0
KRC069	303914	8032574	636	3.5	-90	0
KRC070	303910	8032576	636	15	-90	0
KAC071	304021	8031778	636	30	-90	0
KAC072	303926	8030315	634	30	-90	0
KAC073	302971	8030020	634	30	-90	0
KAC074	302288	8033679	641	30	-90	0
KAC075	302563	8032941	640	30	-90	0
KAC076	302727	8032129	638	15	-90	0
KAC077	302484	8029654	630	30	-90	0
KAC078	294632	8030435	640	15	-90	0
KAC079	294555	8029804	640	30	-90	0
KAC080	295245	8029435	642	30	-90	0
KAC081	295904	8028945	642	30	-90	0
KAC082	296672	8028725	640	15	-90	0
KAC083	296910	8027958	639	15	-90	0
KAC084	296241	8027363	639	15	-90	0
KAC085	295440	8027401	639	30	-90	0
KAC086	294641	8027464	640	30	-90	0
KAC087	297530	8027913	639	30	-90	0
KAC088	298030	8027287	637	30	-90	0
KAC089	298026	8026596	636	15	-90	0
KAC090	298824	8027092	635	15	-90	0
KAC091	299326	8027516	635	30	-90	0
KAC092	299434	8028173	627	30	-90	0
KAC093	300798	8033447	643	30	-90	0
KAC094	299942	8033110	646	15	-90	0
KAC095	299258	8032993	644	15	-90	0
KAC096	298472	8032920	643	30	-90	0
KAC097	298745	8031969	637	15	-90	0
KAC098	298959	8031233	640	30	-90	0
KAC099	301005	8032650	642	15	-90	0
KAC100	301323	8031985	639	15	-90	0
KAC101	301433	8031185	637	15	-90	0
KAC102	301212	8030418	637	15	-90	0
KAC103	304542	8024475	610	24	-90	0
KAC104	304611	8025120	611	30	-90	0
KAC105	305284	8025045	627	30	-90	0

Hole	East	North	RL (m)	Depth (m)	Dip	Azimuth
KAC106	306047	8024947	628	30	-90	0
KAC107	308309	8023892	626	28	-90	0
KAC108	308444	8024639	623	30	-90	0
KAC109	309217	8024538	616	15	-90	0
KAC110	307627	8024748	625	30	-90	0
KAC111	306853	8024840	627	30	-90	0
KAC112	304116	8023845	609	30	-90	0
KAC113	301999	8035667	638	30	-90	0
KAC114	301970	8035269	642	30	-90	0
KAC115	301931	8034868	642	30	-90	0
KAC116	301895	8034480	643	30	-90	0
KAC117	301664	8034491	643	30	-90	0
KAC118	301559	8034896	644	30	-90	0
KAC119	301483	8035277	645	30	-90	0
KAC120	301435	8035651	643	30	-90	0
KAC121	301579	8036181	645	30	-90	0
KAC122	301247	8036196	653	30	-90	0
KAC123	300880	8036310	653	30	-90	0
KAC124	300577	8036402	647	30	-90	0
KAC125	301507	8036631	645	30	-90	0
KAC126	301406	8037015	642	30	-90	0
KAC127	300823	8037850	642	30	-90	0
KAC128	300437	8037729	645	30	-90	0
KAC129	300063	8037601	650	30	-90	0
KAC130	301218	8038194	641	30	-90	0
KAC131	301450	8038473	636	30	-90	0
KAC132	301844	8038501	635	30	-90	0
KAC133	302073	8038321	634	30	-90	0
KAC134	300440	8038056	641	30	-90	0
KAC135	300095	8037923	646	30	-90	0
KAC136	299993	8038235	643	30	-90	0
KAC137	298681	8036978	652	30	-90	0
KAC138	298641	8036742	651	30	-90	0
KAC139	298622	8036368	647	30	-90	0
KAC140	298786	8036223	648	30	-90	0
KAC141	299001	8036132	649	30	-90	0
KAC142	299024	8036342	650	30	-90	0
KAC143	299064	8036603	650	30	-90	0
KAC144	299280	8036755	651	30	-90	0
KAC145	299453	8036883	651	30	-90	0
KAC146	299631	8037036	651	30	-90	0

Hole	East	North	RL (m)	Depth (m)	Dip	Azimuth
KAC147	300011	8036825	650	30	-90	0
KAC148	300280	8036412	648	30	-90	0
KAC149	300583	8035940	647	30	-90	0
KAC150	299789	8037203	652	30	-90	0
KAC151	299631	8037590	653	30	-90	0
KAC152	301509	8029659	627	30	-90	0
KAC153	300618	8029801	632	30	-90	0
KAC154	298986	8028267	633	30	-90	0
KAC155	298266	8027879	636	30	-90	0
KAC156	299209	8028654	622	30	-90	0
KAC157	298460	8028877	625	30	-90	0
KAC158	297610	8028862	636	30	-90	0
KAC159	298432	8030088	623	30	-90	0
KAC160	297482	8030541	637	30	-90	0
KAC161	296862	8031047	642	30	-90	0
KAC162	296128	8031638	643	30	-90	0
KAC163	296805	8031758	641	15	-90	0
KAC164	297585	8031706	626	30	-90	0
KAC165	295244	8031746	634	30	-90	0
KAC166	295159	8032629	636	15	-90	0
KAC167	295295	8033374	645	15	-90	0
KAC168	295439	8034090	646	15	-90	0
KAC169	295572	8034768	651	15	-90	0
KAC170	296149	8034594	649	30	-90	0
KAC171	296677	8033815	644	30	-90	0
KAC172	297231	8033753	633	30	-90	0
KAC173	298022	8033656	632	30	-90	0
KAC174	298452	8031722	631	30	-90	0
KAC175	302889	8023840	605	30	-90	0
KAC176	302141	8023991	607	30	-90	0
KAC177	301596	8024665	616	30	-90	0
KAC178	301236	8025370	613	15	-90	0
KAC179	300507	8025642	627	30	-90	0
KAC180	299689	8025743	634	30	-90	0
KAC181	298909	8025833	634	15	-90	0
KAC182	298104	8025925	634	15	-90	0
KAC183	297335	8026002	635	30	-90	0
KAC184	313111	8021235	595	30	-90	0
KAC185	313048	8019841	607	30	-90	0
KAC186	313671	8020507	600	30	-90	0
KAC187	314453	8020399	613	30	-90	0

Hole	East	North	RL (m)	Depth (m)	Dip	Azimuth
KAC188	315166	8020320	617	30	-90	0
KAC189	316070	8020577	617	30	-90	0
KAC190	316885	8020787	619	15	-90	0
KAC191	317608	8020422	610	30	-90	0
KAC192	318386	8020224	615	30	-90	0
KAC193	319132	8019599	613	30	-90	0
KAC194	319831	8019950	618	30	-90	0
KAC195	320292	8020434	621	30	-90	0
KAC196	320807	8021082	626	30	-90	0
KAC197	321165	8021825	632	30	-90	0
KAC198	319308	8019081	612	15	-90	0
KAC199	319120	8018320	607	30	-90	0
KAC200	319291	8017429	607	15	-90	0
KAC201	319336	8016629	605	27	-90	0
KAC202	318432	8015848	612	27	-90	0
KAC203	316821	8016008	600	30	-90	0
KAC204	316077	8016080	603	1.5	-90	0
KAC205	316030	8016085	603	2	-90	0
KAC206	315371	8016241	595	5	-90	0
KAC207	314513	8016557	590	11	-90	0
KAC208	313759	8016718	591	13	-90	0
KAC209	313078	8017095	594	13	-90	0
KAC210	317649	8015921	613	2.5	-90	0
KAC211	300202	8035889	648	30	-90	0
KAC212	299989	8035863	648	30	-90	0
KAC213	299789	8035840	650	30	-90	0
KAC214	299593	8035816	649	30	-90	0
KAC215	299119	8035762	649	30	-90	0
KAC216	299067	8035938	649	30	-90	0
KAC217	298896	8035734	649	30	-90	0
KAC218	298655	8035707	649	30	-90	0
KAC219	298513	8035690	648	30	-90	0
KAC220	298304	8035667	643	30	-90	0
KAC221	299903	8035617	648	30	-90	0
KAC222	299990	8035407	648	30	-90	0
KAC223	300078	8035198	647	30	-90	0
KAC224	300170	8034978	646	30	-90	0
KAC225	300248	8034791	645	30	-90	0
KAC226	300030	8034635	647	30	-90	0
KAC227	299626	8034892	647	36	-90	0
KAC228	299570	8035097	648	30	-90	0

Hole	East	North	RL (m)	Depth (m)	Dip	Azimuth
KAC229	299534	8035310	648	30	-90	0
KAC230	299487	8035513	650	30	-90	0
KAC231	298868	8035555	649	30	-90	0
KAC232	298768	8035391	648	30	-90	0
KAC233	298675	8035254	648	30	-90	0
KAC234	298517	8035107	644	30	-90	0
KAC235	298396	8034958	642	30	-90	0
KAC236	298293	8034790	639	30	-90	0
KAC237	298770	8034747	647	30	-90	0
KAC238	299210	8034707	647	30	-90	0
KAC239	299631	8034670	647	30	-90	0
KAC240	300710	8034573	644	30	-90	0
KAC241	301108	8034537	644	30	-90	0
KAC242	301291	8034720	643	30	-90	0
KAC243	301097	8035134	645	30	-90	0
KAC244	300854	8035528	647	33	-90	0
KAC245	298736	8037511	655	30	-90	0
KAC246	302073	8036406	636	30	-90	0
KAC247	302127	8036994	635	29	-90	0
KAC248	302177	8037552	633	30	-90	0
KAC249	296805	8026066	635	30	-90	0
KAC250	298006	8035289	631	30	-90	0
KAC251	297633	8034851	667	30	-90	0
KAC252	297227	8034886	665	15	-90	0
KAC253	296795	8034925	671	30	-90	0
KAC254	296418	8034960	678	30	-90	0
KAC255	296010	8034997	659	30	-90	0
KAC256	298061	8037280	657	15	-90	0
KAC257	297950	8037441	656	15	-90	0
KAC258	297842	8037594	655	15	-90	0
KAC259	297727	8037760	659	15	-90	0
KAC260	297489	8038100	661	15	-90	0
KAC261	298031	8037036	657	15	-90	0
KAC262	297844	8036917	658	15	-90	0
KAC263	297521	8036711	656	30	-90	0
KAC264	297168	8036486	659	15	-90	0
KAC265	296830	8036270	660	15	-90	0
KAC266	296484	8036050	663	30	-90	0
KAC267	296160	8035843	660	15	-90	0
KAC268	319237	8015758	605	16	-90	0
KAC269	320007	8015678	610	15	-90	0

Hole	East	North	RL (m)	Depth (m)	Dip	Azimuth
KAC270	320796	8015596	620	16	-90	0
KAC271	321251	8016424	618	21	-90	0
KAC272	321333	8017191	616	18	-90	0
KAC273	321417	8017963	614	23	-90	0
KAC274	321486	8018731	621	30	-90	0
KAC275	321572	8019617	623	30	-90	0
KAC276	321652	8020400	630	33	-90	0
KAC277	321733	8021202	635	30	-90	0
KAC278	321819	8022004	642	30	-90	0
KAC279	321134	8014614	610	3	-90	0
KAC280	321861	8014738	604	6	-90	0
KAC281	322586	8015199	605	3	-90	0
KAC282	322537	8015980	601	30	-90	0
KAC283	322790	8016820	602	30	-90	0
KAC284	320007	8009981	603	8	-90	0
KAC285	320451	8010812	609	4	-90	0
KAC286	320760	8011589	608	3	-90	0
KAC287	320850	8013136	612	2	-90	0
KAC288	320773	8013987	615	10	-90	0
KAC289	319999	8013843	616	4	-90	0
KAC290	319234	8013717	600	6	-90	0
KAC291	318302	8014066	614	30	-90	0
KAC292	317614	8014099	612	15	-90	0
KAC293	316781	8014242	601	19	-90	0
KAC294	316017	8014362	596	6	-90	0
KAC295	315222	8013717	589	3	-90	0
KAC296	318357	8020243	619	31	-90	0
KAC297	295747	8026190	642	15	-90	0
KAC298	294968	8026280	642	15	-90	0
KAC299	294007	8026009	631	30	-90	0
KAC300	294328	8025287	625	30	-90	0
KAC301	295028	8025008	626	15	-90	0
KAC302	295373	8024413	638	15	-90	0
KAC303	295245	8023718	623	33	-90	0
KAC304	294754	8022912	637	42	-90	0
KAC305	294192	8022192	645	15	-90	0
KAC306	294443	8021849	635	30	-90	0
KAC307	295234	8021865	630	30	-90	0
KAC308	297365	8022642	615	30	-90	0
KAC309	298134	8022912	631	30	-90	0
KAC310	298708	8022373	618	30	-90	0

Hole	East	North	RL (m)	Depth (m)	Dip	Azimuth
KAC311	298100	8023702	635	15	-90	0
KAC312	298050	8024496	641	15	-90	0
KAC313	297994	8025320	640	30	-90	0
KAC314	293446	8026517	643	39	-90	0
KAC315	292806	8026595	649	30	-90	0
KAC316	291828	8026727	645	33	-90	0
KAC317	290944	8026827	645	30	-90	0
KAC318	290199	8026913	648	30	-90	0
KAC319	290118	8026072	651	30	-90	0
KAC320	290044	8025313	649	27	-90	0
KAC321	290002	8024482	643	30	-90	0
KAC322	289906	8023693	641	30	-90	0
KAC323	295036	8015235	615	23	-90	0
KAC324	294261	8015013	622	30	-90	0
KAC325	293515	8014753	621	33	-90	0
KAC326	292742	8014332	625	30	-90	0
KAC327	291245	8014059	630	30	-90	0
KAC328	290830	8013414	632	30	-90	0
KAC329	290458	8012608	633	30	-90	0
KAC330	291960	8014252	629	30	-90	0
KAC331	295085	8023446	619	57	-90	0
KAC332	298140	8036718	652	43	-90	0

Appendix 1. Kennedy - JORC 2012 Table

Section 1 Sampling Techniques and Data

Criteria	JORC Code explanation	Commentary
Sampling techniques	• *Nature and quality of sampling (eg cut channels, random chips, or specific specialised industry standard measurement tools appropriate to the minerals under investigation, such as down hole gamma sondes, or handheld XRF instruments, etc). These examples should not be taken as limiting the broad meaning of sampling.* • *Include reference to measures taken to ensure sample representivity and the appropriate calibration of any measurement tools or systems used.* • *Aspects of the determination of mineralisation that are Material to the Public Report.* • *In cases where 'industry standard' work has been done this would be relatively simple (eg 'reverse circulation drilling was used to obtain 1 m samples from which 3 kg was pulverised to produce a 30 g charge for fire assay'). In other cases more explanation may be required, such as where there is coarse gold that has inherent sampling problems. Unusual commodities or mineralisation types (eg submarine nodules) may warrant disclosure of detailed information.*	• 265 air-core drill holes for 6,730 metres were drilled to depths of 15 to 30 metres with a small number of drill holes testing to depths of ~50 metres. • All drill hole collars have been reported with coordinates in MGA94 grid system, Zone 55. • Bulk samples were collected in 1m bags and were sampled over 1m intervals using the routine spear-sampling technique and then submitted to ALS laboratory for analysis. • Drill samples were submitted to ALS Laboratories for preparation and analysis. • Laboratory sample preparation comprised drying, jaw crushing and pulverising to -75 microns (85% passing) to produce sufficient sample for REE analysis. • No relationship has been observed between sample recovery and grade. Sample bias is unlikely due to the good general recovery of sample.
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).*	• Drilling was undertaken using a Wallis Mantis 80 air-core drill rig with a 4.5" drill bit.
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.*	• Recovery of samples is recorded where sample recovery is below the expected volume. • No relationship is identified between sample recovery and grade.
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.*	• Detailed geological logs were compiled for all drill holes which are appropriate for Mineral Resource Estimation, mining studies and metallurgy. • Logging of geology is carried out systematically and entered into Microsoft Excel spreadsheets. • All holes are qualitatively logged and, for particular observations such as vein, mineral and sulphide content, a quantitative recording is made. • Following sieving, remnant chips are collected in trays and photographs are taken for all holes. • All drill holes were logged in full.
Sub-sampling techniques and sample preparation	• *If core, whether cut or sawn and whether quarter, half or all core taken.* • *If non-core, whether riffled, tube sampled, rotary split, etc and whether sampled wet or dry.* • *For all sample types, the nature, quality and appropriateness of the sample preparation technique.* • *Quality control procedures adopted for all sub-sampling stages to maximise representivity of samples.* • *Measures taken to ensure that the sampling is representative of the in situ material collected, including for instance results for field duplicate/second-half sampling.*	• Company procedures are followed to ensure sampling effectiveness and consistency are being maintained. • Bulk one metre intervals are collected from the rig. A separate 1-3kg one metre sample is collected from the bulk sample using a sample spear to create a reference sample which is placed in calico bags and placed next to the larger source sample bags. Routine two metre composite samples are collected from the source sample bags using a spear sampling technique. One metre samples for the top six metres are despatched to the laboratory for analysis with 0.5m samples collected for the top 4m in areas of known mineralization. Two metre composites are sent for laboratory analysis for the remainder of the holes. Individual one metre samples for the composited zone are stored for future submission if anomalous results are identified.

<table>
<tr><th>Criteria</th><th>JORC Code explanation</th><th>Commentary</th></tr>
<tr><td></td><td>Whether sample sizes are appropriate to the grain size of the material being sampled.</td><td>The size of the sample is considered to have been appropriate to the grain size for all holes.</td></tr>
<tr><td>Quality of assay data and laboratory tests</td><td>The nature, quality and appropriateness of the assaying and laboratory procedures used and whether the technique is considered partial or total.
For geophysical tools, spectrometers, handheld XRF instruments, etc, the parameters used in determining the analysis including instrument make and model, reading times, calibrations factors applied and their derivation, etc.
Nature of quality control procedures adopted (eg standards, blanks, duplicates, external laboratory checks) and whether acceptable levels of accuracy (ie lack of bias) and precision have been established.</td><td>Entire samples were crushed and pulverised to 85% passing -75 µm.
Samples were analysed for the elements listed below using Lithium-Borate fusion with ICP-MS finish (ME-MS81).
<table>
<tr><th>Analyte</th><th>Units</th><th>Lower Limit</th><th>Upper Limit</th></tr>
<tr><td>Ba</td><td>ppm</td><td>0.5</td><td>10000</td></tr>
<tr><td>Cs</td><td>ppm</td><td>0.01</td><td>10000</td></tr>
<tr><td>Eu</td><td>ppm</td><td>0.02</td><td>1000</td></tr>
<tr><td>Hf</td><td>ppm</td><td>0.1</td><td>10000</td></tr>
<tr><td>Lu</td><td>ppm</td><td>0.01</td><td>1000</td></tr>
<tr><td>Pr</td><td>ppm</td><td>0.02</td><td>1000</td></tr>
<tr><td>Sn</td><td>ppm</td><td>1</td><td>10000</td></tr>
<tr><td>Tb</td><td>ppm</td><td>0.01</td><td>1000</td></tr>
<tr><td>U</td><td>ppm</td><td>0.05</td><td>1000</td></tr>
<tr><td>Y</td><td>ppm</td><td>0.1</td><td>10000</td></tr>
<tr><td>Ce</td><td>ppm</td><td>0.1</td><td>10000</td></tr>
<tr><td>Dy</td><td>ppm</td><td>0.05</td><td>1000</td></tr>
<tr><td>Ga</td><td>ppm</td><td>0.1</td><td>1000</td></tr>
<tr><td>Ho</td><td>ppm</td><td>0.01</td><td>1000</td></tr>
<tr><td>Nb</td><td>ppm</td><td>0.1</td><td>2500</td></tr>
<tr><td>Rb</td><td>ppm</td><td>0.2</td><td>10000</td></tr>
<tr><td>Sr</td><td>ppm</td><td>0.1</td><td>10000</td></tr>
<tr><td>Th</td><td>ppm</td><td>0.05</td><td>1000</td></tr>
<tr><td>V</td><td>ppm</td><td>5</td><td>10000</td></tr>
<tr><td>Yb</td><td>ppm</td><td>0.03</td><td>1000</td></tr>
<tr><td>Cr</td><td>ppm</td><td>10</td><td>10000</td></tr>
<tr><td>Er</td><td>ppm</td><td>0.03</td><td>1000</td></tr>
<tr><td>Gd</td><td>ppm</td><td>0.05</td><td>1000</td></tr>
<tr><td>La</td><td>ppm</td><td>0.1</td><td>10000</td></tr>
<tr><td>Nd</td><td>ppm</td><td>0.1</td><td>10000</td></tr>
<tr><td>Sm</td><td>ppm</td><td>0.03</td><td>1000</td></tr>
<tr><td>Ta</td><td>ppm</td><td>0.1</td><td>2500</td></tr>
<tr><td>Tm</td><td>ppm</td><td>0.01</td><td>1000</td></tr>
<tr><td>W</td><td>ppm</td><td>1</td><td>10000</td></tr>
<tr><td>Zr</td><td>ppm</td><td>2</td><td>10000</td></tr>
</table>
A standard was inserted approximately every 10 samples. Laboratory checks were also carried out. All QAQC was checked for accuracy.</td></tr>
<tr><td>Verification of sampling and assaying</td><td>The verification of significant intersections by either independent or alternative company personnel.
The use of twinned holes.
Documentation of primary data, data entry procedures, data verification, data storage (physical and electronic) protocols.
Discuss any adjustment to assay data.</td><td>Significant intercepts have been verified by alternative Company personnel.
The use of twinned holes is not appropriate at this early stage of assessment.
All drilling data is collected in the field using data collection software which is validated prior to being entered into an Access database. Data is exported from Access for processing and analysis using a variety of software packages.
Chip-tray samples were collected as permanent physical records for audit and validation purposes, and all holes photographed for future reference.
Rare earth oxide is the industry accepted form for reporting rare earths. The following calculations have been used throughout the report:
TREO = $La_2O_3 + CeO_2 + Pr_6O_{11} + Nd_2O_3 + Sm_2O_3 + Eu_2O_3 + Gd_2O_3 + Tb_4O_7 + Dy_2O_3 + Ho_2O_3 + Er_2O_3 + Tm_2O_3 + Yb_2O_3 + Lu_2O_3 + Y_2O_3$
TREO-Ce = TREO - CeO_2</td></tr>
</table>

<table>
<tr><th>Criteria</th><th>JORC Code explanation</th><th>Commentary</th></tr>
<tr><td></td><td></td><td>
Laboratory analysis reports individual rare earths in their element form. The Company has applied the standard conversion formulas to convert the rare earths from elemental to oxide. This is standard industry practice.
<table>
<tr><th>Element Oxide</th><th>Oxide Factor</th></tr>
<tr><td>CeO2</td><td>1.2284</td></tr>
<tr><td>Dy2O3</td><td>1.1477</td></tr>
<tr><td>Er2O3</td><td>1.1435</td></tr>
<tr><td>Eu2O3</td><td>1.1579</td></tr>
<tr><td>Gd2O3</td><td>1.1526</td></tr>
<tr><td>Ho2O3</td><td>1.1455</td></tr>
<tr><td>La2O3</td><td>1.1728</td></tr>
<tr><td>Lu2O3</td><td>1.1371</td></tr>
<tr><td>Nd2O3</td><td>1.1664</td></tr>
<tr><td>Pr6O11</td><td>1.2082</td></tr>
<tr><td>Sc2O3</td><td>1.5338</td></tr>
<tr><td>Sm2O3</td><td>1.1596</td></tr>
<tr><td>Tb4O7</td><td>1.1762</td></tr>
<tr><td>ThO2</td><td>1.1379</td></tr>
<tr><td>Tm2O3</td><td>1.1421</td></tr>
<tr><td>U3O8</td><td>1.1793</td></tr>
<tr><td>Y2O3</td><td>1.2699</td></tr>
<tr><td>Yb2O3</td><td>1.1387</td></tr>
</table>
Note that Y_2O3 is included in the TREO.
</td></tr>
<tr><td>Location of data points</td><td>Accuracy and quality of surveys used to locate drill holes (collar and down-hole surveys), trenches, mine workings and other locations used in Mineral Resource estimation.
Specification of the grid system used.
Quality and adequacy of topographic control.</td><td>No Mineral Resource is being considered in this report.
Easting and Northing collar positions determined using handheld GPS (+/- 5 metre accuracy) considered appropriate for early-stage exploration for the majority of drill holes. Hole positions in the area of high drill density in the north area where picked up using an RTK GNSS DGPS survey tool.
The grid system is GDA94 Zone 55. Topographic control used is derived from regional airborne geophysical surveys cross checked to government topography and is likely to be accurate less than 5m.</td></tr>
<tr><td>Data spacing and distribution</td><td>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.</td><td>In-fill holes were drilled to test between previous broad spaced drilling, in-fill hole spacing ranges from 200m to 400m apart.
Drill spacing is demonstrating continuity, and further infill drilling is required between traverses to ascertain appropriateness for Mineral Resource estimation.
Regional drill holes were drilled on existing tracks and at 800m spacing.
Drill samples were taken at intervals ranging from 0.5m to 2m which were analysed and where appropriate, reported in this report as broader intercepts.</td></tr>
<tr><td>Orientation of data in relation to geological structure</td><td>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.</td><td>Holes were drilled vertically as a first pass test of the top 10 to 30m of the transported and regolith profile to assess the presence of remobilised REE's from a nearby primary source.
The mineralisation is considered to be flat-lying, hence the use of vertical drill holes.</td></tr>
<tr><td>Sample security</td><td>The measures taken to ensure sample security.</td><td>Samples were labelled and bagged and held in a company store facility until it was despatched to the laboratory by company employees.</td></tr>
<tr><td>Audits or reviews</td><td>The results of any audits or reviews of sampling techniques and data.</td><td>No audits have been completed.</td></tr>
</table>

Section 2 Reporting of Exploration Results

Criteria	JORC Code explanation	Commentary
Mineral tenement and land tenure status	• *Type, reference name/number, location and ownership including agreements or material issues with third parties such as joint ventures, partnerships, overriding royalties, native title interests, historical sites, wilderness or national park and environmental settings.* • *The security of the tenure held at the time of reporting along with any known impediments to obtaining a licence to operate in the area.*	• The Kennedy Project comprises EPM28009, EPM28012 and EPM28767, granted in 2022 and 2023 respectively by the Department of Natural Resources, Mines and Energy, Queensland. • DevEx Resources Limited holds 100% of the Kennedy Project through its wholly owned subsidiary Copper Green Pty Ltd. • The project predominantly covers private land and term leases. • Notice of entry is required for low impact exploration activities which result in minimal surface disturbance. Higher impact work involving significant disturbance, requires an access agreement to be entered into with the landholder (Conduct and Compensation Agreement). Access to areas of drilling outlined in this release is a combination of access agreements (majority) and notice of entry. • EPM's 28009, 28012 and 28767 are in good standing.
Exploration done by other parties	• *Acknowledgment and appraisal of exploration by other parties.*	• Early exploration (pre-1980) focused on alluvial tin. Since then, almost all exploration has been designed to assess mineral potential beneath the Tertiary and Quaternary sedimentary sequences which drilling indicates are 50 to 100m metres thick. Drilling through the cover sequence has variably tested predominantly geophysical targets for magmatic tin, magmatic nickel and zinc-rich skarns. Previous explorers include WMC, Kagara Zinc, Norica, CRAE, Metallica and North Broken Hill Pty Ltd. • No mineral exploration for rare earth elements has been undertaken.
Geology	• *Deposit type, geological setting and style of mineralisation.*	• DevEx's tenure is located on the Atherton 1:250,000 map and is covered almost exclusively by Tertiary and Quaternary sediments, laterites or colluvium, as described in Queensland Geological Survey database. They are close to or overlie rocks that may be sources for rare earth elements often being enriched in Sn-W-F, or peralkaline in nature. • The geology layer used is the Detailed Surface Geology Layer_2022, as sourced through the Queensland Government Spatial Catalogue. • A prospectivity analysis by the University of Queensland (Queensland New Economy Minerals: Rare Earths) suggests this area might be favourable for REE's associated with alkalic intrusions. • The Tertiary Clays (Target Regolith) which host the rare earths comprises clay dominant unconsolidated sediments and mapped as "Ta" on the 1:250,000 Atherton Sheet. Minor iron pisolites are noted in the top 2m.

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:*
	  o *easting and northing of the drill hole collar*
	  o *elevation or RL (Reduced Level – elevation above sea level in metres) of the drill hole collar*
	  o *dip and azimuth of the hole*
	  o *down hole length and interception depth*
	  o *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.*
		• Results from the Company's drilling is presented in the Figures and Tables of this report.

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*	• Significant intercepts are reported using a cut-off of 200ppm TREO-CeO_2 unless stated otherwise. In choosing this cut-off DevEx reviewed similar projects which are at a more advanced stage.

Criteria	JORC Code explanation	Commentary
	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.*	
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').*	• As mineralisation is flat-lying, true thickness is reflected in the intercepts. Variability may exist between drill holes due to the broad spacing. • Individual higher grades from the 1m sample assays are also reported.
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.*	• Diagrams demonstrate the extent of REE mineralisation in surface clays. The scale and detail of the drilling limited the ability to effectively show hole numbers on figures. Tables referencing significant intercepts also list Areas A and B for context. • Refer to Figures in the body of text.
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.*	• Collar information and Significant Intercepts are reported in Tables and Figures.
Other substantive exploration data	• *Other exploration data, if meaningful and material, should be reported including (but not limited to): geological observations; geophysical survey results; geochemical survey results; bulk samples – size and method of treatment; metallurgical test results; bulk density, groundwater, geotechnical and rock characteristics; potential deleterious or contaminating substances.*	• All relevant exploration data is shown on the Figures and in the body of the report.
Further work	• *The nature and scale of planned further work (eg tests for lateral extensions or depth extensions or large-scale step-out drilling).* • *Diagrams clearly highlighting the areas of possible extensions, including the main geological interpretations and future drilling areas, provided this information is not commercially sensitive.*	• Company is reviewing results from drilling and next steps for further metallurgical test work.