

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U
1	Table S2. U-Pb isotope ratios and trace element concentrations by LA-ICPMS: sample data																				
2																					
3																					
4	Composition								Corrected isotope ratios												
5	Analysis	U	Th	Pb	206Pb	206Pb			208Pb	±2s	207Pb	±2s	206Pb	±2s	error	238U	±2s	207Pb	±2s	208Pb	
6		ppm	ppm	ppm	Th/U	cps	204Pb	±1s	232Th	(%)	235U	(%)	238U	(%)	corr.	206Pb	(%)	206Pb	(%)	232Th	
7																					
8	KH344_S_82	132	59.8	1.65	0.454	1511	68	2	0.00492	18.26	0.0791	28.0	0.00990	6.2	0.22	101.03	6.2	0.05794	27.3	99.1	
9	KH344_S_34	359	32.1	93.0	0.089	99606	7963	488	0.03051	20.87	2.9980	7.4	0.23127	6.3	0.86	4.32	6.3	0.09402	3.7	607	
10	KH344_S_46	369	225	115	0.609	109653	2943	99	0.05952	8.09	3.5560	4.4	0.24502	3.9	0.85	4.08	3.9	0.10526	2.2	1169	
11	KH344_S_122	498	45.0	152	0.091	155904	4077	178	0.11022	7.7	3.8753	13.2	0.25840	13.0	0.98	3.87	13.0	0.10877	2.2	2113	
12	KH344_S_116	237	89.7	77.2	0.379	76502	6785	58	0.08944	4.32	3.9065	4.5	0.26211	4.0	0.87	3.82	4.0	0.10809	2.1	1731	
13	KH344_S_106	277	174	94.6	0.627	92340	6728	73	0.07527	3.279	3.9543	3.7	0.26311	2.4	0.62	3.80	2.4	0.10900	2.8	1467	
14	KH344_S_69	214	48.8	67.9	0.228	70811	24075	240	0.08624	4.817	4.0059	4.4	0.26817	4.1	0.92	3.73	4.1	0.10834	1.6	1672	
15	KH344_M_6	134	54.7	44.4	0.408	46588	2112	71	0.07877	5.985	4.0282	5.2	0.27175	3.9	0.74	3.68	3.9	0.10751	3.4	1532	
16	KH344_S_105	402	152	140	0.377	148433	3256	48	0.07951	4.459	4.1974	3.2	0.28045	3.0	0.89	3.57	3.0	0.10855	1.3	1546	
17	KH344_S_56	232	165	86.7	0.712	79022	6200	406	0.08625	2.894	4.1438	5.5	0.28103	5.1	0.92	3.56	5.1	0.10694	2.1	1672	
18	KH344_M_2	271	67.1	89.8	0.248	99795	99795	829	0.07064	5.859	4.0778	2.7	0.28124	2.1	0.73	3.56	2.1	0.10516	1.7	1380	
19	KH344_S_29	270	99.3	93.6	0.367	91249	5554	110	0.08541	4.829	4.0616	3.9	0.28262	3.2	0.8	3.54	3.2	0.10423	2.2	1657	
20	KH344_M_7	410	116	142	0.283	149534	5866	53	0.07729	3.512	4.1921	3.1	0.28408	2.7	0.82	3.52	2.7	0.10703	1.6	1505	
21	KH344_M_3	226	54.6	76.9	0.241	85490	8305	112	0.08603	4.914	4.1464	4.0	0.28653	3.2	0.78	3.49	3.2	0.10495	2.4	1668	
22	KH344_M_23	107	44.1	37.3	0.410	36165	11322	197	0.08113	5.247	4.0874	5.1	0.28673	3.3	0.62	3.49	3.3	0.10339	3.9	1577	
23	KH344_S_52	313	57.6	106	0.184	110562	110562	1496	0.08814	5.932	4.1667	3.6	0.28754	3.2	0.87	3.48	3.2	0.10510	1.6	1707	
24	KH344_M_13	178	58.0	61.2	0.325	68625	68625	1809	0.07301	8.973	4.2934	5.3	0.28759	4.4	0.82	3.48	4.4	0.10827	2.9	1424	
25	KH344_S_110	394	113	139	0.288	151752	2866	64	0.08926	4.15	4.2176	4.3	0.28793	4.1	0.93	3.47	4.1	0.10624	1.4	1728	
26	KH344_S_80	290	53.8	98.3	0.186	104378	4095	46	0.08812	6.647	4.1323	4.5	0.28844	3.8	0.83	3.47	3.8	0.10391	2.4	1707	
27	KH344_S_131	290	67.9	99.9	0.234	104985	19470	331	0.09053	5.438	4.1983	3.9	0.28855	3.3	0.83	3.47	3.3	0.10552	2.0	1752	
28	KH344_S_107	232	87.9	82.4	0.380	87296	9618	75	0.08862	3.043	4.2967	3.3	0.28894	2.8	0.83	3.46	2.8	0.10667	1.7	1716	
29	KH344_S_71	263	330	111	1.26	94437	5748	113	0.08060	2.13	4.0668	4.0	0.28959	3.3	0.81	3.45	3.3	0.10185	2.2	1567	
30	KH344_S_100	250	186	96.2	0.745	92899	92899	963	0.08279	2.565	4.1552	3.8	0.29033	2.7	0.7	3.44	2.7	0.10380	2.6	1608	
31	KH344_S_54	195	104	71.7	0.531	68256	15471	258	0.08466	3.587	4.2426	3.5	0.29066	2.9	0.8	3.44	2.9	0.10586	1.9	1643	
32	KH344_S_50	101	73.8	38.4	0.734	35314	3430	72	0.08207	3.559	4.4563	4.6	0.29135	2.2	0.46	3.43	2.2	0.11093	4.0	1594	
33	KH344_S_79	313	171	118	0.547	115879	14313	195	0.08726	5.126	4.2607	3.1	0.29329	2.3	0.71	3.41	2.3	0.10536	2.1	1691	
34	KH344_S_119	161	83.1	59.0	0.517	56983	2906	79	0.08227	6.504	4.3252	6.3	0.29350	5.6	0.88	3.41	5.6	0.10688	2.9	1598	
35	KH344_M_14	267	114	97.6	0.427	101805	101805	1434	0.08397	4.507	4.2416	4.2	0.29528	3.3	0.78	3.39	3.3	0.10418	2.5	1630	
36	KH344_M_20	234	98.1	85.4	0.419	83487	83487	1333	0.08500	4.074	4.4007	3.5	0.29532	3.0	0.82	3.39	3.0	0.10808	1.9	1649	
37	KH344_M_24	231	70.0	82.0	0.304	77977	2093	74	0.08917	2.985	4.3208	4.8	0.29539	3.8	0.77	3.39	3.8	0.10609	3.0	1727	
38	KH344_S_64	279	110	102	0.392	101250	101250	1466	0.08721	5.581	4.2803	3.6	0.29543	3.3	0.89	3.38	3.3	0.10508	1.5	1690	
39	KH344_S_97	232	70.3	82.2	0.304	84788	8237	201	0.08775	4.673	4.1742	4.1	0.29580	3.7	0.88	3.38	3.7	0.10235	1.7	1700	
40	KH344_M_18	172	55.1	61.2	0.320	61207	61207	523	0.08671	4.815	4.3590	3.7	0.29656	2.7	0.71	3.37	2.7	0.10661	2.5	1681	
41	KH344_S_58	72.9	33.1	26.5	0.454	26835	4753	85	0.08305	7.153	4.3952	4.8	0.29700	1.9	0.37	3.37	1.9	0.10733	4.4	1613	
42	KH344_S_87	242	130	92.1	0.537	94964	42895	449	0.08962	4.151	4.3689	3.0	0.29723	2.8	0.9	3.36	2.8	0.10661	1.0	1735	
43	KH344_M_22	137	45.7	49.1	0.333	48482	2473	34	0.09063	6.376	4.3424	4.2	0.29730	2.0	0.44	3.36	2.0	0.10593	3.7	1754	
44	KH344_S_135	108	62.9	40.9	0.583	38929	2602	37	0.09178	4.022	4.3081	5.5	0.29731	3.5	0.62	3.36	3.5	0.10509	4.3	1775	
45	KH344_S_85	156	67.2	56.9	0.432	55852	55852	1063	0.08486	3.914	4.4042	4.6	0.29753	3.0	0.64	3.36	3.0	0.10736	3.4	1646	
46	KH344_M_11	84.5	44.3	31.7	0.524	32483	3681	30	0.09217	4.352	4.3060	5.5	0.29808	4.1	0.75	3.35	4.1	0.10477	3.6	1782	
47	KH344_S_128	288	65.1	103	0.226	114573	10863	257	0.09908	5.947	4.2938	3.7	0.29816	2.8	0.73	3.35	2.8	0.10444	2.4	1909	
48	KH344_S_40	186	84.3	69.0	0.453	67674	1517	40	0.08899	2.92	4.2923	3.4	0.29828	2.7	0.75	3.35	2.7	0.10437	2.1	1723	
49	KH344_S_84	215	95.2	79.5	0.442	78861	5641	239	0.08564	4.689	4.2839	5.0	0.29840	4.2	0.83	3.35	4.2	0.10412	2.7	1661	

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U
50	KH344_M_10	156	79.5	58.1	0.509	59675	1503	26		0.08401	8.125	4.2814	5.0	0.29859	3.9	0.76	3.35	3.9	0.10399	3.2	1630
51	KH344_S_74	194	96.0	72.5	0.496	68029	3469	77		0.08800	5.58	4.3580	4.2	0.29862	3.1	0.7	3.35	3.1	0.10585	2.9	1705
52	KH344_S_104	157	106	61.3	0.679	57125	4482	151		0.08954	4.588	4.3774	4.0	0.29868	3.2	0.76	3.35	3.2	0.10629	2.5	1733
53	KH344_S_68	101	57.8	38.0	0.573	35887	3402	87		0.08642	4.762	4.2331	5.2	0.29902	3.0	0.55	3.34	3.0	0.10268	4.3	1675
54	KH344_M_17	105	65.6	40.4	0.623	36802	807	15		0.08696	4.881	4.4330	5.5	0.29913	4.1	0.73	3.34	4.1	0.10748	3.7	1685
55	KH344_M_21	97.2	39.8	35.2	0.409	34210	34210	306		0.08366	5.161	4.2977	5.3	0.29940	3.8	0.7	3.34	3.8	0.10411	3.7	1624
56	KH344_S_51	146	46.1	52.3	0.315	54076	1870	32		0.08727	6.151	4.3123	4.9	0.29969	4.5	0.9	3.34	4.5	0.10436	2.0	1691
57	KH344_S_43	188	101	70.9	0.538	69493	15752	410		0.08567	5.492	4.3232	3.8	0.30002	2.8	0.71	3.33	2.8	0.10451	2.6	1661
58	KH344_S_125	271	43.6	94.7	0.161	102754	102754	2437		0.08700	5.565	4.2726	3.3	0.30003	2.9	0.86	3.33	2.9	0.10328	1.5	1686
59	KH344_S_70	169	85.8	63.6	0.507	61588	4924	115		0.08647	5.642	4.3538	3.8	0.30029	2.8	0.72	3.33	2.8	0.10515	2.5	1676
60	KH344_M_8	176	87.1	66.0	0.495	67492	67492	1011		0.08563	2.937	4.3935	4.9	0.30033	4.3	0.86	3.33	4.3	0.10610	2.4	1661
61	KH344_S_126	127	72.3	48.4	0.568	48774	691	13		0.08806	5.617	4.3038	4.0	0.30066	3.6	0.89	3.33	3.6	0.10382	1.7	1706
62	KH344_S_73	120	68.7	45.8	0.570	43431	3107	25		0.08508	3.93	4.5675	5.6	0.30077	4.0	0.71	3.32	4.0	0.11014	3.9	1650
63	KH344_S_96	202	52.9	72.4	0.262	78630	13928	274		0.09439	3.519	4.2170	4.7	0.30094	3.9	0.81	3.32	3.9	0.10163	2.6	1823
64	KH344_S_94	98.7	44.1	36.5	0.447	37219	4597	89		0.09043	6.031	4.2375	5.5	0.30112	3.4	0.6	3.32	3.4	0.10206	4.3	1750
65	KH344_S_36	187	110	71.9	0.587	69611	69611	1357		0.08759	4.339	4.2992	4.5	0.30136	3.3	0.7	3.32	3.3	0.10347	3.2	1697
66	KH344_S_39	122	55.9	45.1	0.460	43600	7724	100		0.08469	4.846	4.4137	4.7	0.30146	3.3	0.68	3.32	3.3	0.10619	3.4	1643
67	KH344_S_45	146	82.3	55.4	0.564	53312	2417	34		0.08478	4.772	4.3428	4.4	0.30161	3.1	0.68	3.32	3.1	0.10443	3.1	1645
68	KH344_S_93	143	92.3	55.6	0.648	56300	25430	485		0.08778	3.428	4.3933	4.7	0.30171	3.5	0.74	3.31	3.5	0.10561	3.1	1701
69	KH344_S_67	200	64.0	72.5	0.320	71104	8782	192		0.08879	5.493	4.3548	5.2	0.30173	4.2	0.8	3.31	4.2	0.10467	3.0	1719
70	KH344_S_99	237	79.4	86.8	0.334	88273	7829	115		0.08632	3.412	4.4402	3.9	0.30175	3.4	0.85	3.31	3.4	0.10672	1.9	1673
71	KH344_M_16	90.0	36.2	33.1	0.403	32059	807	16		0.09091	6.893	4.5164	4.6	0.30209	3.3	0.71	3.31	3.3	0.10843	3.1	1759
72	KH344_S_75	105	52.5	39.3	0.502	37165	37165	581		0.08615	6.474	4.4927	5.1	0.30216	3.4	0.64	3.31	3.4	0.10784	3.9	1670
73	KH344_S_55	74.5	39.7	28.2	0.532	27096	2351	21		0.08822	4.252	4.4583	4.3	0.30231	3.6	0.81	3.31	3.6	0.10696	2.4	1709
74	KH344_S_72	85.6	42.2	31.8	0.494	31050	9721	155		0.08327	9.598	4.2615	4.9	0.30235	3.5	0.7	3.31	3.5	0.10222	3.5	1617
75	KH344_S_42	109	43.3	39.6	0.399	39340	5938	130		0.08308	4.088	4.3543	4.4	0.30242	3.3	0.72	3.31	3.3	0.10442	3.0	1613
76	KH344_S_61	194	166	79.8	0.858	69394	5056	151		0.08808	7.144	4.4563	5.5	0.30253	4.4	0.8	3.31	4.4	0.10683	3.2	1706
77	KH344_S_102	170	91.3	65.3	0.536	65640	4058	71		0.09073	4.901	4.3349	4.6	0.30283	3.6	0.77	3.30	3.6	0.10382	2.9	1755
78	KH344_S_57	76.4	33.8	28.1	0.443	27564	1704	40		0.08185	8.053	4.3970	4.6	0.30286	3.1	0.66	3.30	3.1	0.10530	3.4	1590
79	KH344_S_44	202	69.9	73.8	0.346	76382	38954	702		0.08363	3.818	4.3880	4.1	0.30301	2.8	0.68	3.30	2.8	0.10503	2.9	1623
80	KH344_S_35	119	57.8	44.8	0.487	43264	5516	105		0.09015	4.883	4.4445	4.7	0.30318	3.2	0.66	3.30	3.2	0.10632	3.5	1745
81	KH344_S_38	131	63.7	49.1	0.485	45949	45949	512		0.08383	6.651	4.3152	5.5	0.30374	4.1	0.73	3.29	4.1	0.10304	3.7	1627
82	KH344_S_115	163	115	64.8	0.707	60385	60385	1623		0.08868	2.143	4.3275	3.9	0.30409	3.1	0.75	3.29	3.1	0.10322	2.5	1717
83	KH344_S_65	193	46.1	69.6	0.238	70839	1720	22		0.09194	6.628	4.5559	4.3	0.30429	3.0	0.68	3.29	3.0	0.10859	3.1	1778
84	KH344_S_31	125	47.7	46.2	0.382	45566	5020	99		0.09155	4.62	4.5218	3.7	0.30453	2.8	0.74	3.28	2.8	0.10769	2.3	1770
85	KH344_M_12	182	88.1	68.7	0.484	73028	2759	53		0.08288	4.652	4.3728	3.8	0.30456	3.5	0.9	3.28	3.5	0.10413	1.5	1609
86	KH344_S_136	190	91.2	72.8	0.480	71869	4443	130		0.09164	4.693	4.5216	4.4	0.30526	3.5	0.79	3.28	3.5	0.10743	2.6	1772
87	KH344_M_27	122	70.0	47.1	0.573	44896	2290	26		0.08516	4.86	4.5508	4.5	0.30538	2.5	0.52	3.27	2.5	0.10808	3.8	1652
88	KH344_S_66	121	69.1	46.6	0.571	44667	2398	16		0.08486	5.856	4.5148	4.2	0.30544	3.5	0.82	3.27	3.5	0.10720	2.3	1646
89	KH344_S_129	130	70.8	50.4	0.546	48186	15084	225		0.09356	4.66	4.5192	4.7	0.30557	3.6	0.75	3.27	3.6	0.10726	3.0	1808
90	KH344_M_5	116	87.8	46.2	0.758	46378	46378	2345		0.08373	3.426	4.3572	4.6	0.30563	3.0	0.64	3.27	3.0	0.10340	3.4	1625
91	KH344_S_111	137	72.2	52.5	0.527	51124	1682	53		0.08861	5.279	4.4186	5.6	0.30569	3.8	0.66	3.27	3.8	0.10483	4.2	1716
92	KH344_S_103	98.8	50.3	37.6	0.509	36903	2689	56		0.09024	5.206	4.4120	4.4	0.30577	3.0	0.66	3.27	3.0	0.10465	3.2	1746
93	KH344_S_133	187	103	72.6	0.552	70940	9045	188		0.08782	3.753	4.5710	3.6	0.30580	2.6	0.68	3.27	2.6	0.10841	2.5	1701
94	KH344_S_53	284	90.9	105	0.320	108805	4439	116		0.08475	3.968	4.4290	4.0	0.30605	3.6	0.89	3.27	3.6	0.10496	1.7	1644
95	KH344_S_132	120	53.0	45.3	0.443	45834	1461	23		0.09011	5.695	4.6509	4.3	0.30621	2.9	0.65	3.27	2.9	0.11016	3.2	1744
96	KH344_S_86	206	49.1	74.1	0.238	79082	6860	172		0.08284	7.368	4.2929	4.0	0.30642	3.4	0.82	3.26	3.4	0.10161	2.2	1609
97	KH344_S_121	264	61.4	96.1	0.233	99906	50952	1044		0.09260	5.038	4.4565	4.0	0.30643	2.8	0.68	3.26	2.8	0.10548	2.8	1790
98	KH344_S_113	107	53.9	41.0	0.505	40155	5851	114		0.09451	4.019	4.3901	4.2	0.30663	3.5	0.82	3.26	3.5	0.10384	2.3	1825

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U
99	KH344_S_91	135	79.9	52.8	0.590	53178	6780	160		0.08922	4.404	4.3502	5.0	0.30667	3.2	0.62	3.26	3.2	0.10288	3.8	1727
100	KH344_S_90	193	79.6	71.8	0.412	74593	7246	289		0.07693	9.802	4.3888	5.4	0.30670	4.6	0.84	3.26	4.6	0.10378	2.9	1498
101	KH344_S_139	178	120	71.7	0.675	66158	6273	82		0.09254	4.613	4.3947	5.2	0.30685	3.7	0.7	3.26	3.7	0.10387	3.6	1789
102	KH344_S_62	142	56.2	52.9	0.395	51147	1630	33		0.08716	3.043	4.3364	4.5	0.30687	3.0	0.65	3.26	3.0	0.10249	3.3	1689
103	KH344_S_114	197	115	77.9	0.581	73343	10687	243		0.09333	5.008	4.4770	4.4	0.30716	3.6	0.81	3.26	3.6	0.10571	2.5	1804
104	KH344_S_63	103	72.6	40.8	0.705	36965	898	15		0.08525	2.669	4.3123	7.3	0.30719	4.7	0.64	3.26	4.7	0.10181	5.5	1654
105	KH344_S_49	295	80.9	109	0.274	110513	2854	134		0.09063	4.429	4.5316	4.0	0.30721	3.8	0.94	3.26	3.8	0.10698	1.2	1754
106	KH344_S_77	110	66.4	43.0	0.604	40236	3909	92		0.09045	4.654	4.4122	5.2	0.30723	4.0	0.76	3.25	4.0	0.10416	3.3	1750
107	KH344_S_76	153	95.7	60.5	0.624	58627	58627	1521		0.08898	5.236	4.4230	4.9	0.30725	3.7	0.73	3.25	3.7	0.10441	3.2	1723
108	KH344_S_48	114	70.1	44.7	0.613	43436	1969	30		0.08689	4.517	4.4274	4.0	0.30738	3.2	0.77	3.25	3.2	0.10446	2.4	1684
109	KH344_S_108	242	39.4	86.5	0.163	98536	4020	72		0.08996	5.653	4.2919	3.9	0.30743	3.0	0.74	3.25	3.0	0.10125	2.5	1741
110	KH344_S_41	78.3	37.3	29.8	0.477	28560	6474	218		0.09179	6.096	4.4959	4.9	0.30752	4.0	0.81	3.25	4.0	0.10603	2.8	1775
111	KH344_S_138	133	84.6	53.2	0.634	51034	1826	34		0.09430	5.985	4.5047	4.0	0.30755	3.1	0.75	3.25	3.1	0.10623	2.6	1821
112	KH344_S_89	217	168	89.6	0.775	83876	5105	62		0.09248	5.265	4.3675	4.0	0.30760	3.5	0.86	3.25	3.5	0.10298	1.9	1788
113	KH344_M_28	107	56.0	41.2	0.522	39343	2866	20		0.08686	4.69	4.5088	4.4	0.30823	3.0	0.65	3.24	3.0	0.10609	3.3	1684
114	KH344_S_118	105	60.2	41.0	0.573	40408	1832	16		0.09116	5.115	4.3586	4.3	0.30839	2.5	0.56	3.24	2.5	0.10250	3.5	1763
115	KH344_S_109	185	102	73.1	0.549	72396	12824	388		0.09398	3.291	4.5155	5.1	0.30868	4.2	0.8	3.24	4.2	0.10610	2.9	1816
116	KH344_S_120	132	72.9	51.8	0.550	48938	1188	62		0.09156	7.305	4.5714	3.6	0.30881	3.1	0.84	3.24	3.1	0.10736	1.8	1771
117	KH344_S_137	110	79.8	44.9	0.724	43699	4814	84		0.09269	3.922	4.4490	5.7	0.30936	4.2	0.73	3.23	4.2	0.10430	3.8	1792
118	KH344_M_15	115	45.4	43.1	0.396	43593	664	6		0.08602	5.991	4.7164	4.8	0.30941	4.2	0.85	3.23	4.2	0.11055	2.5	1668
119	KH344_S_37	81.8	32.6	30.5	0.399	29851	1602	12		0.08552	5.494	4.4242	4.0	0.30948	3.5	0.86	3.23	3.5	0.10368	1.9	1659
120	KH344_S_88	104	60.9	41.0	0.584	40783	5037	103		0.09205	8.242	4.3687	4.4	0.30988	3.3	0.72	3.23	3.3	0.10225	3.0	1780
121	KH344_S_117	110	66.7	43.7	0.605	41580	2531	43		0.09228	5.438	4.4803	5.1	0.31011	3.9	0.76	3.22	3.9	0.10478	3.2	1784
122	KH344_S_140	104	68.7	41.9	0.661	39523	39523	1033		0.09365	4.29	4.5898	4.2	0.31054	2.9	0.68	3.22	2.9	0.10720	3.0	1809
123	KH344_S_98	70.4	40.8	27.7	0.579	27939	553	15		0.09320	6.184	4.5031	4.8	0.31055	3.1	0.62	3.22	3.1	0.10517	3.7	1801
124	KH344_S_123	190	35.1	68.7	0.185	73974	2039	113		0.09523	7.359	4.4814	4.2	0.31073	3.8	0.9	3.22	3.8	0.10460	1.7	1839
125	KH344_S_127	218	71.5	81.8	0.328	84076	3811	45		0.09083	2.857	4.4211	5.3	0.31075	4.5	0.84	3.22	4.5	0.10319	2.8	1757
126	KH344_M_25	158	59.4	60.8	0.377	58788	5845	82		0.10213	5.452	5.0393	3.4	0.31076	2.6	0.73	3.22	2.6	0.11761	2.2	1965
127	KH344_S_78	89.4	56.5	35.3	0.632	33345	2385	34		0.08562	4.747	4.4271	4.2	0.31120	3.2	0.74	3.21	3.2	0.10317	2.7	1660
128	KH344_S_124	95.9	37.5	36.1	0.391	36536	3240	87		0.08827	5.099	4.5075	4.8	0.31154	2.9	0.59	3.21	2.9	0.10493	3.8	1710
129	KH344_M_4	109	64.1	43.0	0.590	44659	959	14		0.08777	5.986	4.6009	5.2	0.31216	4.3	0.82	3.20	4.3	0.10690	2.8	1701
130	KH344_S_95	179	83.2	69.6	0.464	74329	1919	64		0.08987	3.676	4.5135	4.2	0.31223	3.0	0.7	3.20	3.0	0.10484	2.9	1739
131	KH344_S_92	135	65.3	52.5	0.483	54580	1136	14		0.09293	7.243	4.4589	5.0	0.31237	4.2	0.83	3.20	4.2	0.10353	2.7	1796
132	KH344_S_83	97.4	43.4	37.3	0.446	35831	8122	88		0.08853	6.579	4.5157	6.9	0.31295	4.3	0.61	3.20	4.3	0.10465	5.4	1715
133	KH344_S_101	114	42.7	43.4	0.373	46524	2672	56		0.09320	6.029	4.6005	4.9	0.31295	4.4	0.88	3.20	4.4	0.10662	2.3	1801
134	KH344_S_30	93.8	43.3	36.2	0.461	35346	1534	32		0.08889	3.971	4.6596	5.4	0.31331	4.4	0.81	3.19	4.4	0.10786	3.1	1721
135	KH344_S_32	84.6	33.0	31.8	0.390	31031	1217	47		0.08686	8.498	4.4792	4.8	0.31333	2.6	0.52	3.19	2.6	0.10368	4.0	1684
136	KH344_M_1	101	43.3	38.6	0.429	38204	6768	96		0.08861	5.051	4.6009	4.4	0.31417	3.1	0.68	3.18	3.1	0.10621	3.1	1716
137	KH344_M_26	112	59.4	43.9	0.530	41649	1545	43		0.08676	5.319	4.5057	4.7	0.31451	3.6	0.75	3.18	3.6	0.10390	3.0	1682
138	KH344_S_59	86.2	57.1	34.9	0.662	32845	7445	152		0.08915	6.621	4.4689	4.8	0.31644	3.6	0.74	3.16	3.6	0.10243	3.2	1726
139	KH344_S_60	84.0	45.1	32.7	0.537	31608	1954	36		0.08230	4.673	4.4382	6.1	0.31655	4.5	0.73	3.16	4.5	0.10169	4.1	1599
140	KH344_S_112	208	67.7	80.8	0.325	85166	4964	69		0.09795	5.132	5.0144	4.9	0.31727	3.7	0.73	3.15	3.7	0.11463	3.3	1889
141	KH344_M_19	146	44.6	55.7	0.305	54208	54208	2829		0.09006	6.753	4.9620	4.1	0.31767	1.8	0.4	3.15	1.8	0.11329	3.7	1743
142	KH344_S_134	131	43.8	50.0	0.335	51622	6582	321		0.09461	4.243	4.6246	4.7	0.31864	2.6	0.54	3.14	2.6	0.10526	3.9	1827
143	KH344_S_130	548	169	96.2	0.309	93393	4431	41		0.04140	11.87	2.2663	16.0	0.14490	15.8	0.99	6.90	15.8	0.11344	2.4	820
144	KH344_S_81	811	660	227	0.813	212696	15769	1525		0.05562	6.592	3.0488	7.7	0.20177	7.5	0.97	4.96	7.5	0.10959	1.7	4094
145	KH344_M_9	370	167	102	0.453	98119	4549	97		0.06878	10.68	3.2383	8.5	0.21859	8.4	0.98	4.57	8.4	0.10744	1.4	1344
146	KH344_S_33	245	111	72.5	0.453	69334	141476	1490		0.08000	5.581	3.3317	3.5	0.23518	2.2	0.59	4.25	2.2	0.10274	2.7	1555
147	KH344_S_47	211	143	65.5	0.680	63452	2023	50		0.05882	8.967	3.6885	2.6	0.24394	1.8	0.64	4.10	1.8	0.10966	1.9	1155

	V	W	X	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AI	AJ	AK	AL	AM	AN
1																			
2																			
3																			
4	Dates (Ma)																		
5	±2s	±2s-sys	<u>207Pb</u>	±2s	±2s-sys	<u>207Pb</u>	±2s	±2s-sys	<u>206Pb</u>	±2s	±2s-sys	disc.	±2s						
6	(Ma)	(Ma)	206Pb	(Ma)	(Ma)	235U	(Ma)	(Ma)	238U	(Ma)	(Ma)	(%)	(%)	P	Ti	Y	Nb	La	Ce
7																			
8	18.0	18.3	528	598	598	77.3	20.8	20.9	63.5	3.91	4.00	17.8	22.7	172	3.81	557	2.30		14.4
9	125	126	1508	70.8	72.2	1407	56.1	57.4	1341	76.9	78.7	4.7	6.7	542	6.34	1214	1.93	0.1	8.83
10	91.8	97.8	1719	40.1	42.4	1540	35.2	37.3	1413	49.1	52.1	8.3	3.8	715	47.3	3220	2.89	9.61	122
11	155	165	1779	39.9	42.2	1609	106	107	1482	172	173	7.9	12.3	1063	8.57	2436	1.73	9.61	136
12	71.7	85.7	1768	38.3	40.7	1615	36.5	38.6	1501	53.6	56.6	7.1	3.9	323	22.6	1862	2.54	4.23	74.6
13	46.4	61.6	1783	51.1	52.9	1625	29.9	32.4	1506	32.1	37.0	7.3	2.6	459	40.6	2469	2.37	6.22	74.2
14	77.3	90.6	1772	28.6	31.7	1635	36.0	38.1	1532	56.4	59.4	6.4	4.0	777	14.5	2079	1.75	0.870	14.2
15	88.3	98.3	1758	62.2	63.8	1640	42.1	43.9	1550	53.6	56.7	5.5	4.1	570	18.0	1523	1.32	0.564	14.0
16	66.4	78.9	1775	22.8	26.6	1674	26.3	29.3	1594	41.8	46.1	4.8	2.9	163	4.45	1699	2.74	0.124	14.2
17	46.4	66.3	1748	37.7	40.1	1663	44.8	46.6	1597	71.8	74.4	4.0	5.0	526	19.6	2323	1.60	2.53	37.1
18	78.1	87.2	1717	31.1	34.1	1650	22.2	25.6	1598	30.1	35.8	3.2	2.2	376	20.0	1103	1.90	0.856	16.6
19	76.8	90.0	1701	40.4	42.7	1647	31.7	34.2	1605	45.7	49.7	2.6	3.4	908	14.9	2507	1.88		8.62
20	50.9	66.2	1749	29.4	32.5	1672	25.6	28.7	1612	38.3	43.1	3.6	2.7	837	13.6	2747	2.66	1.96	28.5
21	78.7	91.5	1713	43.5	45.7	1663	32.3	34.7	1624	45.4	49.4	2.4	3.3	588	8.36	1435	1.68	0	7.93
22	79.6	91.2	1686	71.9	73.3	1652	41.4	43.3	1625	46.8	50.6	1.6	3.8	310	13.4	808	1.29		8.09
23	97.1	108	1716	29.2	32.3	1667	29.5	32.2	1629	46.6	50.6	2.3	3.3	841	8.51	2153	1.75	0.023	5.41
24	123	130	1771	53.1	54.8	1692	43.5	45.3	1629	63.5	66.4	3.7	4.5	218	7.44	812	1.51	0.523	15.7
25	68.7	83.4	1736	26.4	29.8	1677	35.3	37.6	1631	58.4	61.7	2.8	4.0	898	8.65	2463	2.00	0.270	10.7
26	109	119	1695	44.8	46.9	1661	37.0	39.1	1634	55.1	58.5	1.6	4.0	557	8.05	1483	1.78	0.192	7.53
27	91.2	102	1723	37.1	39.6	1674	32.0	34.4	1634	48.2	52.0	2.4	3.4	607	7.00	1638	1.88	0.0	6.79
28	50.1	68.7	1743	30.6	33.6	1684	26.8	29.7	1636	40.5	45.0	2.8	2.9	561	9.60	1492	1.43		10.3
29	32.1	54.6	1658	41.3	43.5	1648	32.4	34.8	1639	47.8	51.7	0.5	3.5	260	12.6	1824	3.10	0.683	86.6
30	39.6	59.6	1693	48.0	50.0	1665	30.9	33.4	1643	39.6	44.3	1.3	3.0	311	9.29	2097	1.77	0.257	24.1
31	56.6	73.3	1729	35.6	38.2	1682	28.5	31.2	1645	41.8	46.2	2.2	3.0	426	32.8	1536	1.58		11.9
32	54.6	70.9	1815	72.2	73.5	1723	37.8	39.9	1648	32.5	37.9	4.3	2.8	326	9.65	1363	1.16	1.94	25.0
33	83.2	95.7	1721	37.7	40.2	1686	25.5	28.5	1658	33.9	39.4	1.7	2.5	600	11.8	2289	1.70	0.115	19.4
34	99.9	109	1747	53.4	55.1	1698	52.2	53.7	1659	82.2	84.5	2.3	5.7	605	23.3	1644	2.01	1.06	20.3
35	70.6	84.1	1700	46.1	48.1	1682	34.2	36.5	1668	48.8	52.8	0.8	3.5	571	8.85	1799	1.71		12.2
36	64.5	79.5	1767	34.1	36.7	1712	29.2	31.9	1668	43.9	48.3	2.6	3.1	328	7.61	1256	1.73		13.1
37	49.4	69.4	1733	55.3	57.0	1697	39.9	41.9	1668	55.7	59.2	1.7	4.0	620	9.17	1667	1.60		9.36
38	90.5	102	1716	27.2	30.5	1690	30.0	32.6	1669	48.9	52.9	1.2	3.4	478	9.11	1385	1.66		14.5
39	76.2	89.6	1667	32.3	35.1	1669	33.4	35.7	1670	54.1	57.7	-0.1	3.8	454	49.4	1346	1.47	0.113	9.17
40	77.7	91.0	1742	45.6	47.7	1705	30.4	33.0	1674	40.1	44.8	1.8	2.9	533	18.8	1461	1.65	1.32	18.7
41	111	120	1755	81.2	82.3	1711	40.1	42.0	1676	28.6	34.8	2.0	2.8	276	17.3	632	0.970		7.39
42	69.0	84.3	1742	18.9	23.4	1706	24.5	27.7	1678	41.0	45.7	1.7	2.8	631	11.3	1767	2.01		14.9
43	107	118	1731	68.1	69.5	1701	34.7	37.0	1678	29.1	35.3	1.4	2.6	337	10.2	857	1.06		7.76
44	68.3	83.0	1716	78.7	79.9	1695	45.5	47.3	1678	51.6	55.2	1.0	4.0	376	17.9	997	1.36		11.1
45	61.9	77.1	1755	62.6	64.1	1713	37.8	39.9	1679	44.7	49.0	2.0	3.4	431	27.3	1191	1.70	0.08	11.3
46	74.2	89.4	1710	65.6	67.0	1695	45.0	46.7	1682	61.2	64.4	0.8	4.5	363	18.6	899	1.13		8.03
47	108	120	1705	44.5	46.6	1692	30.4	33.0	1682	41.3	46.0	0.6	3.0	511	7.08	1411	1.64		7.60
48	48.2	68.6	1703	39.0	41.4	1692	28.0	30.7	1683	39.3	44.1	0.5	2.8	697	12.5	1729	1.52		10.1
49	74.8	88.0	1699	49.0	50.9	1690	41.1	43.1	1683	62.6	65.8	0.4	4.4	360	12.6	1430	1.53	0.08	12.0

	V	W	X	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AI	AJ	AK	AL	AM	AN
50	127	135	1697	58.2	59.9	1690	41.5	43.4	1684	58.1	61.5	0.3	4.2	527	13.9	1372	1.17	0.599	12.7
51	91.2	103	1729	53.4	55.1	1704	34.9	37.1	1684	45.4	49.6	1.2	3.3	594	78.6	1518	1.86	0.485	12.6
52	76.2	89.9	1737	46.2	48.2	1708	33.5	35.8	1685	47.0	51.1	1.4	3.4	356	9.94	1554	1.32	0.108	14.1
53	76.6	90.0	1673	78.6	79.8	1680	42.5	44.4	1686	43.9	48.2	-0.4	3.6	366	14.6	1054	1.15		8.24
54	78.9	92.1	1757	67.4	68.8	1719	45.8	47.5	1687	61.1	64.3	1.8	4.4	306	18.6	1247	1.01		9.95
55	80.5	92.7	1699	67.9	69.3	1693	43.4	45.2	1688	56.1	59.5	0.3	4.2	218	17.8	620	1.51		10.7
56	99.8	111	1703	37.3	39.7	1696	40.7	42.6	1690	66.9	69.9	0.4	4.6	510	9.77	1282	1.19		6.11
57	87.6	99.5	1706	48.1	50.1	1698	31.6	34.1	1691	41.8	46.4	0.4	3.1	510	11.0	1753	1.52	0.302	11.8
58	90.0	101	1684	28.6	31.8	1688	27.4	30.2	1691	43.8	48.3	-0.2	3.1	547	8.06	1421	1.25	0.719	12.1
59	90.8	102	1717	46.0	48.0	1704	31.0	33.6	1693	41.7	46.3	0.6	3.0	933	12.4	2416	1.09		8.57
60	46.8	66.0	1733	43.2	45.4	1711	40.3	42.3	1693	63.6	66.7	1.1	4.4	628	12.7	1675	1.32	0.05	10.1
61	91.9	103	1693	31.5	34.5	1694	33.2	35.5	1695	54.3	57.9	0.0	3.8	462	18.0	1206	1.86		11.0
62	62.3	77.7	1802	70.7	72.0	1743	46.7	48.4	1695	60.2	63.5	2.8	4.3	386	18.9	1047	1.64		12.6
63	61.4	79.4	1654	48.9	50.9	1677	38.5	40.6	1696	57.9	61.3	-1.1	4.2	478	11.2	1254	1.44		7.92
64	101	112	1662	80.2	81.4	1681	45.2	47.0	1697	50.7	54.5	-0.9	4.1	392	14.1	1085	0.773		6.71
65	70.6	85.4	1687	58.3	60.0	1693	37.4	39.6	1698	48.7	52.8	-0.3	3.6	481	12.3	1453	1.29		13.4
66	76.5	89.5	1735	62.0	63.5	1715	39.2	41.2	1699	49.4	53.4	1.0	3.7	302	13.0	805	1.38		9.83
67	75.4	88.6	1704	57.0	58.7	1702	35.9	38.1	1699	45.7	50.0	0.1	3.4	406	16.5	1092	1.75		12.1
68	55.9	73.2	1725	56.2	57.9	1711	38.7	40.8	1700	52.9	56.6	0.7	3.8	462	16.3	1395	1.94	0.1	11.5
69	90.5	103	1709	55.6	57.2	1704	42.8	44.6	1700	62.9	66.1	0.2	4.5	503	12.7	1275	1.16		8.00
70	54.8	71.7	1744	35.4	38.0	1720	32.4	34.9	1700	50.8	54.8	1.2	3.5	766	11.8	2197	2.00		11.1
71	116	126	1773	56.7	58.4	1734	37.9	40.0	1702	49.9	53.8	1.9	3.6	399	10.7	912	0.635		5.75
72	104	114	1763	71.0	72.3	1730	42.7	44.6	1702	50.3	54.2	1.6	3.8	737	20.9	1827	0.673		8.44
73	69.7	84.8	1748	44.2	46.3	1723	35.6	37.8	1703	53.2	56.8	1.2	3.7	329	20.5	842	1.20		7.41
74	149	156	1665	63.8	65.3	1686	40.4	42.4	1703	52.4	56.1	-1.0	3.9	300	18.4	790	1.13		8.05
75	63.4	78.2	1704	54.7	56.5	1704	36.5	38.7	1703	49.0	53.0	0.0	3.6	296	14.7	825	1.08	0.07	8.36
76	117	126	1746	59.1	60.6	1723	45.5	47.3	1704	66.6	69.6	1.1	4.7	3497	26.1	2675	2.68	6.09	42.0
77	82.4	95.5	1693	53.1	54.9	1700	38.3	40.3	1705	54.5	58.1	-0.3	3.9	741	16.8	2133	1.27		9.47
78	123	131	1720	62.8	64.3	1712	38.4	40.4	1705	47.0	51.1	0.4	3.5	275	14.5	661	1.10	0.09	8.99
79	59.6	75.3	1715	53.3	55.0	1710	33.6	36.0	1706	42.7	47.3	0.2	3.2	446	6.08	1289	1.23		7.58
80	81.6	95.4	1737	63.7	65.2	1721	39.3	41.4	1707	48.5	52.5	0.8	3.6	347	24.1	962	1.55	0.338	12.0
81	104	114	1680	68.0	69.4	1696	45.5	47.3	1710	61.9	65.1	-0.8	4.5	407	15.4	1105	1.23		8.85
82	35.3	58.5	1683	45.8	47.9	1699	32.5	34.9	1712	45.9	50.2	-0.8	3.3	413	18.6	1775	1.01		12.3
83	113	123	1776	56.5	58.1	1741	36.0	38.3	1713	45.5	49.8	1.6	3.3	593	8.89	1387	1.26	0.150	10.0
84	78.3	92.9	1761	42.8	45.0	1735	30.5	33.1	1714	42.4	47.0	1.2	3.0	529	15.3	1272	0.938		6.38
85	72.0	85.0	1699	28.0	31.3	1707	31.8	34.3	1714	53.2	56.9	-0.4	3.6	376	12.5	1126	1.81		12.7
86	79.6	92.4	1756	47.0	49.0	1735	36.3	38.5	1717	53.3	57.0	1.0	3.7	599	9.78	1597	1.61		11.0
87	77.1	90.1	1767	68.7	70.1	1740	37.5	39.6	1718	37.4	42.5	1.3	3.0	360	15.8	1082	1.51		9.33
88	92.6	104	1752	41.6	43.8	1734	34.5	36.8	1718	52.5	56.3	0.9	3.6	436	19.1	1042	1.52		12.1
89	80.6	93.9	1753	55.4	57.1	1735	39.2	41.2	1719	54.6	58.2	0.9	3.9	414	16.1	1152	1.53		11.5
90	53.5	70.2	1686	63.7	65.2	1704	37.8	39.9	1719	45.5	49.8	-0.9	3.5	345	15.4	1292	1.07		15.6
91	86.9	98.7	1711	77.0	78.2	1716	46.6	48.3	1719	56.8	60.3	-0.2	4.3	466	10.6	1271	0.890		8.31
92	87.1	99.4	1708	59.3	60.9	1715	36.4	38.6	1720	45.2	49.5	-0.3	3.4	379	15.4	971	1.59		10.1
93	61.2	76.2	1773	45.6	47.7	1744	29.8	32.5	1720	38.7	43.7	1.4	2.8	695	15.2	1934	1.62	0.1	13.5
94	62.7	78.1	1714	31.0	34.0	1718	32.9	35.4	1721	54.4	58.2	-0.2	3.7	688	12.8	1908	1.17		9.31
95	95.2	106	1802	58.3	59.9	1758	36.2	38.4	1722	44.1	48.5	2.1	3.2	243	10.7	817	1.04		9.27
96	114	122	1654	39.9	42.3	1692	33.2	35.6	1723	51.5	55.5	-1.8	3.6	951	12.3	2505	1.07	0.123	6.19
97	86.3	98.9	1723	51.4	53.2	1723	32.9	35.3	1723	42.5	47.3	0.0	3.1	729	8.65	1952	1.45	0.133	6.17
98	70.1	85.8	1694	41.6	43.8	1710	34.4	36.6	1724	52.8	56.6	-0.8	3.7	416	15.5	1025	1.43		9.38

	V	W	X	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AI	AJ	AK	AL	AM	AN
99	72.9	87.3	1677	70.9	72.3	1703	41.3	43.2	1724	48.5	52.6	-1.3	3.8	446	20.6	1218	1.67		11.3
100	142	148	1693	53.0	54.8	1710	44.9	46.7	1724	69.6	72.6	-0.8	4.9	324	14.1	1013	1.45	1.96	27.0
101	79.0	92.0	1694	66.8	68.2	1711	42.9	44.8	1725	56.2	59.8	-0.8	4.1	579	20.3	1525	2.02		14.7
102	49.3	68.6	1670	61.6	63.2	1700	37.0	39.1	1725	45.4	49.8	-1.5	3.5	459	10.1	1311	0.770		8.18
103	86.4	99.3	1727	45.0	47.1	1727	36.3	38.5	1727	54.9	58.6	0.0	3.8	554	16.2	1686	1.85	0.03	13.8
104	42.4	63.1	1657	102	103	1696	60.0	61.3	1727	71.8	74.6	-1.8	5.6	385	24.6	1388	1.39	0.0	10.1
105	74.4	89.4	1749	21.2	25.3	1737	33.1	35.6	1727	57.7	61.4	0.6	3.8	760	11.5	1939	1.30	0.954	13.8
106	78.0	92.2	1699	60.1	61.7	1715	42.7	44.6	1727	60.6	63.9	-0.7	4.3	524	22.4	1297	1.20		8.95
107	86.5	99.1	1704	59.2	60.8	1717	40.3	42.3	1727	55.3	59.0	-0.6	4.0	601	13.1	1803	1.29	0.1	12.4
108	73.0	87.2	1705	44.9	47.0	1717	33.3	35.7	1728	48.4	52.5	-0.6	3.4	358	18.8	979	1.49		10.6
109	94.3	106	1647	46.2	48.3	1692	32.0	34.4	1728	45.1	49.6	-2.1	3.3	348	5.34	916	1.65		5.15
110	104	115	1732	51.1	52.9	1730	40.5	42.5	1729	60.7	64.1	0.1	4.2	272	17.8	706	1.30		6.76
111	104	115	1736	47.0	48.9	1732	33.6	36.0	1729	47.5	51.6	0.2	3.4	461	21.0	1223	1.54	0.06	12.0
112	90.1	103	1678	35.2	37.8	1706	33.0	35.4	1729	53.2	57.0	-1.3	3.7	598	16.4	2406	1.52	0.0	14.0
113	75.8	89.5	1733	60.1	61.6	1733	36.8	39.0	1732	45.4	49.8	0.0	3.4	384	12.2	955	1.16	0	11.2
114	86.4	98.7	1670	64.2	65.7	1705	35.3	37.5	1733	37.9	43.0	-1.7	3.1	397	18.6	1015	1.34	0.01	9.32
115	57.2	75.7	1733	53.9	55.7	1734	42.5	44.4	1734	63.5	66.8	0.0	4.4	562	12.9	1451	1.66	0.019	13.6
116	124	133	1755	33.5	36.2	1744	30.3	32.9	1735	47.8	51.9	0.5	3.2	299	10.3	957	0.937		9.03
117	67.2	82.3	1702	69.8	71.2	1722	46.9	48.6	1738	64.0	67.1	-0.9	4.6	390	18.9	1424	0.988		11.0
118	95.9	107	1809	44.8	46.8	1770	40.6	42.6	1738	63.6	66.8	1.8	4.2	414	11.5	988	1.19		7.59
119	87.5	99.3	1691	34.8	37.5	1717	33.1	35.4	1738	53.6	57.3	-1.2	3.7	313	14.7	693	0.809		6.61
120	140	149	1665	55.2	56.9	1706	36.7	38.9	1740	50.2	54.2	-2.0	3.7	342	15.8	1055	1.19		8.47
121	92.9	105	1711	59.6	61.1	1727	42.1	44.0	1741	59.5	63.0	-0.8	4.2	631	22.3	1514	1.32		9.86
122	74.2	88.2	1752	54.4	56.1	1747	34.8	37.1	1743	44.8	49.2	0.2	3.2	359	11.7	1127	1.27		8.67
123	107	118	1717	68.6	69.9	1732	40.2	42.2	1743	47.1	51.3	-0.7	3.6	352	24.1	748	0.929	0.013	8.89
124	129	138	1707	31.1	34.0	1728	34.5	36.9	1744	58.1	61.7	-1.0	3.9	403	7.69	1073	0.778		7.34
125	48.1	67.2	1682	51.8	53.7	1716	44.1	46.0	1744	69.3	72.3	-1.6	4.8	560	8.62	1476	1.50		9.77
126	102	116	1920	39.4	41.6	1826	28.9	31.7	1744	39.9	45.0	4.5	2.7	614	11.1	1647	1.16		7.50
127	75.7	88.9	1682	50.4	52.3	1717	35.0	37.2	1747	49.2	53.3	-1.7	3.5	463	21.4	1222	1.06		8.50
128	83.6	95.4	1713	70.4	71.7	1732	40.1	42.0	1748	44.9	49.3	-0.9	3.5	399	13.3	954	0.776		6.60
129	97.6	109	1747	52.1	53.9	1749	43.0	44.9	1751	66.0	69.1	-0.1	4.5	427	17.0	1196	1.18		9.72
130	61.3	78.0	1712	53.0	54.8	1733	34.7	37.0	1752	46.4	50.9	-1.0	3.4	562	11.4	1589	1.12	0.0	10.0
131	124	134	1688	50.4	52.2	1723	41.9	43.8	1752	65.1	68.3	-1.7	4.5	491	17.5	1299	1.24	0.02	9.89
132	108	118	1708	99.1	100	1734	57.2	58.6	1755	65.8	68.9	-1.2	5.1	359	9.45	812	1.31	0.02	8.41
133	104	115	1742	41.5	43.7	1749	41.2	43.2	1755	67.4	70.5	-0.3	4.5	313	10.5	728	0.903		8.54
134	65.5	81.6	1764	56.3	58.0	1760	45.2	47.0	1757	68.4	71.5	0.2	4.7	393	15.5	922	1.02		7.26
135	137	145	1691	74.3	75.6	1727	39.8	41.8	1757	40.0	45.0	-1.7	3.3	379	16.1	870	0.663		6.17
136	83.1	95.9	1735	57.7	59.4	1749	36.9	39.1	1761	47.9	52.2	-0.7	3.5	402	13.3	975	0.778	0.01	7.16
137	85.8	98.1	1695	56.2	57.9	1732	39.1	41.2	1763	55.4	59.1	-1.8	3.9	388	19.1	959	1.63		9.37
138	110	120	1669	59.0	60.6	1725	40.1	42.1	1772	56.3	60.0	-2.7	4.0	382	18.3	1156	1.05		9.21
139	71.8	84.9	1655	75.5	76.7	1719	50.6	52.1	1773	70.4	73.4	-3.1	5.1	324	17.9	860	1.02		8.14
140	92.5	106	1874	58.7	60.2	1822	41.6	43.6	1776	57.1	60.9	2.5	3.8	156	5.72	649	2.04	0.229	19.7
141	113	123	1853	67.4	68.8	1813	35.0	37.4	1778	28.0	35.0	1.9	2.4	489	11.2	1294	0.928	0.02	4.63
142	74.1	88.6	1719	70.8	72.2	1754	39.0	41.0	1783	41.1	46.1	-1.7	3.3	259	10.4	654	1.09		7.90
143	95.4	98.0	1855	43.7	45.7	1202	113	113	872	129	130	27.4	12.7	785	76.6	4142	4.53	20.4	170
144	70.2	76.8	1793	31.6	34.4	1420	59.0	60.2	1185	81.4	82.8	16.6	6.7	1095	58.7	6284	3.08	32.2	275
145	139	144	1757	26.5	29.9	1466	66.2	67.3	1274	97.2	98.5	13.1	7.7	750	58.9	3239	4.58	15.3	150
146	83.6	94.5	1674	50.2	52.1	1489	27.2	29.8	1362	26.8	31.6	8.5	2.5	684	21.4	2136	1.79	1.27	39.5
147	101	106	1794	34.1	36.7	1569	20.9	24.3	1407	23.1	28.7	10.3	1.9	733	31.3	2219	3.09	3.55	51.8

	AO	AP	AQ	AR	AS	AT	AU	AV	AW	AX	AY	AZ	BA	BB	BC	BD	BE	BF
1																		
2																		
3	Concentrations (ppm)																	
4																		
5	Pr	Nd	Sm	Eu	Gd	Tb	Dy	Ho	Er	Tm	Yb	Lu	Hf	Ta	Th	U	Experiment	
6																		
7																		
8	0.0	0.714	1.31	0.824	9.29	3.30	40.7	17.9	86.9	21.9	238	53.3	11634	1.05	59.8	132	Zircon_05Apr22_CGS_KH344	
9	0.034	0.700	2.44	0.828	16.5	6.74	94.3	39.5	211	55.3	578	118	11775	1.59	32.1	359	Zircon_05Apr22_CGS_KH344	
10	17.8	112	84.7	29.8	168	47.9	442	132	507	101	878	155	12383	1.18	225	369	Zircon_05Apr22_CGS_KH344	
11	18.0	117	65.2	16.8	120	30.5	257	88.0	434	108	1100	225	13573	1.35	45.0	498	Zircon_05Apr22_CGS_KH344	
12	6.00	42.3	33.9	10.8	83.2	22.9	215	62.8	227	42.4	365	66.2	10602	1.25	89.7	237	Zircon_05Apr22_CGS_KH344	
13	10.5	68.2	48.9	16.2	113	33.3	302	90.8	352	72.1	620	107	11673	0.969	174	277	Zircon_05Apr22_CGS_KH344	
14	1.55	10.1	12.3	3.21	46.3	16.3	189	73.8	330	72.7	666	124	12834	1.07	48.8	214	Zircon_05Apr22_CGS_KH344	
15	0.609	6.64	5.95	2.47	37.9	12.9	154	57.3	247	51.8	461	89.2	11993	0.885	54.7	134	Zircon_05Apr22_CGS_KH344	
16	0.449	6.93	11.9	0.841	50.7	15.5	166	56.7	239	49.1	439	84.5	9555	0.879	152	402	Zircon_05Apr22_CGS_KH344	
17	4.76	35.3	20.8	11.1	69.1	20.8	233	82.6	338	67.8	590	108	11537	0.974	165	232	Zircon_05Apr22_CGS_KH344	
18	1.33	17.0	10.7	7.63	29.3	7.74	94.4	37.5	176	40.7	375	75.5	12956	1.40	67.1	271	Zircon_05Apr22_CGS_KH344	
19	0.10	2.06	6.01	0.964	45.0	16.7	214	88.6	399	87.1	773	148	12649	1.31	99.3	270	Zircon_05Apr22_CGS_KH344	
20	3.81	24.2	21.1	5.07	60.6	23.1	262	96.2	430	95.1	863	165	12781	1.54	116	410	Zircon_05Apr22_CGS_KH344	
21	0.103	0.867	3.25	0.373	21.7	9.14	122	49.9	237	54.7	519	102	13092	1.12	54.6	226	Zircon_05Apr22_CGS_KH344	
22	0.029	0.807	2.07	0.255	14.0	6.04	71.5	27.1	129	29.8	269	51.2	13157	0.711	44.1	107	Zircon_05Apr22_CGS_KH344	
23	0.048	1.28	3.27	0.301	28.1	12.2	178	77.7	378	84.7	832	162	14145	1.17	57.6	313	Zircon_05Apr22_CGS_KH344	
24	1.02	12.0	11.9	4.48	37.6	8.33	82.9	28.0	122	29.1	292	59.4	11044	0.741	58.0	178	Zircon_05Apr22_CGS_KH344	
25	0.303	3.18	6.22	1.07	39.9	16.6	217	86.5	409	88.1	820	156	13083	1.39	113	394	Zircon_05Apr22_CGS_KH344	
26	0.353	2.66	4.04	1.24	21.7	8.96	124	52.6	256	61.8	588	117	13401	1.17	53.8	290	Zircon_05Apr22_CGS_KH344	
27	0.1	0.946	2.73	0.382	21.2	9.78	132	55.4	265	62.1	567	111	13424	1.47	67.9	290	Zircon_05Apr22_CGS_KH344	
28	0.0	1.56	4.45	0.583	25.7	10.5	142	55.1	252	55.2	493	95.2	12373	0.847	87.9	232	Zircon_05Apr22_CGS_KH344	
29	0.960	13.9	17.1	4.22	59.8	17.5	182	63.6	265	53.9	473	87.1	10182	1.38	330	263	Zircon_05Apr22_CGS_KH344	
30	0.524	6.95	12.8	2.65	59.8	19.7	214	75.5	314	59.0	511	88.4	11377	0.953	186	250	Zircon_05Apr22_CGS_KH344	
31	0.115	1.25	5.21	0.618	33.1	10.9	138	53.6	242	48.8	443	84.0	11741	0.915	104	195	Zircon_05Apr22_CGS_KH344	
32	3.48	22.6	18.7	5.15	59.1	15.3	155	50.7	198	40.6	345	65.0	10780	0.607	73.8	101	Zircon_05Apr22_CGS_KH344	
33	0.300	4.28	8.21	1.08	47.4	17.5	221	84.7	364	77.1	676	121	12115	0.868	171	313	Zircon_05Apr22_CGS_KH344	
34	1.17	11.0	9.51	3.69	44.0	13.7	161	59.3	254	52.8	478	88.5	12541	0.697	83.1	161	Zircon_05Apr22_CGS_KH344	
35	0.07	1.32	3.71	0.543	30.1	12.0	160	64.4	292	62.0	564	107	12644	0.818	114	267	Zircon_05Apr22_CGS_KH344	
36	0.066	0.751	2.85	0.455	21.2	9.21	115	46.1	202	43.7	388	75.1	12660	0.912	98.1	234	Zircon_05Apr22_CGS_KH344	
37	0.04	1.17	3.37	0.458	26.8	9.58	144	59.5	272	62.7	576	108	13793	1.15	70.0	231	Zircon_05Apr22_CGS_KH344	
38	0.061	1.36	2.53	0.213	22.8	9.10	117	46.3	213	48.2	433	82.6	12428	1.21	110	279	Zircon_05Apr22_CGS_KH344	
39	0.171	1.87	5.01	0.608	21.6	8.54	112	46.0	220	47.6	436	84.1	12799	0.980	70.3	232	Zircon_05Apr22_CGS_KH344	
40	1.82	14.0	10.9	6.21	39.8	11.4	141	53.0	228	50.1	480	89.5	12838	0.817	55.1	172	Zircon_05Apr22_CGS_KH344	
41	0.022	0.781	1.51	0.274	12.9	4.23	51.8	21.0	98.7	21.0	194	38.1	11094	0.471	33.1	72.9	Zircon_05Apr22_CGS_KH344	
42	0.079	2.52	5.55	0.593	37.0	13.4	169	61.6	269	57.7	523	98.5	11793	1.08	130	242	Zircon_05Apr22_CGS_KH344	
43	0	0.444	1.89	0.221	12.9	5.05	72.8	29.6	138	31.0	290	55.2	12801	0.875	45.7	137	Zircon_05Apr22_CGS_KH344	
44	0.08	1.60	3.49	0.826	23.4	7.68	89.0	34.9	152	31.7	286	55.0	11731	0.699	62.9	108	Zircon_05Apr22_CGS_KH344	
45	0.111	2.09	3.76	0.629	23.1	8.23	106	41.9	194	40.9	379	73.2	13543	0.711	67.2	156	Zircon_05Apr22_CGS_KH344	
46	0	1.26	2.59	0.592	19.1	7.18	85.6	31.5	144	29.9	281	53.2	10807	0.576	44.3	84.5	Zircon_05Apr22_CGS_KH344	
47	0.088	1.22	3.77	0.244	21.7	8.15	117	46.2	220	46.3	464	88.2	13570	0.815	65.1	288	Zircon_05Apr22_CGS_KH344	
48	0.114	1.45	4.76	0.352	31.1	12.9	160	60.9	277	61.8	578	108	12680	1.06	84.3	186	Zircon_05Apr22_CGS_KH344	
49	0.120	2.27	4.95	0.515	29.4	10.3	127	49.0	220	45.4	420	78.0	11545	0.816	95.2	215	Zircon_05Apr22_CGS_KH344	

	AO	AP	AQ	AR	AS	AT	AU	AV	AW	AX	AY	AZ	BA	BB	BC	BD	BE	BF
50	0.918	5.77	7.92	1.37	30.5	10.9	126	49.3	217	46.5	424	79.2	12312	0.661	79.5	156	Zircon_05Apr22_CGS_KH344	
51	0.558	4.23	6.03	0.792	29.4	10.2	137	52.2	243	51.8	480	90.4	12017	0.826	96.0	194	Zircon_05Apr22_CGS_KH344	
52	0.194	3.27	6.51	1.33	37.4	13.1	147	54.3	234	47.6	434	78.3	11439	0.606	106	157	Zircon_05Apr22_CGS_KH344	
53	0.052	1.08	3.20	0.913	21.4	7.59	93.5	35.3	157	33.4	298	57.5	11005	0.614	57.8	101	Zircon_05Apr22_CGS_KH344	
54	0.1	2.08	4.30	1.18	28.6	9.81	116	44.2	195	39.4	351	67.6	11554	0.652	65.6	105	Zircon_05Apr22_CGS_KH344	
55	0.024	0.849	1.59	0.331	12.1	4.41	55.0	21.4	96.0	20.9	191	37.3	11097	0.842	39.8	97.2	Zircon_05Apr22_CGS_KH344	
56	0.04	1.01	3.26	0.270	22.4	8.14	111	44.7	211	46.0	418	81.8	12699	0.956	46.1	146	Zircon_05Apr22_CGS_KH344	
57	0.579	6.25	9.16	1.15	41.8	13.9	164	63.7	272	56.5	508	95.3	11354	0.857	101	188	Zircon_05Apr22_CGS_KH344	
58	0.617	6.61	6.45	1.75	27.1	9.69	121	48.2	228	51.7	479	93.7	12712	0.964	43.6	271	Zircon_05Apr22_CGS_KH344	
59	0.128	2.28	7.43	0.798	46.2	17.4	223	86.1	389	82.6	738	139	12528	0.723	85.8	169	Zircon_05Apr22_CGS_KH344	
60	0.141	2.55	4.97	0.533	32.6	12.3	152	58.9	273	57.7	517	97.6	12165	0.948	87.1	176	Zircon_05Apr22_CGS_KH344	
61	0.081	2.17	4.21	0.715	25.4	8.81	110	42.3	179	38.3	340	65.7	11364	0.961	72.3	127	Zircon_05Apr22_CGS_KH344	
62	0.117	2.10	3.73	0.840	25.1	8.34	100	38.2	165	34.4	318	62.1	11435	0.689	68.7	120	Zircon_05Apr22_CGS_KH344	
63	0.041	1.12	2.97	0.248	21.3	7.69	107	41.4	192	43.8	413	79.7	13778	0.804	52.9	202	Zircon_05Apr22_CGS_KH344	
64	0.045	1.14	3.26	0.431	20.8	7.53	95.5	38.4	173	35.9	339	66.4	12703	0.557	44.1	98.7	Zircon_05Apr22_CGS_KH344	
65	0.09	1.89	5.52	0.662	32.6	11.5	143	54.8	239	48.6	421	82.9	11798	0.974	110	187	Zircon_05Apr22_CGS_KH344	
66	0.037	0.499	2.37	0.281	17.0	5.26	70.7	29.0	126	28.0	264	48.6	12438	0.675	55.9	122	Zircon_05Apr22_CGS_KH344	
67	0.06	1.78	4.06	0.587	23.5	8.21	101	39.1	174	36.4	332	61.9	11567	0.935	82.3	146	Zircon_05Apr22_CGS_KH344	
68	0.204	3.13	5.19	0.959	29.3	11.6	133	49.4	210	44.2	392	74.1	11184	0.765	92.3	143	Zircon_05Apr22_CGS_KH344	
69	0.048	1.14	2.88	0.490	23.5	8.87	116	43.4	201	45.0	432	82.9	12101	0.601	64.0	200	Zircon_05Apr22_CGS_KH344	
70	0.036	0.790	4.68	0.760	36.8	13.7	185	73.7	348	77.8	706	134	12480	1.26	79.4	237	Zircon_05Apr22_CGS_KH344	
71	0.070	0.793	1.96	0.235	14.6	6.61	79.6	32.1	147	31.7	296	58.4	12391	0.367	36.2	90.0	Zircon_05Apr22_CGS_KH344	
72	0.079	1.74	5.18	0.988	33.3	12.4	161	63.2	276	61.5	557	107	12926	0.490	52.5	105	Zircon_05Apr22_CGS_KH344	
73	0.05	1.06	2.60	0.526	17.4	6.25	79.4	29.7	131	28.0	258	50.1	11076	0.563	39.7	74.5	Zircon_05Apr22_CGS_KH344	
74	0.058	1.27	2.44	0.464	15.6	5.40	69.4	27.6	124	26.6	244	45.2	11535	0.633	42.2	85.6	Zircon_05Apr22_CGS_KH344	
75	0.189	1.81	3.46	0.566	16.5	5.72	73.6	27.9	131	27.5	268	50.6	11625	0.635	43.3	109	Zircon_05Apr22_CGS_KH344	
76	6.52	49.6	26.0	2.53	87.6	24.4	276	92.5	389	76.3	664	119	10537	0.968	166	194	Zircon_05Apr22_CGS_KH344	
77	0.112	2.53	5.15	1.05	42.7	15.7	195	77.7	329	68.6	632	116	12666	0.724	91.3	170	Zircon_05Apr22_CGS_KH344	
78	0.333	2.77	3.41	0.977	15.0	5.06	57.8	22.7	105	22.0	205	38.3	12381	0.523	33.8	76.4	Zircon_05Apr22_CGS_KH344	
79	0.03	1.00	2.80	0.301	19.2	8.40	109	41.8	203	43.9	411	79.6	13034	0.783	69.9	202	Zircon_05Apr22_CGS_KH344	
80	0.117	1.71	3.00	0.595	18.8	7.00	87.4	33.9	148	32.3	287	56.8	11394	0.768	57.8	119	Zircon_05Apr22_CGS_KH344	
81	0.050	1.12	2.26	0.318	21.5	7.34	99.1	38.8	174	37.9	338	63.6	12059	0.694	63.7	131	Zircon_05Apr22_CGS_KH344	
82	0.224	3.62	7.29	1.09	47.3	14.9	174	65.7	275	54.4	472	87.5	11947	0.707	115	163	Zircon_05Apr22_CGS_KH344	
83	0.397	5.40	6.83	1.11	25.0	8.89	115	44.4	212	51.2	500	100	13181	0.832	46.1	193	Zircon_05Apr22_CGS_KH344	
84	0	1.03	3.31	0.294	22.7	9.24	110	45.3	208	43.7	417	78.0	12980	0.649	47.7	125	Zircon_05Apr22_CGS_KH344	
85	0.07	1.08	2.81	0.466	19.6	7.35	99.8	38.7	173	37.2	350	65.0	12453	1.00	88.1	182	Zircon_05Apr22_CGS_KH344	
86	0.110	1.76	3.93	0.403	28.4	10.7	138	54.0	256	55.6	499	94.0	13108	0.911	91.2	190	Zircon_05Apr22_CGS_KH344	
87	0.038	1.21	4.84	0.595	25.6	9.08	103	38.8	172	34.4	329	62.8	11445	0.742	70.0	122	Zircon_05Apr22_CGS_KH344	
88	0.106	1.96	3.75	0.710	21.0	7.98	98.0	36.5	165	35.3	315	58.7	11339	0.717	69.1	121	Zircon_05Apr22_CGS_KH344	
89	0.051	1.41	3.81	0.606	22.4	7.84	101	37.7	161	36.0	322	62.1	12215	0.788	70.8	130	Zircon_05Apr22_CGS_KH344	
90	0.096	2.11	4.62	0.978	30.0	10.6	121	46.3	200	40.0	357	65.7	11084	0.641	87.8	116	Zircon_05Apr22_CGS_KH344	
91	0.062	1.18	4.07	0.412	24.0	8.93	111	44.8	191	42.5	383	75.6	12228	0.673	72.2	137	Zircon_05Apr22_CGS_KH344	
92	0.046	1.37	2.23	0.612	18.7	6.88	85.9	33.6	148	31.0	291	57.6	11408	0.864	50.3	98.8	Zircon_05Apr22_CGS_KH344	
93	0.359	4.21	7.13	2.46	42.5	13.8	184	67.9	297	64.1	570	111	12527	0.917	103	187	Zircon_05Apr22_CGS_KH344	
94	0.091	2.30	5.66	0.475	34.0	13.4	173	69.4	324	69.2	627	120	12290	1.16	90.9	284	Zircon_05Apr22_CGS_KH344	
95	0.09	0.904	1.94	0.458	12.7	5.43	68.1	28.8	129	28.5	273	52.2	12429	0.671	53.0	120	Zircon_05Apr22_CGS_KH344	
96	0.223	2.53	6.73	1.20	39.4	15.3	215	86.2	401	91.8	840	162	12942	0.853	49.1	206	Zircon_05Apr22_CGS_KH344	
97	0.209	2.23	4.85	0.758	30.6	12.3	173	69.2	326	71.1	653	130	13443	0.967	61.4	264	Zircon_05Apr22_CGS_KH344	
98	0.078	0.964	2.53	0.468	21.8	7.36	92.7	35.4	169	35.0	311	62.1	11536	0.705	53.9	107	Zircon_05Apr22_CGS_KH344	

	AO	AP	AQ	AR	AS	AT	AU	AV	AW	AX	AY	AZ	BA	BB	BC	BD	BE	BF
99	0.102	1.90	4.78	0.997	27.0	9.40	114	43.2	186	38.8	329	63.5	11292	0.815	79.9	135	Zircon_05Apr22_CGS_KH344	
100	3.30	20.2	14.9	4.79	35.5	11.0	109	37.1	157	33.9	326	58.8	12774	0.781	79.6	193	Zircon_05Apr22_CGS_KH344	
101	0.184	3.95	6.10	1.09	39.4	13.4	146	55.8	242	48.6	441	82.4	10993	0.848	120	178	Zircon_05Apr22_CGS_KH344	
102	0.10	1.36	2.88	0.373	22.2	8.53	108	43.7	200	44.4	415	79.2	12683	0.615	56.2	142	Zircon_05Apr22_CGS_KH344	
103	0.230	3.21	5.74	0.802	38.3	12.7	150	57.3	256	52.2	473	89.6	11262	1.02	115	197	Zircon_05Apr22_CGS_KH344	
104	0.193	4.00	7.98	1.53	35.5	11.7	135	47.9	200	42.7	366	68.1	11199	0.697	72.6	103	Zircon_05Apr22_CGS_KH344	
105	1.49	8.32	9.68	2.14	39.1	13.5	172	66.4	315	71.7	658	126	12395	1.11	80.9	295	Zircon_05Apr22_CGS_KH344	
106	0.114	2.19	4.80	0.787	32.5	10.3	127	45.0	201	42.2	374	72.1	11084	0.724	66.4	110	Zircon_05Apr22_CGS_KH344	
107	0.191	3.97	7.19	1.23	42.5	13.8	166	60.6	270	55.7	497	91.6	11341	0.847	95.7	153	Zircon_05Apr22_CGS_KH344	
108	0.09	1.56	3.66	0.711	24.0	7.57	89.3	35.9	155	32.4	280	54.7	10973	0.608	70.1	114	Zircon_05Apr22_CGS_KH344	
109	0.01	0.379	1.28	0.107	12.7	5.03	73.6	30.9	150	35.6	357	72.1	14230	1.21	39.4	242	Zircon_05Apr22_CGS_KH344	
110	0.046	0.703	2.45	0.554	13.9	5.27	63.0	24.6	109	23.7	223	43.5	11327	0.470	37.3	78.3	Zircon_05Apr22_CGS_KH344	
111	0.216	2.92	5.39	1.06	30.8	9.60	120	43.4	190	39.8	357	65.2	11417	0.766	84.6	133	Zircon_05Apr22_CGS_KH344	
112	0.311	4.57	9.87	1.55	61.7	19.3	226	87.3	356	71.9	624	114	11680	0.964	168	217	Zircon_05Apr22_CGS_KH344	
113	0.118	1.71	2.98	0.352	20.2	6.98	84.1	32.3	145	31.8	285	55.0	11527	0.527	56.0	107	Zircon_05Apr22_CGS_KH344	
114	0.075	1.26	3.13	0.797	22.6	7.49	94.1	35.2	162	33.4	290	56.3	11667	0.641	60.2	105	Zircon_05Apr22_CGS_KH344	
115	0.077	1.98	4.93	0.619	31.2	11.0	136	51.5	221	48.5	439	82.3	12280	0.948	102	185	Zircon_05Apr22_CGS_KH344	
116	0.02	0.444	1.92	0.285	14.6	5.99	77.6	30.7	146	31.1	278	57.4	12884	0.711	72.9	132	Zircon_05Apr22_CGS_KH344	
117	0.166	2.76	7.06	1.55	38.4	12.2	142	49.6	210	43.6	381	69.2	10884	0.589	79.8	110	Zircon_05Apr22_CGS_KH344	
118	0.042	1.09	2.71	0.383	17.8	7.15	90.1	37.0	164	34.0	330	64.1	12638	0.646	45.4	115	Zircon_05Apr22_CGS_KH344	
119	0.0	1.00	1.32	0.192	11.0	4.57	59.4	24.3	110	23.1	225	43.4	11913	0.493	32.6	81.8	Zircon_05Apr22_CGS_KH344	
120	0.111	1.76	4.01	0.456	21.7	7.83	102	37.7	161	33.2	291	57.9	12123	0.493	60.9	104	Zircon_05Apr22_CGS_KH344	
121	0.134	2.41	6.22	1.08	34.5	11.4	141	53.8	240	47.7	447	84.5	11608	0.777	66.7	110	Zircon_05Apr22_CGS_KH344	
122	0.047	1.23	3.42	0.479	22.5	8.05	103	38.4	169	36.1	330	60.7	12212	0.525	68.7	104	Zircon_05Apr22_CGS_KH344	
123	0.043	0.885	2.46	0.660	15.3	5.56	67.4	25.2	116	23.8	211	40.8	11046	0.600	40.8	70.4	Zircon_05Apr22_CGS_KH344	
124	0.213	1.31	2.74	0.478	16.8	6.58	89.4	35.4	174	41.3	399	79.6	13550	0.638	35.1	190	Zircon_05Apr22_CGS_KH344	
125	0.080	0.935	3.47	0.381	22.0	8.80	124	50.0	231	50.2	483	94.0	12949	1.04	71.5	218	Zircon_05Apr22_CGS_KH344	
126	0.04	1.39	4.36	0.379	27.2	10.7	142	57.1	258	57.7	517	105	13263	0.489	59.4	158	Zircon_05Apr22_CGS_KH344	
127	0.117	2.60	4.74	1.06	27.3	9.68	123	44.1	189	40.0	355	67.7	11397	0.698	56.5	89.4	Zircon_05Apr22_CGS_KH344	
128	0.017	0.507	2.36	0.267	17.0	6.08	80.7	31.8	153	33.7	308	59.7	12295	0.436	37.5	95.9	Zircon_05Apr22_CGS_KH344	
129	0.084	1.83	4.60	0.840	26.6	9.55	113	42.3	185	38.2	348	66.7	11432	0.673	64.1	109	Zircon_05Apr22_CGS_KH344	
130	0.116	1.83	4.67	0.609	31.1	11.5	143	58.0	254	54.2	498	92.4	12154	0.889	83.2	179	Zircon_05Apr22_CGS_KH344	
131	0.112	2.23	3.87	0.615	22.7	8.92	114	44.7	203	43.1	403	78.8	11600	0.659	65.3	135	Zircon_05Apr22_CGS_KH344	
132	0.03	0.752	2.57	0.480	14.5	5.49	71.9	30.1	131	27.3	273	50.7	12680	0.894	43.4	97.4	Zircon_05Apr22_CGS_KH344	
133	0.010	0.570	1.50	0.157	11.9	4.59	60.4	23.4	116	25.7	244	46.2	12562	0.629	42.7	114	Zircon_05Apr22_CGS_KH344	
134	0.04	1.10	2.15	0.443	19.1	6.44	81.1	31.0	140	31.1	287	53.8	11500	0.534	43.3	93.8	Zircon_05Apr22_CGS_KH344	
135	0.047	0.705	2.20	0.351	16.7	5.86	74.7	31.0	142	31.3	280	56.0	12298	0.404	33.0	84.6	Zircon_05Apr22_CGS_KH344	
136	0.04	1.37	2.15	0.397	17.9	6.36	87.5	33.3	152	33.1	323	61.6	12547	0.442	43.3	101	Zircon_05Apr22_CGS_KH344	
137	0.049	0.932	2.91	0.430	17.4	6.68	89.0	33.9	147	30.3	289	57.3	11681	0.699	59.4	112	Zircon_05Apr22_CGS_KH344	
138	0.069	1.96	3.99	1.07	29.0	9.01	106	39.8	176	37.5	312	60.7	11412	0.650	57.1	86.2	Zircon_05Apr22_CGS_KH344	
139	0.03	0.745	3.46	0.393	17.3	6.52	75.3	30.8	134	28.8	268	50.2	11191	0.717	45.1	84.0	Zircon_05Apr22_CGS_KH344	
140	0.474	2.97	3.22	0.959	14.2	3.99	50.8	19.8	101	24.5	247	52.9	10839	0.989	67.7	208	Zircon_05Apr22_CGS_KH344	
141	0.08	0.905	2.67	0.289	20.6	8.05	111	45.3	208	46.3	428	81.3	13898	0.622	44.6	146	Zircon_05Apr22_CGS_KH344	
142	0.025	0.554	1.66	0.174	10.5	4.27	55.9	22.3	103	22.9	213	41.6	13718	0.720	43.8	131	Zircon_05Apr22_CGS_KH344	
143	27.8	478	434	36.4	280	77.2	674	474	595	448	1002	472	42423	1.40	469	548	Zircon_05Apr22_CGS_KH344	
144	44.5	294	206	61.8	393	404	880	243	866	467	1449	238	41943	1.46	660	814	Zircon_05Apr22_CGS_KH344	
145	27.7	204	122	49.9	207	49.4	461	429	499	97.3	838	451	42753	1.53	467	370	Zircon_05Apr22_CGS_KH344	
146	2.27	48.0	22.4	6.30	69.9	24.4	237	78.2	327	67.4	596	407	41752	0.877	444	245	Zircon_05Apr22_CGS_KH344	
147	5.54	38.3	35.4	41.6	94.5	26.8	274	86.8	342	72.2	640	422	41884	0.943	443	214	Zircon_05Apr22_CGS_KH344	