

## Appendix 2. U-Pb SHRIMP analyses of zircon.

Spot Name	Pb <sub>c</sub> %	U (ppm)	Th (ppm)	Th/U	CL texture	Analysed inclusions	Age <sup>206</sup> Pb/ <sup>238</sup> U	±1 σ	<sup>206</sup> Pb/ <sup>238</sup> U	±1 σ	Total <sup>238</sup> U/ <sup>206</sup> Pb	% err	Total <sup>207</sup> Pb/ <sup>206</sup> Pb	% err
0527-4.1	0.28	433	30	0.07	mosaic	epidote	52.135	0.689	0.008120	0.000108	122.80	1.31	0.04931	3.62
0527-12	0.50	712	65	0.09	mosaic	Na-cpx	52.567	0.646	0.008188	0.000101	121.52	1.22	0.05104	2.70
0527-4.3	0.87	461	76	0.17	mosaic		53.172	1.125	0.008282	0.000176	119.68	2.11	0.05400	3.53
0527-30	1.85	330	84	0.25	mosaic	apatite, Na-cpx	53.301	0.820	0.008303	0.000128	118.22	1.47	0.06170	5.88
0527-11	0.13	391	25	0.06	mosaic		53.628	0.711	0.008354	0.000111	119.56	1.31	0.04808	3.64
0527-8	0.46	734	108	0.15	mosaic		53.773	0.644	0.008376	0.000101	118.83	1.19	0.05077	2.71
0527-18	0.10	679	70	0.10	mosaic	Na-cpx	54.342	0.648	0.008465	0.000101	118.01	1.18	0.04787	2.78
0527-21	0.78	474	57	0.12	mosaic	Na-cpx	54.645	0.823	0.008513	0.000129	116.55	1.49	0.05327	3.19
0527-28	0.21	708	49	0.07	mosaic		55.416	0.595	0.008633	0.000093	115.59	1.06	0.04877	2.78
0527-3A	0.30	460	29	0.06	mosaic		55.429	0.685	0.008635	0.000107	115.45	1.22	0.04950	3.03
0527-29	0.45	503	296	0.59	mosaic	Na-cpx	55.610	1.178	0.008664	0.000184	114.91	2.11	0.05067	4.28
0527-10	1.37	397	226	0.57	mosaic	Na-cpx	55.681	0.736	0.008675	0.000115	113.69	1.28	0.05799	4.71
0527-32	0.37	663	74	0.11	mosaic	Na-cpx	55.909	0.713	0.008711	0.000111	114.38	1.27	0.05004	2.80
0527-2	0.60	379	66	0.17	mosaic	Na-cpx	56.781	0.937	0.008847	0.000147	112.36	1.64	0.05188	3.20
0527-27	0.26	530	218	0.41	mosaic		56.813	0.645	0.008852	0.000101	112.68	1.12	0.04918	3.15
0527-20	5.76	719	111	0.15	mosaic		57.183	1.978	0.008910	0.000310	105.77	3.37	0.09279	6.69
0527-7	0.51	528	134	0.25	mosaic		67.054	0.824	0.010456	0.000129	95.15	1.22	0.05136	2.89
0527-26	0.57	441	159	0.36	mosaic		74.113	0.842	0.011563	0.000132	85.99	1.12	0.05199	3.01
0527-22	0.30	626	256	0.41	mosaic	Na-cpx	75.259	0.805	0.011743	0.000126	84.90	1.06	0.04989	2.92
0527-17	0.17	710	363	0.51	mosaic	Na-cpx	79.998	0.908	0.012487	0.000143	79.95	1.13	0.04894	2.32
0527-15	0.00	697	523	0.75	mosaic		111.668	1.223	0.017473	0.000193	57.29	1.10	0.04738	1.87
0527-3	0.17	803	1477	1.84	mosaic	Na-cpx	118.164	1.299	0.018499	0.000205	53.97	1.10	0.04970	1.84
0527-5	0.09	557	706	1.27	mosaic	Na-cpx	131.701	1.657	0.020640	0.000262	48.41	1.26	0.04938	2.06
0527-6	0.10	626	1334	2.13	weak oscill		158.846	1.756	0.024947	0.000279	40.05	1.11	0.05002	1.78
0527-1	0.00	1517	3174	2.09	sector		161.339	1.667	0.025344	0.000265	39.50	1.04	0.04835	1.30
0527-16	0.00	1421	2674	1.88	weak oscill		161.404	1.671	0.025354	0.000266	39.45	1.04	0.04908	1.08
0527-13	0.19	686	1121	1.63	weak sector		163.901	1.558	0.025751	0.000248	38.76	0.95	0.05084	1.68
0527-25	0.04	657	1064	1.62	sector		164.049	1.563	0.025775	0.000249	38.78	0.96	0.04968	1.69
0527-31	0.00	457	838	1.83	sector		164.195	1.653	0.025798	0.000263	38.76	1.00	0.04935	2.94
0527-33	0.28	410	628	1.53	weak oscill		165.232	1.734	0.025963	0.000276	38.41	1.05	0.05158	2.08
0527-23	0.16	833	1693	2.03	weak oscill		165.295	1.556	0.025973	0.000248	38.44	0.94	0.05061	1.46
0527-35	0.11	633	1830	2.89	weak oscill		165.378	1.574	0.025986	0.000250	38.44	0.95	0.05026	1.68