Table B1 Zircon U-Pb Crystallization ages

				Isotope ratios							Apparent ages (Ma)								
Analysis	U	206Pb	U/Th	206Pb*	±	207Pb*	±	206Pb*	±	error	206Pb*	±	207Pb*	±	206Pb*	±	Best age	±	Conc
	(ppm)	204Pb		207Pb*	(%)	235U*	(%)	238U	(%)	corr.	238U*	(Ma)	235U	(Ma)	207Pb*	(Ma)	(Ma)	(Ma)	(%)
13SI02-1	58	32336	0.5	12.8	4.0	2.1	4.8	0.2	2.7	0.6	1158	29	1154	33	1148	79	1147.5	78.7	100.9
13SI02-2	1479	244327	0.8	17.6	0.3	0.6	1.4	0.1	1.4	1.0	478	6	480	5	487	6	478.5	6.3	98.2
13SI02-3	140	67730	1.4	13.7	1.4	1.6	2.3	0.2	1.8	0.8	971	16	986	14	1019	28	1018.6	28.1	95.3
13SI02-4	282	329963	1.0	13.9	0.8	1.5	1.5	0.2	1.3	0.8	904	11	928	9	986	16	986.3	16.1	91.6
13SI02-5	932	176974	1.7	11.6	0.4	2.4	0.8	0.2	0.7	0.9	1206	8	1254	6	1336	7	1335.8	7.3	90.3
13SI02-6	264	35191	0.7	17.8	2.5	0.4	3.3	0.1	2.1	0.6	362	7	376	10	462	56	361.7	7.3	NA
13SI02-7	168	11044	1.3	21.3	9.4	0.2	9.7	0.0	2.5	0.3	219	5	205	18	50	225	218.6	5.4	NA
13SI02-8	159	59767	3.4	12.7	1.0	2.1	1.7	0.2	1.3	0.8	1160	14	1160	11	1160	20	1159.9	20.5	100.0
13SI02-9	281	150264	1.6	12.1	1.0	2.4	3.5	0.2	3.3	1.0	1245	38	1252	25	1264	19	1263.9	19.1	98.5
13SI02-10	397	109221	2.8	11.6	0.6	2.4	2.9	0.2	2.8	1.0	1201	31	1250	21	1336	11	1335.7	11.1	89.9
13SI02-11	224	75114	4.4	16.7	2.5	0.8	5.1	0.1	4.4	0.9	608	26	607	23	603	54	608.2	25.8	100.8
13SI02-12	229	13201	1.1	22.0	13.3	0.1	13.5	0.0	2.4	0.2	124	3	116	15	-29	323	123.6	2.9	NA
13SI02-14	100	63148	1.2	11.8	2.5	2.4	3.7	0.2	2.7	0.7	1187	29	1229	26	1304	48	1304.1	48.3	91.0
13SI02-15	321	46478	2.5	12.7	0.6	2.1	1.1	0.2	0.9	0.8	1125	9	1141	8	1172	12	1172.5	12.5	96.0
13SI02-16	297	113792	1.0	11.3	0.6	2.8	1.7	0.2	1.6	0.9	1329	20	1355	13	1396	11	1395.5	10.9	95.2
13SI02-17	304	11325	0.6	22.2	10.1	0.1	10.5	0.0	2.8	0.3	84	2	79	8	-57	247	84.0	2.4	NA
13SI02-18	162	48506	0.9	17.7	3.7	0.6	3.9	0.1	1.2	0.3	489	6	487	15	476	82	488.9	5.5	102.6
13SI02-19	218	127552	0.7	12.7	0.8	2.1	1.2	0.2	0.8	0.7	1160	9	1163	8	1168	17	1168.2	16.7	99.3
13SI02-20	474	96074	2.1	13.8	0.4	1.6	1.3	0.2	1.3	1.0	944	11	959	8	994	8	993.7	8.3	95.0
13SI02-21	17	2048	1.2	17.8	45.1	0.6	45.9	0.1	8.5	0.2	471	39	469	174	460	###	471.2	38.8	102.4
13SI02-22	500	33187	5.4	12.5	0.5	1.8	1.8	0.2	1.7	1.0	997	16	1060	12	1193	11	1193.1	10.6	83.6
13SI02-23	443	366366	1.4	12.6	0.4	2.2	1.2	0.2	1.2	0.9	1177	12	1178	9	1179	8	1179.1	8.1	99.8
13SI02-25	549	166778	1.0	13.7	0.4	1.7	1.7	0.2	1.6	1.0	1027	15	1024	11	1017	8	1017.1	8.2	101.0
13SI02-26	103	48565	1.4	9.9	1.1	4.1	2.3	0.3	2.0	0.9	1667	30	1653	19	1636	20	1635.8	19.8	101.9
13SI02-27	442	36149	3.1	12.6	0.6	2.0	2.8	0.2	2.8	1.0	1075	27	1109	19	1178	12	1177.6	11.6	91.3
13SI02-28	843	23064	6.6	20.7	9.5	0.0	9.7	0.0	2.2	0.2	45	1	46	4	111	224	44.6	1.0	NA
13SI02-29	345	11660	1.3	21.7	10.3	0.1	10.6	0.0	2.2	0.2	118	3	113	11	-1	249	118.2	2.6	NA
13SI02-30	53	19301	0.3	16.1	7.8	1.0	8.1	0.1	2.3	0.3	693	15	688	41	674	167	692.9	15.1	102.8
13SI02-32	1004	8619	2.9	12.2	0.7	0.7	5.4	0.1	5.3	1.0	395	20	546	23	1237	13	395.2	20.4	NA
13SI02-33	238	108120	1.0	12.6	1.2	2.0	1.4	0.2	0.6	0.4	1092	6	1120	9	1175	24	1175.3	24.1	92.9
13SI02-35	179	22657	0.5	17.2	4.1	0.5	6.8	0.1	5.4	0.8	419	22	437	24	531	91	418.9	21.8	78.9
13SI02-36	148	235257	1.2	12.5	1.0	2.2	1.9	0.2	1.6	0.9	1178	18	1184	13	1197	20	1196.6	19.8	98.4
13SI02-38	57	68560	1.4	4.9	0.6	15.5	0.9	0.6	0.7	0.7	2833	15	2848	9	2858	10	2858.2	10.2	99.1
13SI02-40	405	8703	17.6	18.5	9.1	0.1	13.4	0.0	9.8	0.7	83	8	94	12	368	205	83.4	8.1	NA
13SI02-41	340	42328	2.2	21.6	5.1	0.1	5.8	0.0	2.8	0.5	127	4	122	7	11	122	127.4	3.5	NA
13SI02-42	51	12502	0.7	19.7	12.0	0.6	12.2	0.1	2.3	0.2	499	11	454	45	233	278	498.9	11.0	214.1
13SI02-43	127	19180	1.3	25.2	26.8	0.1	27.1	0.0	4.2	0.2	142	6	117	30	-374	705	141.9	5.8	NA
13SI02-44	1177	265871	1.6	12.6	0.2	2.2	1.0	0.2	0.9	1.0	1169	10	1176	7	1188	4	1188.2	4.5	98.4
13SI02-46	179	142107	1.9	10.5	0.6	3.1	4.0	0.2	3.9	1.0	1359	48	1427	30	1530	12	1530.1	11.6	88.8
13SI02-47	54	9854	1.0	17.3	9.9	0.6	10.6	0.1	3.7	0.4	489	18	494	41	516	218	488.9	17.6	94.7
13SI02-48	247	120749	9.1	16.2	1.3	0.7	2.3	0.1	1.8	0.8	476	8	511	9	668	28	476.3	8.4	71.3
13SI02-51	38	6452	0.6	17.7	12.8	0.6	12.9	0.1	1.6	0.1	485	7	482	49	466	284	485.1	7.3	104.0
13SI02-52	1535	14749	38.9	22.2	13.5	0.0	13.8	0.0	2.5	0.2	24	1	23	3	-51	331	24.1	0.6	NA
13SI02-54	55	43121	0.7	10.9	2.2	3.1	2.5	0.2	1.3	0.5	1409	16	1427	19	1455	41	1455.3	41.5	96.8
13SI02-55	75	33579	1.4	10.1	1.2	3.9	1.8	0.3	1.3	0.7	1634	19	1620	14	1603	23	1603.1	22.7	101.9

Table B1 Zircon U-Pb Crystallization ages

				Isotope ratios							Apparent ages (Ma)								
Analysis	U (ppm)	206Pb 204Pb	U/Th	206Pb* 207Pb*	± (%)	207Pb* 235U*	± (%)	206Pb* 238U	± (%)	error corr.	206Pb* 238U*	± (Ma)	207Pb* 235U	± (Ma)	206Pb* 207Pb*	± (Ma)	Best age (Ma)	± (Ma)	Conc (%)
13SI02-56	977	708082	0.8	9.9	0.1	3.9	1.8	0.3	1.8	1.0	1605	25	1623	14	1646	2	1645.7	1.6	97.5
13SI02-57	66	40817	0.8	11.4	1.3	2.8	2.1	0.2	1.7	0.8	1350	20	1360	16	1376	24	1375.8	24.0	98.1
13SI02-58	211	50671	1.4	13.8	1.7	1.5	3.4	0.2	3.0	0.9	921	26	945	21	1001	34	1000.6	34.2	92.1
13SI02-59	123	1886	0.5	17.4	36.8	0.0	37.7	0.0	8.2	0.2	36	3	44	16	512	836	36.2	3.0	NA
13SI02-60	172	45674	4.2	12.5	1.1	2.2	3.9	0.2	3.8	1.0	1152	40	1170	27	1203	22	1203.2	21.9	95.7
13SI02-61	679	5595	1.6	17.2	1.5	0.4	3.8	0.0	3.5	0.9	305	10	334	11	540	32	305.1	10.4	NA
13SI02-63	1525	155057	1.5	17.4	0.6	0.6	1.5	0.1	1.3	0.9	464	6	473	6	514	14	464.4	5.9	90.4
13SI02-64	473	9829	0.8	22.3	28.6	0.0	28.9	0.0	3.7	0.1	37	1	36	10	-66	712	37.3	1.4	NA
13SI02-65	132	51146	1.7	13.4	1.9	1.9	2.9	0.2	2.3	0.8	1088	23	1081	19	1066	37	1065.9	37.3	102.1
13SI02-66	127	49300	1.0	14.1	1.5	1.5	2.8	0.2	2.3	0.8	915	20	927	17	956	31	955.7	30.9	95.7
13SI02-67	435	112779	1.6	10.3	0.8	3.3	4.9	0.2	4.9	1.0	1426	62	1482	38	1563	16	1562.6	15.8	91.2
13SI02-68	98	22752	2.1	14.1	3.9	1.4	4.2	0.1	1.5	0.4	878	13	900	25	955	79	954.7	79.0	92.0
13SI02-70	220	86247	1.1	12.7	1.0	2.2	1.5	0.2	1.1	0.8	1196	12	1186	10	1167	19	1166.8	18.9	102.5
13SI02-71	287	157890	1.0	11.4	0.7	2.9	1.7	0.2	1.6	0.9	1365	20	1371	13	1380	13	1379.8	12.7	98.9
13SI02-73	87	3989	1.7	13.6	2.7	1.5	2.8	0.2	0.8	0.3	913	6	945	18	1022	56	1022.1	55.6	89.3
13SI02-75	496	89495	3.0	17.4	2.2	0.6	2.7	0.1	1.6	0.6	501	8	502	11	508	49	501.1	7.6	98.7
13SI02-77	141	19499	3.5	17.5	10.9	0.3	11.9	0.0	4.7	0.4	238	11	264	28	497	242	238.2	11.1	NA
13SI02-78	66	15626	0.4	16.8	7.4	0.7	7.6	0.1	1.9	0.2	502	9	517	31	581	160	502.1	9.1	86.4
13SI02-79	103	30493	1.4	10.1	1.1	3.9	1.4	0.3	0.9	0.7	1613	13	1608	11	1601	20	1601.0	19.7	100.8
13SI02-80	112	82683	0.8	12.3	1.5	2.5	4.6	0.2	4.3	0.9	1279	50	1259	33	1223	29	1223.5	29.1	104.5
13SI02-81	621	139287	0.5	17.6	0.9	0.6	1.1	0.1	0.7	0.6	480	3	482	4	489	20	480.0	3.2	98.2
13SI02-82	189	75442	1.8	12.2	1.4	2.3	1.8	0.2	1.1	0.6	1184	12	1207	13	1248	27	1248.1	26.7	94.9
13SI02-83	195	189379	1.3	9.9	0.5	4.0	0.9	0.3	0.7	0.8	1614	10	1626	7	1641	10	1641.1	9.9	98.3
13SI02-84	246	6998	5.3	24.7	30.7	0.0	30.8	0.0	2.8	0.1	52	1	45	14	-322	804	52.3	1.4	NA
13SI02-85	92	74495	1.2	13.5	2.2	1.7	2.6	0.2	1.3	0.5	986	12	1002	16	1036	45	1036.2	45.4	95.2
13SI02-88	107	4485	1.0	17.5	8.2	0.6	8.8	0.1	3.2	0.4	496	15	496	34	498	180	495.8	15.3	99.5
13SI02-89	40	12484	1.1	14.0	5.3	1.6	6.4	0.2	3.5	0.6	955	31	960	40	970	109	969.7	108.7	98.5
13SI02-90	1922	24870	4.6	21.0	10.3	0.0	10.5	0.0	1.6	0.2	24	0	25	3	83	246	24.1	0.4	NA
13SI02-91	411	6956	1.0	12.5	1.2	1.9	1.8	0.2	1.3	0.7	1046	12	1095	12	1193	24	1193.3	24.3	87.7
13SI02-92	430	13305	1.0	12.5	1.2	2.1	2.5	0.2	2.2	0.9	1129	23	1151	17	1191	23	1190.7	22.8	94.8
13SI02-93	127	79173	2.1	11.9	1.3	2.6	1.8	0.2	1.2	0.7	1292	14	1294	13	1296	25	1296.5	25.3	99.6
13SI02-94	291	204597	1.8	14.7	1.1	1.3	1.7	0.1	1.3	0.8	859	10	863	10	875	22	858.7	10.3	98.1
13SI02-95	451	6842	2.1	12.5	1.0	1.8	1.6	0.2	1.3	0.8	967	11	1040	11	1195	21	1194.8	20.5	81.0
13SI02-96	209	47516	1.1	14.8	1.3	1.3	1.4	0.1	0.6	0.4	847	5	849	8	854	27	846.8	4.6	99.1
13SI02-98	204	61328	1.5	13.6	0.7	1.7	1.0	0.2	0.7	0.7	995	7	1005	6	1026	13	1026.4	13.3	97.0
13SI02-100	213	5885	3.8	21.1	20.3	0.1	22.2	0.0	8.9	0.4	52	5	53	11	73	486	52.2	4.6	NA
13SI02-101	231	103744	1.5	12.6	0.7	2.0	1.1	0.2	0.8	0.7	1063	8	1104	7	1186	14	1185.5	14.0	89.7
13SI02-102	1038	278656	0.9	17.6	0.7	0.6	1.5	0.1	1.3	0.9	487	6	487	6	484	15	487.5	6.2	100.6
13SI02-103	342	240426	1.5	10.2	0.4	3.5	3.0	0.3	3.0	1.0	1494	40	1534	24	1590	7	1589.7	6.6	94.0
13SI02-104	57	1191	1.9	0.5	2193.0	1.1	2193.2	0.0	29.2	0.0	28	8	755	NA	NA	NA	28.1	8.2	NA
13SI02-105	626	433112	1.1	12.7	0.2	2.0	1.8	0.2	1.8	1.0	1074	17	1106	12	1170	5	1170.4	4.7	91.8
13SI02-Spot 13	201	58507	1.2	16.8	1.2	0.7	4.1	0.1	3.9	1.0	550	21	557	18	588	26	549.6	20.6	93.5
13SI02-Spot 11	501	191395	0.9	16.6	1.3	0.8	3.8	0.1	3.6	0.9	588	20	593	17	610	29	588.4	20.2	96.5
13SI02-Spot 5	382	72644	1.4	13.8	0.9	1.6	2.9	0.2	2.8	0.9	955	25	969	18	999	19	999.3	18.7	95.6
13SI02-Spot 2	114	59155	1.0	12.8	1.2	1.7	4.4	0.2	4.2	1.0	924	36	995	28	1154	23	1154.3	23.1	80.0

Table B1 Zircon U-Pb Crystallization ages

				Isotope ratios							Apparent ages (Ma)								
Analysis	U (ppm)	206Pb 204Pb	U/Th	206Pb* 207Pb*	± (%)	207Pb* 235U*	± (%)	206Pb* 238U	± (%)	error corr.	206Pb* 238U*	± (Ma)	207Pb* 235U	± (Ma)	206Pb* 207Pb*	± (Ma)	Best age (Ma)	± (Ma)	Conc (%)
13SI02-Spot 15	288	182088	0.8	12.6	0.9	2.1	3.3	0.2	3.1	1.0	1127	32	1143	22	1174	18	1174.4	18.2	96.0
13SI02-Spot 9	239	112180	1.2	12.0	0.9	2.4	3.2	0.2	3.1	1.0	1214	34	1239	23	1283	18	1283.0	17.6	94.6
13SI11-68	361	3111	0.7	26.4	35.1	0.0	35.5	0.0	5.4	0.2	29	2	23	8	-496	957	28.9	1.6	NA
13SI11-109	111	1082	1.2	4.1	344.2	0.2	344.5	0.0	15.7	0.0	32	5	160	560	3162	216	32.2	5.0	NA
13SI11-65	2181	40684	0.7	21.9	3.7	0.0	3.8	0.0	0.8	0.2	35	0	34	1	-24	90	34.5	0.3	NA
13SI11-90	1164	20520	2.0	21.1	5.0	0.0	5.7	0.0	2.8	0.5	38	1	38	2	74	118	37.8	1.0	NA
13SI11-107	798	19398	0.7	21.3	8.6	0.0	10.0	0.0	5.0	0.5	39	2	40	4	45	207	39.5	2.0	NA
13SI11-77	92	2452	1.2	16.8	52.3	0.1	52.9	0.0	7.8	0.1	46	4	58	30	588	###	45.9	3.6	NA
13SI11-57	177	7454	0.9	27.2	31.4	0.0	31.9	0.0	5.8	0.2	47	3	37	12	-573	866	47.1	2.7	NA
13SI11-61	283	4446	0.8	19.0	12.2	0.1	13.2	0.0	5.1	0.4	47	2	53	7	317	278	47.3	2.4	NA
13SI11-48	109	4326	0.6	13.6	132.2	0.1	133.1	0.0	15.4	0.1	47	7	73	94	1022	502	47.3	7.2	NA
13SI11-62	632	19967	1.5	20.9	11.7	0.0	11.8	0.0	1.5	0.1	48	1	49	6	95	277	47.9	0.7	NA
13SI11-85	325	8080	2.1	22.1	11.6	0.0	11.8	0.0	2.5	0.2	49	1	47	5	-42	282	48.9	1.2	NA
13SI11-106	130	3020	1.1	35.2	42.2	0.0	42.6	0.0	6.1	0.1	49	3	30	13	-1331	###	49.2	3.0	NA
13SI11-5	256	5271	1.6	22.7	28.7	0.0	29.1	0.0	5.1	0.2	49	3	46	13	-103	717	49.2	2.5	NA
13SI11-29	701	24542	1.3	22.7	9.7	0.0	9.8	0.0	1.2	0.1	49	1	46	4	-111	239	49.4	0.6	NA
13SI11-31	720	9224	0.9	20.3	7.4	0.1	7.5	0.0	1.4	0.2	50	1	52	4	163	173	50.0	0.7	NA
13SI11-80	122	3718	1.0	21.0	18.7	0.1	19.6	0.0	5.9	0.3	53	3	54	10	86	446	52.9	3.1	NA
13SI11-101	429	7598	2.6	21.8	20.9	0.1	21.9	0.0	6.6	0.3	59	4	58	12	-4	508	59.1	3.9	NA
13SI11-63	704	2070	1.2	15.9	13.5	0.2	15.3	0.0	7.3	0.5	136	10	172	24	701	288	136.0	9.8	NA
13SI11-26	230	27952	2.1	17.7	4.6	0.2	5.8	0.0	3.6	0.6	199	7	221	12	468	102	198.7	7.0	NA
13SI11-42	183	27470	1.8	17.6	3.4	0.3	3.8	0.0	1.8	0.5	271	5	294	10	480	74	270.7	4.8	NA
13SI11-36	165	53867	3.0	17.8	4.7	0.4	4.9	0.1	1.6	0.3	338	5	355	15	466	103	338.2	5.2	NA
13SI11-28	432	8285	2.5	11.6	2.2	0.7	5.7	0.1	5.2	0.9	363	18	532	24	1344	43	362.6	18.4	NA
13SI11-105	84	22210	2.3	18.6	7.8	0.5	8.2	0.1	2.5	0.3	419	10	409	28	356	177	418.9	10.0	117.7
13SI11-45	174	36515	1.2	17.8	2.3	0.6	2.7	0.1	1.4	0.5	445	6	448	10	465	52	444.7	6.2	95.6
13SI11-91	635	19702	0.8	17.3	1.5	0.6	2.4	0.1	1.8	0.8	449	8	461	9	521	32	449.1	8.0	86.2
13SI11-24	103	5665	0.9	16.5	6.1	0.6	7.6	0.1	4.6	0.6	450	20	479	29	622	131	449.7	19.8	72.3
13SI11-43	824	40731	1.0	17.4	0.9	0.6	1.6	0.1	1.4	0.9	454	6	463	6	507	19	454.0	6.1	89.6
13SI11-58	301	75749	2.2	17.6	1.5	0.6	4.2	0.1	4.0	0.9	462	18	465	16	480	33	462.3	17.7	96.3
13SI11-97	241	59616	3.1	17.5	3.6	0.6	5.9	0.1	4.6	0.8	462	21	468	22	497	80	462.3	20.5	93.0
13SI11-73	254	76916	2.0	17.6	1.8	0.6	4.4	0.1	4.1	0.9	464	18	467	17	485	39	463.8	18.2	95.6
13SI11-10	613	89186	2.0	17.5	1.1	0.6	1.7	0.1	1.4	0.8	464	6	470	7	499	24	464.1	6.1	93.1
13SI11-89	168	37716	0.9	17.5	2.8	0.6	3.0	0.1	1.1	0.4	468	5	472	11	492	62	467.7	4.8	95.1
13SI11-71	92	14627	1.1	17.6	7.8	0.6	7.9	0.1	1.7	0.2	470	8	472	30	482	172	470.1	7.6	97.5
13SI11-53	392	70150	1.1	17.4	1.7	0.6	1.9	0.1	0.9	0.5	471	4	477	7	504	37	470.9	4.1	93.4
13SI11-2	625	232242	1.2	17.5	1.0	0.6	1.2	0.1	0.6	0.5	472	3	475	4	491	22	471.7	2.7	96.0
13SI11-8	369	70176	1.1	17.5	1.8	0.6	3.4	0.1	2.8	0.8	473	13	477	13	498	40	473.2	12.9	95.1
13SI11-72	277	48834	1.1	17.3	2.0	0.6	2.3	0.1	1.2	0.5	474	5	481	9	517	43	473.5	5.3	91.7
13SI11-40	439	139033	0.9	17.5	1.6	0.6	1.8	0.1	0.7	0.4	478	3	482	7	500	36	478.0	3.4	95.5
13SI11-56	139	21201	1.0	17.2	4.5	0.6	5.2	0.1	2.6	0.5	478	12	488	20	532	99	478.4	12.1	90.0
13SI11-64	23	5638	1.1	21.2	25.8	0.5	26.2	0.1	4.7	0.2	479	22	413	89	61	624	478.7	21.7	787.1
13SI11-16	208	54672	0.9	17.8	2.1	0.6	2.7	0.1	1.7	0.6	479	8	475	10	456	47	478.8	7.8	104.9
13SI11-69	174	55230	1.0	17.4	3.0	0.6	3.2	0.1	1.1	0.4	479	5	485	12	512	65	479.1	5.2	93.6
13SI11-11	134	50798	0.6	17.7	4.2	0.6	4.7	0.1	2.1	0.5	480	10	478	18	473	92	479.5	9.7	101.4

Table B1 Zircon U-Pb Crystallization ages

				Isotope ratios							Apparent ages (Ma)								
Analysis	U (ppm)	206Pb 204Pb	U/Th	206Pb* 207Pb*	± (%)	207Pb* 235U*	± (%)	206Pb* 238U	± (%)	error corr.	206Pb* 238U*	± (Ma)	207Pb* 235U	± (Ma)	206Pb* 207Pb*	± (Ma)	Best age (Ma)	± (Ma)	Conc (%)
13SI11-59	228	48666	0.8	18.0	2.1	0.6	2.4	0.1	1.2	0.5	480	6	472	9	432	47	479.9	5.6	111.0
13SI11-21	176	50027	0.9	17.7	3.7	0.6	4.0	0.1	1.6	0.4	481	7	479	15	468	82	480.7	7.3	102.7
13SI11-84	343	79466	0.9	17.4	1.5	0.6	2.3	0.1	1.8	0.8	481	8	485	9	507	32	480.8	8.5	94.8
13SI11-55	189	60183	1.2	17.6	2.3	0.6	2.7	0.1	1.5	0.5	481	7	482	10	486	51	481.3	6.9	99.0
13SI11-78	178	58821	1.0	17.4	4.4	0.6	4.9	0.1	2.3	0.5	482	11	487	19	513	96	482.1	10.8	94.0
13SI11-83	143	26185	1.4	17.3	4.7	0.6	5.1	0.1	2.0	0.4	483	9	491	20	524	104	483.5	9.4	92.2
13SI11-82	195	51705	1.0	17.5	2.3	0.6	2.6	0.1	1.2	0.5	485	6	487	10	492	50	485.4	5.7	98.6
13SI11-14	94	18499	1.4	18.1	5.2	0.6	5.8	0.1	2.5	0.4	485	12	474	22	419	116	485.4	11.8	115.9
13SI11-54	117	23996	1.6	18.8	7.3	0.6	7.8	0.1	2.7	0.3	487	13	462	29	337	165	487.1	12.6	144.4
13SI11-41	886	416661	2.6	17.5	0.7	0.6	0.8	0.1	0.4	0.5	489	2	490	3	494	17	488.9	1.8	99.1
13SI11-18	187	41241	1.1	17.6	2.4	0.6	2.9	0.1	1.7	0.6	489	8	488	11	483	53	489.4	7.9	101.4
13SI11-52	96	51651	2.0	17.6	3.8	0.6	4.6	0.1	2.6	0.6	491	12	489	18	479	84	490.7	12.1	102.4
13SI11-1	1189	416028	2.0	17.4	0.7	0.6	1.5	0.1	1.3	0.9	497	6	499	6	505	15	497.2	6.4	98.5
13SI11-46	2451	387447	2.6	17.3	0.2	0.6	1.6	0.1	1.6	1.0	498	8	502	6	523	5	497.6	7.7	95.1
13SI11-98	208	44840	0.9	17.0	4.1	0.7	4.9	0.1	2.7	0.6	514	13	524	20	564	90	514.3	13.4	91.2
13SI11-13	800	31330	3.6	16.7	0.8	0.8	2.5	0.1	2.3	0.9	564	13	572	11	603	17	563.9	12.6	93.5
13SI11-74	503	12909	1.1	16.2	1.1	0.8	2.3	0.1	2.0	0.9	598	11	611	10	660	24	597.9	11.2	90.6
13SI11-75	96	23868	2.1	16.1	5.5	0.9	6.1	0.1	2.8	0.4	672	18	672	30	674	117	671.7	17.5	99.7
13SI11-38	124	31638	0.6	15.9	2.1	1.0	2.7	0.1	1.7	0.6	721	12	716	14	700	45	721.1	11.5	103.0
13SI11-66	51	20763	1.5	15.2	3.0	1.2	4.9	0.1	3.9	0.8	798	29	797	27	793	63	798.3	29.0	100.7
13SI11-7	141	62955	1.9	13.9	1.4	1.6	2.0	0.2	1.4	0.7	959	13	966	13	982	29	981.7	28.9	97.7
13SI11-94	257	46913	1.1	13.8	1.1	1.6	2.1	0.2	1.8	0.9	981	17	986	13	996	21	996.2	21.4	98.5
13SI11-102	742	34071	0.8	13.8	0.3	1.5	7.2	0.1	7.2	1.0	893	60	924	43	1000	6	999.5	5.7	89.3
13SI11-47	353	157279	1.3	13.8	0.7	1.5	3.1	0.1	3.0	1.0	892	25	923	19	1000	15	999.8	14.9	89.2
13SI11-25	322	109533	1.3	13.3	0.7	1.9	1.8	0.2	1.7	0.9	1095	17	1088	12	1073	14	1073.3	14.2	102.0
13SI11-99	221	93163	0.9	13.1	1.7	1.9	2.1	0.2	1.3	0.6	1067	13	1077	14	1097	33	1097.5	33.0	97.2
13SI11-96	39	10951	1.1	12.8	4.1	2.1	4.4	0.2	1.7	0.4	1140	18	1144	30	1151	81	1151.4	81.0	99.0
13SI11-35	113	55063	0.5	12.7	0.9	2.0	1.2	0.2	0.8	0.7	1093	8	1117	8	1163	17	1163.5	17.3	94.0
13SI11-88	273	95273	1.4	12.6	0.6	1.9	2.3	0.2	2.2	1.0	1048	22	1091	15	1177	11	1177.2	11.1	89.0
13SI11-33	180	34779	1.2	12.6	1.0	2.2	3.6	0.2	3.4	1.0	1157	36	1165	25	1180	19	1179.6	18.8	98.1
13SI11-30	128	67142	1.2	12.6	0.9	2.1	1.3	0.2	1.0	0.7	1154	10	1163	9	1181	17	1181.0	17.2	97.7
13SI11-6	705	32158	3.8	12.6	0.5	1.8	8.9	0.2	8.9	1.0	996	82	1057	59	1185	9	1184.6	9.4	84.1
13SI11-44	122	55705	1.0	12.6	0.8	2.2	1.5	0.2	1.3	0.9	1178	14	1181	10	1186	15	1186.0	15.2	99.3
13SI11-67	137	51832	1.1	12.5	1.3	2.1	1.6	0.2	1.0	0.6	1148	11	1164	11	1194	25	1194.2	25.0	96.1
13SI11-76	127	84099	0.6	12.5	1.2	2.2	1.7	0.2	1.2	0.7	1174	13	1182	12	1196	24	1195.8	24.3	98.1
13SI11-20	49	27163	0.6	12.4	4.0	2.2	6.5	0.2	5.1	0.8	1157	54	1174	45	1207	78	1206.8	78.3	95.9
13SI11-50	81	61044	1.1	12.4	1.8	2.1	2.5	0.2	1.8	0.7	1130	18	1159	17	1214	36	1213.7	35.6	93.1
13SI11-23	633	40251	2.1	11.9	0.5	1.1	1.3	0.1	1.3	0.9	566	7	737	7	1298	9	1297.7	8.8	43.6
13SI11-100	217	173227	0.9	11.5	0.8	2.7	1.7	0.2	1.5	0.9	1300	17	1321	13	1354	16	1353.8	16.0	96.0
13SI11-3	188	143026	1.8	11.1	0.6	2.9	2.0	0.2	1.9	1.0	1346	24	1375	15	1420	12	1420.2	11.6	94.8
13SI11-60	245	136114	1.3	11.1	0.6	2.6	1.6	0.2	1.5	0.9	1222	16	1301	12	1434	11	1434.2	11.0	85.2
13SI11-86	191	6048	1.3	10.9	2.0	2.6	3.0	0.2	2.3	0.8	1206	25	1300	22	1459	38	1458.6	37.8	82.7
13SI11-9	95	97191	1.8	10.3	1.3	3.3	1.7	0.2	1.1	0.6	1406	13	1475	13	1575	24	1575.1	24.1	89.3
13SI11-27	131	96196	0.8	10.2	0.5	3.7	1.2	0.3	1.1	0.9	1564	15	1572	10	1581	10	1581.5	9.6	98.9
13SI11-108	270	246351	1.7	10.2	0.3	3.7	1.1	0.3	1.1	1.0	1557	15	1573	9	1595	5	1594.6	5.4	97.6

Table B1 Zircon U-Pb Crystallization ages

				Isotope ratios							Apparent ages (Ma)								
Analysis	U	206Pb	U/Th	206Pb*	±	207Pb*	±	206Pb*	±	error	206Pb*	±	207Pb*	±	206Pb*	±	Best age	±	Conc
	(ppm)	204Pb		207Pb*	(%)	235U*	(%)	238U	(%)	corr.	238U*	(Ma)	235U	(Ma)	207Pb*	(Ma)	(Ma)	(Ma)	(%)
13SI11-104	32	25677	1.5	10.0	2.6	3.9	2.9	0.3	1.4	0.5	1616	20	1616	24	1617	48	1617.3	47.7	99.9
13SI11-92	87	83244	0.7	10.0	1.0	3.7	1.3	0.3	0.8	0.6	1550	11	1580	10	1621	19	1621.0	19.4	95.6
13SI11-103	211	238210	12.2	9.7	0.3	4.3	1.4	0.3	1.3	1.0	1687	20	1686	11	1684	6	1684.4	6.1	100.1
13SI11-34	78	119917	1.6	9.4	0.6	4.5	1.0	0.3	0.8	0.8	1736	13	1737	8	1738	11	1737.7	10.7	99.9
13SI11-Spot 96	8190	39513	0.0	19.6	1.5	0.0	5.6	0.0	5.3	1.0	21	1	23	1	237	34	20.7	1.1	NA
13SI11-Spot 72	2295	28530	15.1	21.0	1.4	0.0	3.4	0.0	3.1	0.9	28	1	29	1	77	33	28.2	0.9	NA
13SI11-Spot 38	536	32899	2.0	21.4	1.4	0.0	3.0	0.0	2.7	0.9	32	1	32	1	35	33	31.6	0.8	NA
13SI11-Spot 3	830	54377	18.5	21.4	1.4	0.0	2.9	0.0	2.5	0.9	32	1	32	1	34	34	32.4	0.8	NA
13SI11-Spot 68	396	40582	0.5	20.7	2.1	0.0	3.4	0.0	2.7	0.8	34	1	35	1	114	50	33.5	0.9	NA
13SI11-Spot 112	16	2103	13.6	23.0	8.2	0.0	10.1	0.0	5.9	0.6	34	2	31	3	144	205	33.5	2.0	NA
13SI11-Spot 109	995	29585	2.6	20.8	1.2	0.0	2.9	0.0	2.6	0.9	35	1	36	1	102	30	35.2	0.9	NA
13SI11-Spot 135	687	66916	31.5	21.3	1.7	0.0	7.1	0.0	6.9	1.0	35	2	35	3	42	40	35.3	2.4	NA
13SI11-Spot 130	551	11362	0.7	22.0	1.8	0.0	3.1	0.0	2.5	0.8	38	1	37	1	34	43	37.8	0.9	NA
13SI11-Spot 8	919	28966	16.0	21.4	1.4	0.0	3.0	0.0	2.7	0.9	38	1	38	1	35	33	37.9	1.0	NA
13SI11-Spot 64	458	70309	4.5	20.5	2.3	0.0	4.2	0.0	3.5	0.8	39	1	41	2	138	53	38.9	1.4	NA
13SI11-Spot 123	172	22517	3.7	20.8	2.5	0.0	4.2	0.0	3.4	0.8	39	1	41	2	107	60	39.4	1.3	NA
13SI11-Spot 134	129	9832	0.8	20.1	2.5	0.0	4.7	0.0	4.0	0.9	40	2	42	2	188	58	39.5	1.6	NA
13SI11-Spot 59	341	43248	1.1	21.2	1.8	0.0	4.2	0.0	3.8	0.9	40	2	40	2	62	44	40.0	1.5	NA
13SI11-Spot 79	932	22040	3.0	21.7	1.4	0.0	3.3	0.0	3.0	0.9	40	1	40	1	1	33	40.4	1.2	NA
13SI11-Spot 129	1236	53644	2.4	20.2	2.1	0.0	3.1	0.0	2.4	0.8	41	1	43	1	172	48	40.7	1.0	NA
13SI11-Spot 104	199	224281	1.1	20.9	2.0	0.0	4.1	0.0	3.5	0.9	42	2	43	2	92	48	42.4	1.5	NA
13SI11-Spot 101	165	19719	6.3	21.3	2.1	0.0	3.9	0.0	3.3	0.8	46	2	46	2	42	50	46.3	1.5	NA
13SI11-Spot 30	219	18211	1.6	21.3	1.8	0.0	3.5	0.0	3.0	0.9	47	1	47	2	48	43	47.4	1.4	NA
13SI11-Spot 143	471	36818	3.4	21.2	2.1	0.0	4.0	0.0	3.5	0.9	48	2	48	2	52	49	48.2	1.7	NA
13SI11-Spot 87	456	18881	2.0	21.7	1.7	0.0	3.5	0.0	3.0	0.9	48	2	48	2	5	41	48.4	1.5	NA
13SI11-Spot 50	233	52395	1.0	20.9	2.1	0.0	3.7	0.0	3.1	0.8	48	2	49	2	89	50	48.4	1.5	NA
13SI11-Spot 80	602	48507	2.0	21.3	1.7	0.0	3.3	0.0	2.8	0.9	49	1	49	2	47	40	48.5	1.4	NA
13SI11-Spot 106	1161	120016	16.2	20.8	1.3	0.1	3.3	0.0	3.0	0.9	49	2	51	2	108	30	49.4	1.5	NA
13SI11-Spot 116	428	85779	2.1	21.3	1.3	0.1	3.2	0.0	3.0	0.9	50	2	50	2	41	32	50.3	1.5	NA
13SI11-Spot 41	253	81661	7.6	21.3	2.2	0.1	2.9	0.0	1.8	0.6	51	1	51	1	50	54	51.4	0.9	NA
13SI11-Spot 73	588	39827	24.2	19.8	2.2	0.1	3.4	0.0	2.6	0.8	55	1	59	2	218	52	55.3	1.4	NA
13SI11-Spot 103	305	21362	6.3	20.9	1.7	0.1	3.3	0.0	2.8	0.9	55	2	56	2	94	41	55.4	1.5	NA
13SI11-Spot 6	309	47782	1.5	20.9	2.0	0.1	3.9	0.0	3.3	0.9	56	2	57	2	92	48	55.8	1.9	NA
13SI11-Spot 149	773	35168	2.4	21.0	1.2	0.1	3.7	0.0	3.5	1.0	56	2	57	2	77	28	56.0	1.9	NA
13SI11-Spot 133	153	19632	2.1	20.9	2.2	0.1	3.9	0.0	3.2	0.8	62	2	63	2	93	53	62.0	2.0	NA
13SI11-Spot 93	71	3957	1.5	5.9	4.2	0.2	5.7	0.0	3.8	0.7	63	2	211	11	2567	71	62.8	2.4	NA
13SI11-Spot 23	364	38081	3.4	20.9	1.5	0.1	3.1	0.0	2.7	0.9	63	2	64	2	91	36	63.0	1.7	NA
13SI11-Spot 28	119	48215	2.2	20.1	2.5	0.1	4.3	0.0	3.5	0.8	64	2	67	3	180	59	63.6	2.2	NA
13SI11-Spot 44	2474	2767	6.2	3.2	0.7	0.4	3.0	0.0	2.9	1.0	64	2	367	9	3550	11	64.2	1.8	NA
13SI11-Spot 11	282	48935	2.9	21.9	1.5	0.1	3.2	0.0	2.8	0.9	65	2	63	2	21	37	64.9	1.8	NA
13SI11-Spot 118	326	568796	2.7	20.4	1.6	0.1	3.6	0.0	3.2	0.9	65	2	68	2	145	38	65.4	2.1	NA
13SI11-Spot 77	397	31998	1.2	20.6	1.3	0.1	3.0	0.0	2.7	0.9	68	2	69	2	124	32	67.7	1.8	NA
13SI11-Spot 128	238	14484	2.3	12.3	6.6	0.2	7.7	0.0	4.0	0.5	89	4	146	10	1225	129	88.8	3.5	NA
13SI11-Spot 146	2516	59365	8.3	17.9	1.1	0.1	3.1	0.0	2.9	0.9	98	3	114	3	447	24	98.3	2.8	NA
13SI11-Spot 1	784	88751	2.5	18.5	1.2	0.1	3.5	0.0	3.3	0.9	124	4	138	5	372	27	124.3	4.1	NA

Table B1 Zircon U-Pb Crystallization ages

				Isotope ratios							Apparent ages (Ma)								
Analysis	U (ppm)	206Pb 204Pb	U/Th	206Pb* 207Pb*	± (%)	207Pb* 235U*	± (%)	206Pb* 238U	± (%)	error corr.	206Pb* 238U*	± (Ma)	207Pb* 235U	± (Ma)	206Pb* 207Pb*	± (Ma)	Best age (Ma)	± (Ma)	Conc (%)
13SI11-Spot 10	289	42858	11.1	12.7	4.4	0.2	5.7	0.0	3.7	0.6	137	5	214	11	1168	87	137.3	5.0	NA
13SI11-Spot 39	116	38606	2.4	20.2	1.7	0.2	3.9	0.0	3.5	0.9	156	5	156	6	167	39	155.7	5.4	NA
13SI11-Spot 18	652	90571	2.9	19.5	1.2	0.2	4.8	0.0	4.6	1.0	208	9	212	9	258	28	207.7	9.4	NA
13SI11-Spot 12	88	35844	1.7	19.2	1.3	0.2	3.4	0.0	3.1	0.9	208	6	215	7	293	31	208.0	6.4	NA
13SI11-Spot 120	542	74082	9.9	17.4	1.3	0.3	7.4	0.0	7.3	1.0	229	16	255	17	506	28	228.8	16.4	NA
13SI11-Spot 84	636	78287	3.6	17.4	1.5	0.3	9.9	0.0	9.8	1.0	258	25	284	25	504	32	258.4	24.9	NA
13SI11-Spot 83	3017	167383	1.8	17.6	1.2	0.4	3.4	0.1	3.2	0.9	337	11	356	10	481	26	337.4	10.5	NA
13SI11-Spot 15	1452	23041	0.9	15.7	2.7	0.5	4.1	0.1	3.0	0.7	352	10	407	14	728	58	352.4	10.3	NA
13SI11-Spot 138	140	38649	0.5	17.4	1.1	0.5	3.3	0.1	3.1	0.9	387	12	406	11	515	25	386.7	11.7	NA
13SI11-Spot 20	160	34828	1.9	17.5	1.3	0.5	4.1	0.1	3.9	1.0	401	15	416	14	499	28	401.1	15.0	80.4
13SI11-Spot 126	2071	649733	0.9	17.4	0.9	0.5	2.7	0.1	2.6	0.9	413	10	428	10	513	20	412.9	10.4	80.5
13SI11-Spot 113	3108	342402	2.4	17.6	1.1	0.5	2.9	0.1	2.7	0.9	430	11	438	10	479	23	429.8	11.1	89.8
13SI11-Spot 147	1769	258612	1.3	17.3	0.8	0.5	2.8	0.1	2.7	1.0	431	11	445	10	516	18	431.1	11.3	83.5
13SI11-Spot 97	1418	1825988	2.1	17.3	1.0	0.6	2.7	0.1	2.6	0.9	432	11	446	10	516	21	432.3	10.7	83.7
13SI11-Spot 117	847	117009	140.9	17.3	0.7	0.6	2.5	0.1	2.3	1.0	438	10	451	9	518	17	438.2	9.9	84.6
13SI11-Spot 95	1132	84518	1.8	17.3	0.9	0.6	3.1	0.1	3.0	1.0	442	13	455	12	521	20	442.0	12.9	84.8
13SI11-Spot 4	600	373590	1.5	17.4	1.0	0.6	3.5	0.1	3.3	1.0	449	15	458	13	507	22	448.8	14.5	88.6
13SI11-Spot 36	1257	312580	1.5	17.4	1.0	0.6	3.2	0.1	3.0	0.9	450	13	460	12	511	23	450.3	13.0	88.1
13SI11-Spot 141	788	297024	1.5	17.8	0.8	0.6	2.9	0.1	2.8	1.0	456	12	456	11	454	19	456.1	12.2	100.5
13SI11-Spot 102	446	90928	1.6	17.7	1.0	0.6	2.7	0.1	2.6	0.9	457	11	460	10	475	22	457.1	11.3	96.2
13SI11-Spot 122	380	170231	1.1	17.6	0.9	0.6	2.6	0.1	2.4	0.9	464	11	468	10	490	20	463.9	10.7	94.7
13SI11-Spot 34	238	79947	1.7	17.3	1.2	0.6	2.9	0.1	2.7	0.9	467	12	476	11	519	26	466.9	12.1	90.0
13SI11-Spot 40	551	73948	1.4	17.7	1.0	0.6	3.3	0.1	3.1	1.0	467	14	468	12	474	23	466.9	14.1	98.4
13SI11-Spot 53	89	19703	0.8	16.9	1.6	0.6	3.4	0.1	3.0	0.9	471	14	489	13	577	36	470.7	13.5	81.6
13SI11-Spot 43	395	65310	1.7	17.4	1.2	0.6	2.6	0.1	2.3	0.9	476	11	483	10	515	26	476.3	10.8	92.6
13SI11-Spot 82	1539	244850	3.5	17.5	0.8	0.6	3.2	0.1	3.1	1.0	479	14	482	12	497	17	479.2	14.3	96.5
13SI11-Spot 57	245	1984304	1.8	17.5	1.1	0.6	3.3	0.1	3.1	0.9	480	15	484	13	503	25	480.0	14.5	95.5
13SI11-Spot 13	467	76023	1.3	17.1	1.9	0.6	3.4	0.1	2.8	0.8	482	13	495	13	552	42	482.1	13.2	87.4
13SI11-Spot 85	419	73009	1.4	17.6	1.1	0.6	3.0	0.1	2.8	0.9	483	13	482	11	479	23	482.6	12.8	100.7
13SI11-Spot 21	119	57651	2.9	17.6	1.2	0.6	3.7	0.1	3.5	0.9	483	16	484	14	490	27	482.8	16.1	98.6
13SI11-Spot 124	455	53273	1.1	17.8	1.1	0.6	3.0	0.1	2.8	0.9	483	13	479	11	460	24	482.9	12.8	104.9
13SI11-Spot 70	68	113169	1.2	17.4	1.3	0.6	3.2	0.1	2.9	0.9	491	14	495	13	514	28	491.2	13.9	95.5
13SI11-Spot 88	45	69350	0.8	17.4	1.6	0.7	3.8	0.1	3.5	0.9	513	17	512	15	508	35	512.8	17.1	101.0
13SI11-Spot 16	210	425783	7.2	17.1	0.9	0.7	2.9	0.1	2.8	1.0	523	14	527	12	543	19	523.4	13.9	96.4
13SI11-Spot 150	241	88226	1.4	16.9	0.7	0.7	2.5	0.1	2.3	1.0	535	12	541	10	567	16	535.1	12.0	94.3
13SI11-Spot 22	91	31116	0.8	17.3	1.1	0.7	3.0	0.1	2.8	0.9	542	14	538	12	522	24	541.7	14.3	103.8
13SI11-Spot 61	223	75892	7.0	15.0	1.2	1.2	3.3	0.1	3.0	0.9	810	23	814	18	825	25	809.9	23.2	98.2
13SI11-Spot 37	246	79591	1.5	14.0	1.1	1.6	3.1	0.2	2.9	0.9	944	25	951	19	968	23	968.3	22.5	97.5
13SI11-Spot 14	70	30637	2.4	13.8	1.3	1.7	3.9	0.2	3.7	0.9	1006	34	1003	25	995	26	995.0	26.1	101.1
13SI11-Spot 62	632	1230918	1.9	13.8	1.1	1.4	3.5	0.1	3.3	1.0	851	27	893	21	997	23	996.9	22.9	85.4
13SI11-Spot 94	220	165930	1.3	13.8	1.1	1.5	3.3	0.1	3.1	1.0	892	26	923	20	997	22	997.1	21.7	89.4
13SI11-Spot 119	506	194023	1.5	13.8	1.0	1.4	2.8	0.1	2.6	0.9	840	21	886	17	1001	21	1001.4	20.5	83.9
13SI11-Spot 24	63	34166	1.3	13.8	1.1	1.6	3.9	0.2	3.8	1.0	966	34	977	25	1002	22	1001.7	22.4	96.4
13SI11-Spot 47	128	70631	1.6	13.7	1.1	1.7	3.0	0.2	2.9	0.9	1004	27	1005	19	1008	22	1007.6	21.6	99.6
13SI11-Spot 51	423	84568	1.3	13.5	1.0	1.6	3.5	0.2	3.3	1.0	946	29	975	22	1041	20	1041.1	19.7	90.8

Table B1 Zircon U-Pb Crystallization ages

				Isotope ratios							Apparent ages (Ma)								
Analysis	U	206Pb	U/Th	206Pb*	±	207Pb*	±	206Pb*	±	error	206Pb*	±	207Pb*	±	206Pb*	±	Best age	±	Conc
	(ppm)	204Pb		207Pb*	(%)	235U*	(%)	238U	(%)	corr.	238U*	(Ma)	235U	(Ma)	207Pb*	(Ma)	(Ma)	(Ma)	(%)
13SI11-Spot 58	502	69818	4.3	13.4	1.0	1.5	2.8	0.1	2.6	0.9	881	21	933	17	1059	21	1058.9	20.7	83.2
13SI11-Spot 125	157	284117	1.0	13.4	0.9	1.7	3.7	0.2	3.6	1.0	990	33	1012	24	1060	17	1060.1	17.4	93.4
13SI11-Spot 115	353	57727	9.5	13.2	0.9	1.7	2.6	0.2	2.5	0.9	950	22	992	17	1084	18	1084.3	17.5	87.6
13SI11-Spot 19	212	71920	2.5	13.2	0.9	1.7	2.7	0.2	2.5	0.9	998	24	1027	18	1089	19	1089.0	19.0	91.7
13SI11-Spot 17	47	24660	2.2	13.0	1.0	1.9	3.6	0.2	3.4	1.0	1045	33	1070	24	1120	21	1120.1	20.9	93.3
13SI11-Spot 66	83	60477	0.5	12.8	1.1	2.1	3.6	0.2	3.5	1.0	1146	36	1147	25	1149	21	1149.1	21.2	99.7
13SI11-Spot 67	73	53361	3.5	12.8	0.9	1.9	3.1	0.2	2.9	1.0	1046	28	1081	21	1152	19	1152.3	18.7	90.8
13SI11-Spot 78	208	92066	2.6	12.8	1.2	2.0	3.4	0.2	3.2	0.9	1117	33	1129	23	1153	23	1152.5	23.1	97.0
13SI11-Spot 35	233	69055	2.8	12.7	1.1	1.9	3.2	0.2	3.1	0.9	1023	29	1067	21	1158	21	1157.8	21.3	88.4
13SI11-Spot 55	312	15852769	1.7	12.6	0.9	1.9	3.2	0.2	3.1	1.0	1050	30	1092	22	1176	18	1175.6	17.6	89.3
13SI11-Spot 54	96	59818	0.6	12.6	1.1	2.2	4.0	0.2	3.8	1.0	1171	41	1177	28	1187	21	1187.3	20.9	98.6
13SI11-Spot 25	26	61139	1.1	12.5	1.1	2.1	4.8	0.2	4.6	1.0	1110	47	1137	33	1190	22	1189.8	22.2	93.3
13SI11-Spot 5	316	146564	1.6	12.5	1.0	2.1	3.5	0.2	3.3	1.0	1109	34	1138	24	1192	21	1192.1	20.6	93.1
13SI11-Spot 75	71	80518	1.5	12.5	1.1	2.2	3.1	0.2	2.9	0.9	1165	31	1175	22	1194	22	1193.9	22.4	97.6
13SI11-Spot 46	900	461807	3.9	12.3	1.0	2.1	3.0	0.2	2.8	0.9	1108	29	1150	21	1231	20	1231.4	20.1	90.0
13SI11-Spot 99	364	69130	9.0	12.1	0.6	2.1	3.5	0.2	3.4	1.0	1106	35	1158	24	1258	12	1257.5	12.1	88.0
13SI11-Spot 98	125	89332	1.3	11.8	0.9	2.6	3.6	0.2	3.4	1.0	1276	40	1289	26	1311	18	1311.2	18.3	97.3
13SI11-Spot 27	218	389441	2.8	11.5	0.8	2.6	2.9	0.2	2.8	1.0	1271	32	1302	21	1353	15	1353.4	15.3	93.9
13SI11-Spot 56	119	352272	1.6	11.2	1.0	3.0	3.7	0.2	3.5	1.0	1398	45	1402	28	1409	18	1408.7	18.3	99.2
13SI11-Spot 69	385	427848	2.4	11.1	1.8	2.9	4.2	0.2	3.8	0.9	1365	46	1392	32	1434	34	1433.6	34.0	95.2
13SI11-Spot 136	951	292271	2.9	11.0	1.0	2.8	3.7	0.2	3.5	1.0	1290	41	1348	28	1442	20	1442.1	19.5	89.4
13SI11-Spot 139	1294	2009144	6.7	11.0	1.1	3.2	3.1	0.3	2.9	0.9	1483	39	1469	24	1448	20	1448.1	20.1	102.4
13SI11-Spot 49	292	65458	0.8	10.9	1.2	2.7	3.2	0.2	3.0	0.9	1263	34	1341	24	1468	23	1467.5	22.9	86.0
13SI11-Spot 127	681	677877	5.6	10.8	0.9	2.8	3.2	0.2	3.0	1.0	1272	35	1353	24	1483	18	1483.2	17.8	85.7
13SI11-Spot 131	108	62493	1.4	10.7	0.9	3.3	3.0	0.3	2.8	1.0	1458	37	1473	23	1495	16	1494.5	16.3	97.5
13SI11-Spot 92	156	88714	2.2	10.3	1.0	3.7	3.0	0.3	2.8	1.0	1586	40	1578	24	1568	18	1568.2	18.3	101.1
13SI11-Spot 29	441	569757	3.5	10.2	0.9	3.2	3.0	0.2	2.8	1.0	1389	36	1466	23	1578	17	1578.1	17.1	88.0
13SI11-Spot 7	388	692600	1.9	10.2	1.3	3.6	5.6	0.3	5.5	1.0	1528	75	1551	45	1582	24	1581.9	23.8	96.6
13SI11-Spot 114	139	58137	1.1	10.2	1.1	3.8	3.3	0.3	3.1	0.9	1594	43	1591	26	1586	21	1585.6	20.5	100.5
13SI11-Spot 76	250	166413	0.9	10.1	1.0	3.7	2.9	0.3	2.7	0.9	1531	37	1565	23	1611	19	1610.6	19.4	95.0
13SI11-Spot 60	186	129294	1.5	10.1	1.0	3.8	2.8	0.3	2.6	0.9	1585	37	1597	22	1612	18	1611.6	18.0	98.4
13SI11-Spot 65	591	3260346	1.3	10.0	1.2	3.5	3.5	0.3	3.3	0.9	1464	44	1532	28	1626	22	1626.2	22.1	90.0
13SI11-Spot 42	63	92365	1.6	9.9	1.0	3.6	3.7	0.3	3.5	1.0	1481	47	1549	29	1643	19	1642.5	18.6	90.2
13SI11-Spot 9	195	61527	1.6	9.9	0.9	3.6	2.7	0.3	2.6	0.9	1464	34	1542	22	1652	18	1651.5	17.5	88.6
13SI11-Spot 2	574	261454	2.5	9.6	1.1	4.0	3.2	0.3	3.0	0.9	1588	42	1633	26	1692	20	1692.2	19.9	93.9
13SI11-Spot 140	249	31429	7.9	6.6	1.0	8.4	3.1	0.4	2.9	1.0	2174	54	2275	28	2368	16	2367.6	16.4	91.8
13SI11-Spot 108	172	65063	1.3	6.2	0.9	10.1	3.2	0.5	3.1	1.0	2408	62	2445	30	2476	16	2475.5	15.9	97.3
13SI11-Spot 63	81	63377	1.4	6.0	0.9	10.9	3.8	0.5	3.7	1.0	2497	77	2512	36	2523	15	2523.3	15.1	99.0
13SI11-Spot 26	55	268945	1.8	5.0	0.9	15.2	3.0	0.5	2.8	1.0	2811	64	2825	28	2835	15	2835.0	15.0	99.1
13SI11-Spot 107	145	210004	30.3	5.0	0.8	13.6	3.2	0.5	3.1	1.0	2568	66	2724	30	2841	14	2841.3	13.5	90.4
13SI11-Spot 142	173	299058	1.0	3.5	0.9	23.9	3.0	0.6	2.9	1.0	3026	70	3263	30	3413	14	3412.6	14.2	88.7
13SI17-1	385	12734	1.4	22.3	20.2	0.1	20.4	0.0	3.0	0.2	57	2	55	11	-60	498	57.3	1.7	NA
13SI17-2	81	16913	1.3	17.7	5.6	0.6	5.9	0.1	2.0	0.3	480	9	478	23	470	124	479.5	9.1	102.1
13SI17-4	329	121351	0.8	12.6	0.4	2.1	3.8	0.2	3.8	1.0	1137	39	1155	26	1188	7	1187.8	7.4	95.7
13SI17-6	277	62118	1.3	17.6	3.2	0.6	3.4	0.1	1.2	0.4	447	5	453	12	480	70	447.4	5.1	93.3

Table B1 Zircon U-Pb Crystallization ages

				Isotope ratios							Apparent ages (Ma)								
Analysis	U (ppm)	206Pb 204Pb	U/Th	206Pb* 207Pb*	± (%)	207Pb* 235U*	± (%)	206Pb* 238U	± (%)	error corr.	206Pb* 238U*	± (Ma)	207Pb* 235U	± (Ma)	206Pb* 207Pb*	± (Ma)	Best age (Ma)	± (Ma)	Conc (%)
13SI17-7	838	19999	3.7	21.6	6.3	0.1	7.5	0.0	4.0	0.5	57	2	56	4	16	151	56.9	2.3	NA
13SI17-8	977	890	11.8	15.0	4.5	0.1	9.5	0.0	8.4	0.9	84	7	116	11	833	94	84.3	7.0	NA
13SI17-9	537	18025	5.7	23.9	24.5	0.0	25.1	0.0	5.2	0.2	38	2	34	8	-232	626	37.6	2.0	NA
13SI17-10	239	130699	2.1	9.9	0.5	4.1	6.1	0.3	6.1	1.0	1658	89	1654	50	1648	9	1648.0	8.6	100.6
13SI17-11	57	62867	0.8	12.8	2.4	2.1	2.9	0.2	1.6	0.5	1157	17	1156	20	1153	49	1153.4	48.5	100.3
13SI17-12	160	4208	1.6	20.8	61.1	0.1	61.4	0.0	5.9	0.1	52	3	53	32	107	#####	51.7	3.1	NA
13SI17-13	538	114984	10.6	17.3	1.2	0.7	4.0	0.1	3.8	1.0	516	19	516	16	517	26	516.2	18.9	99.9
13SI17-14	146	153178	1.1	9.8	0.5	4.0	2.1	0.3	2.1	1.0	1631	30	1641	17	1654	9	1653.8	9.0	98.6
13SI17-15	94	182940	2.0	3.9	0.3	21.4	2.2	0.6	2.2	1.0	3068	54	3158	22	3215	5	3214.7	4.6	95.4
13SI17-16	153	81876	0.5	12.7	1.6	2.2	3.7	0.2	3.3	0.9	1174	35	1173	26	1173	32	1172.9	32.4	100.1
13SI17-18	365	144265	1.6	12.9	0.6	1.9	2.1	0.2	2.0	1.0	1076	20	1096	14	1134	12	1133.8	12.1	94.9
13SI17-19	72	66846	0.6	12.8	3.4	2.1	3.6	0.2	1.2	0.3	1163	13	1159	25	1151	67	1151.3	67.1	101.0
13SI17-20	207	20630	0.9	17.7	2.5	0.5	4.0	0.1	3.2	0.8	423	13	432	14	478	55	423.0	13.1	88.6
13SI17-21	232	102939	1.2	12.7	1.2	2.1	2.7	0.2	2.4	0.9	1141	25	1150	18	1166	23	1165.9	22.9	97.9
13SI17-23	281	73640	1.0	17.1	1.4	0.7	1.8	0.1	1.1	0.6	502	5	512	7	553	32	502.4	5.4	90.9
13SI17-24	41	4573	1.3	14.8	9.4	1.3	10.2	0.1	3.8	0.4	829	30	837	58	858	196	829.2	29.9	96.6
13SI17-25	260	13005	1.0	5.7	0.6	10.9	3.3	0.4	3.2	1.0	2378	64	2511	30	2621	10	2621.3	10.0	90.7
13SI17-26	111	4572	1.6	23.0	63.6	0.1	64.9	0.0	13.1	0.2	56	7	51	32	-145	#####	55.5	7.2	NA
13SI17-27	58	20656	3.7	14.7	4.1	1.2	6.5	0.1	5.1	0.8	764	37	791	36	868	85	764.4	36.6	88.1
13SI17-28	404	201140	1.0	9.9	0.4	4.1	3.7	0.3	3.7	1.0	1682	54	1664	30	1641	8	1641.2	8.0	102.5
13SI17-29	4812	906808	5.5	17.3	0.2	0.7	5.3	0.1	5.3	1.0	567	29	558	23	521	4	566.9	28.9	108.7
13SI17-30	112	54312	1.4	13.9	1.9	1.7	2.7	0.2	2.0	0.7	996	18	994	17	989	38	989.0	37.7	100.7
13SI17-31	145	77529	1.4	12.8	1.5	2.0	3.8	0.2	3.5	0.9	1103	35	1118	26	1149	29	1148.6	29.3	96.0
13SI17-32	405	121045	0.8	17.3	1.3	0.7	3.6	0.1	3.3	0.9	506	16	509	14	522	30	506.2	16.0	97.1
13SI17-33	92	20677	1.9	11.0	6.5	2.8	7.7	0.2	4.0	0.5	1285	47	1348	57	1449	124	1448.6	124.4	88.7
13SI17-34	97	18495	1.1	13.3	3.1	0.9	4.4	0.1	3.1	0.7	527	16	642	21	1072	62	526.6	15.6	49.1
13SI17-35	371	222117	0.9	13.8	0.6	1.6	3.2	0.2	3.1	1.0	975	29	982	20	997	13	997.3	13.1	97.8
13SI17-36	139	100698	1.5	9.7	0.5	4.0	3.1	0.3	3.1	1.0	1609	44	1641	26	1681	10	1681.3	9.6	95.7
13SI17-37	1158	398867	1.2	10.0	0.1	3.6	1.4	0.3	1.4	1.0	1479	18	1539	11	1622	3	1621.8	2.6	91.2
13SI17-38	63	31697	0.9	15.0	4.4	1.3	6.8	0.1	5.1	0.8	855	41	849	39	833	93	855.1	41.0	102.7
13SI17-39	446	93521	1.3	17.3	1.0	0.6	3.7	0.1	3.6	1.0	487	17	493	15	519	22	487.2	16.9	93.8
13SI17-40	120	59874	1.3	13.7	1.6	1.5	2.5	0.2	2.0	0.8	906	17	936	15	1007	32	1007.3	31.8	89.9
13SI17-41	441	57714	3.7	9.9	0.6	3.7	2.1	0.3	2.0	1.0	1520	27	1569	17	1637	11	1636.9	11.0	92.8
13SI17-42	420	28696	1.2	17.1	1.4	0.6	3.5	0.1	3.2	0.9	491	15	501	14	545	31	491.0	15.3	90.1
13SI17-43	395	23987	1.8	12.5	1.0	2.0	3.0	0.2	2.8	0.9	1085	28	1121	20	1191	20	1190.5	19.8	91.2
13SI17-44	130	180411	0.7	12.5	1.5	2.2	3.1	0.2	2.8	0.9	1169	30	1181	22	1203	29	1202.7	28.8	97.2
13SI17-45	355	13328	0.9	19.3	8.6	0.1	9.8	0.0	4.8	0.5	125	6	133	12	279	197	124.9	5.9	NA
13SI17-45	157	8957	1.3	16.4	22.6	0.2	23.8	0.0	7.3	0.3	135	10	166	36	634	492	134.7	9.8	NA
13SI17-47	175	48094	0.6	17.9	6.7	0.6	6.8	0.1	1.1	0.2	508	5	498	27	452	149	508.0	5.4	112.4
13SI17-48	52	31212	0.5	12.8	3.2	2.1	3.8	0.2	2.2	0.6	1153	23	1153	26	1152	63	1152.2	62.7	100.0
13SI17-49	213	65197	1.1	17.3	2.9	0.6	3.8	0.1	2.4	0.6	467	11	477	15	523	65	467.3	11.0	89.3
13SI17-51	177	58284	1.0	17.7	2.1	0.6	2.7	0.1	1.7	0.6	480	8	478	10	469	46	480.1	7.6	102.3
13SI17-52	203	67886	0.6	13.6	1.3	1.7	1.5	0.2	0.8	0.6	1013	8	1018	10	1030	25	1030.3	25.3	98.3
13SI17-53	536	57576	9.5	12.0	0.7	2.3	2.7	0.2	2.6	1.0	1166	28	1206	19	1278	13	1278.3	13.2	91.2
13SI17-54	53	9050	1.4	13.5	3.7	1.7	4.7	0.2	2.8	0.6	985	26	1003	30	1041	76	1040.5	75.7	94.7

Table B1 Zircon U-Pb Crystallization ages

				Isotope ratios							Apparent ages (Ma)								
Analysis	U	206Pb	U/Th	206Pb*	±	207Pb*	±	206Pb*	±	error	206Pb*	±	207Pb*	±	206Pb*	±	Best age	±	Conc
	(ppm)	204Pb		207Pb*	(%)	235U*	(%)	238U	(%)	corr.	238U*	(Ma)	235U	(Ma)	207Pb*	(Ma)	(Ma)	(Ma)	(%)
13SI17-56	181	112632	1.3	12.7	1.2	2.1	1.5	0.2	0.9	0.6	1128	9	1139	10	1160	24	1159.6	24.1	97.3
13SI17-57	1377	42106	68.5	21.5	10.7	0.0	10.9	0.0	1.9	0.2	36	1	36	4	28	258	36.1	0.7	NA
13SI17-59	239	89027	4.3	15.4	1.3	1.1	2.0	0.1	1.5	0.8	742	11	750	11	776	27	741.9	10.5	95.6
13SI17-60	76	29451	1.5	14.2	3.1	1.6	3.5	0.2	1.7	0.5	987	15	975	22	946	64	945.7	64.0	104.4
13SI17-61	197	9302	0.7	17.0	5.5	0.6	6.2	0.1	2.8	0.5	454	13	471	23	559	120	453.6	12.5	81.1
13SI17-62	239	30044	0.9	17.6	2.8	0.6	3.1	0.1	1.4	0.5	464	6	468	12	486	61	463.8	6.3	95.4
13SI17-64	144	67007	1.5	11.9	0.9	2.6	1.2	0.2	0.7	0.6	1288	9	1287	9	1286	18	1285.9	18.4	100.1
13SI17-65	588	201135	2.5	14.2	1.2	1.2	2.7	0.1	2.4	0.9	777	18	822	15	947	24	777.2	17.6	82.1
13SI17-66	580	173900	2.1	14.6	0.7	1.3	1.2	0.1	0.9	0.8	835	7	849	7	886	15	835.2	7.2	94.3
13SI17-67	322	9054	2.5	12.7	1.2	1.7	6.3	0.2	6.1	1.0	956	55	1019	40	1158	24	1158.0	24.2	82.5
13SI17-68	47	9370	0.8	9.6	7.0	3.8	11.9	0.3	9.7	0.8	1510	130	1587	96	1691	129	1691.0	129.4	89.3
13SI17-69	1337	285927	2.0	17.4	0.7	0.6	3.7	0.1	3.6	1.0	496	17	499	15	513	15	496.3	17.3	96.7
13SI17-70	153	40522	1.4	18.3	3.9	0.6	4.1	0.1	1.4	0.3	480	6	466	15	394	87	480.1	6.4	121.7
13SI17-71	61	60302	0.6	10.0	1.1	3.9	1.9	0.3	1.6	0.8	1594	23	1607	16	1624	20	1623.8	20.1	98.2
13SI17-73	218	73825	0.9	13.8	0.6	1.6	2.2	0.2	2.1	1.0	968	19	977	14	998	13	998.3	13.0	96.9
13SI17-74	198	77959	1.6	14.0	1.2	1.3	1.7	0.1	1.2	0.7	784	9	835	10	974	25	784.1	8.6	80.5
13SI17-75	1066	255081	1.7	17.5	0.8	0.6	1.0	0.1	0.7	0.7	469	3	474	4	502	17	468.6	3.0	93.4
13SI17-76	400	12146	1.0	19.1	4.9	0.2	6.7	0.0	4.6	0.7	203	9	211	13	296	112	203.2	9.2	NA
13SI17-77	96	12357	1.4	17.6	6.0	0.6	6.3	0.1	2.0	0.3	493	10	492	25	487	132	492.8	9.7	101.2
13SI17-78	1230	295849	1.1	17.5	0.7	0.6	2.0	0.1	1.8	0.9	464	8	468	7	492	15	463.6	8.3	94.3
13SI17-80	576	188171	0.9	17.5	1.0	0.6	2.8	0.1	2.6	0.9	481	12	483	11	493	22	480.8	12.2	97.6
13SI17-81	98	54327	1.3	14.5	2.4	1.3	4.0	0.1	3.3	0.8	841	26	855	23	892	49	841.1	25.7	94.3
13SI17-82	184	83690	1.6	11.6	0.8	2.4	2.6	0.2	2.5	1.0	1194	27	1248	19	1343	15	1343.4	14.5	88.9
13SI17-83	657	224862	37.0	17.3	0.9	0.6	1.4	0.1	1.0	0.7	504	5	506	6	517	21	503.5	4.9	97.4
13SI17-84	180	90798	1.3	10.0	0.7	3.9	3.4	0.3	3.4	1.0	1594	48	1604	28	1616	14	1616.4	13.5	98.6
13SI17-86	69	45452	1.2	10.0	2.0	4.0	4.8	0.3	4.3	0.9	1637	63	1634	39	1629	38	1629.1	37.9	100.5
13SI17-87	417	32424	2.1	20.2	12.4	0.1	13.1	0.0	4.1	0.3	56	2	59	8	174	291	56.0	2.3	NA
13SI17-88	279	64571	0.5	16.0	1.5	1.0	3.4	0.1	3.0	0.9	680	20	683	17	692	31	680.3	19.6	98.3
13SI17-89	53	6273	1.1	13.7	7.9	0.9	10.2	0.1	6.4	0.6	555	34	656	50	1021	161	554.7	34.3	54.4
13SI17-91	133	18874	0.8	12.3	2.2	1.9	4.1	0.2	3.5	0.9	1011	33	1083	28	1232	43	1232.3	43.0	82.0
13SI17-93	345	7759	0.5	24.2	34.3	0.0	34.7	0.0	5.0	0.1	38	2	34	12	-273	894	38.3	1.9	NA
13SI17-94	89	28810	2.0	14.6	4.6	1.1	6.2	0.1	4.2	0.7	711	29	753	33	881	94	710.9	28.5	80.7
13SI17-95	188	18307	1.4	22.4	12.1	0.1	12.6	0.0	3.5	0.3	127	4	118	14	-77	297	127.4	4.4	NA
13SI17-96	2745	674069	12.6	17.3	0.2	0.7	1.8	0.1	1.8	1.0	513	9	515	7	529	5	512.5	8.9	97.0
13SI17-97	2669	2997	0.4	20.4	4.2	0.0	13.7	0.0	13.0	1.0	43	6	45	6	149	99	42.6	5.5	NA
13SI17-98	1046	66308	1.5	20.5	2.2	0.1	2.7	0.0	1.7	0.6	123	2	124	3	136	51	122.9	2.0	NA
13SI17-100	130	5626	1.4	20.5	29.7	0.1	30.2	0.0	5.7	0.2	86	5	88	25	141	711	85.7	4.8	NA
13SI17-102	144	26051	1.1	17.5	5.1	0.6	5.2	0.1	1.3	0.2	483	6	485	20	493	112	483.1	5.8	98.0
13SI17-105	94	46599	1.4	12.5	1.8	2.2	2.0	0.2	0.8	0.4	1156	8	1169	14	1192	37	1192.0	36.5	97.0
13SI17-Spot 15	14351	22641	0.0	18.9	2.2	0.0	4.2	0.0	3.5	0.9	30	1	34	1	328	51	29.9	1.1	NA
13SI17-Spot 137	5572	21441	9.1	21.5	1.2	0.0	2.9	0.0	2.7	0.9	31	1	31	1	22	28	31.0	0.8	NA
13SI17-Spot 25	21443	67843	3.4	18.1	0.8	0.0	5.4	0.0	5.4	1.0	39	2	46	2	426	17	38.6	2.1	NA
13SI17-Spot 148	3629	42485	11.2	21.1	0.9	0.0	2.8	0.0	2.6	0.9	46	1	46	1	66	22	45.8	1.2	NA
13SI17-Spot 127	465	10869	1.2	21.4	1.9	0.0	3.3	0.0	2.7	0.8	48	1	47	2	34	45	47.7	1.3	NA
13SI17-Spot 116	2120	35203	3.0	21.0	1.0	0.1	2.4	0.0	2.2	0.9	54	1	54	1	86	24	53.5	1.2	NA

Table B1 Zircon U-Pb Crystallization ages

				Isotope ratios							Apparent ages (Ma)								
Analysis	U	206Pb	U/Th	206Pb*	±	207Pb*	±	206Pb*	±	error	206Pb*	±	207Pb*	±	206Pb*	±	Best age	±	Conc
	(ppm)	204Pb		207Pb*	(%)	235U*	(%)	238U	(%)	corr.	238U*	(Ma)	235U	(Ma)	207Pb*	(Ma)	(Ma)	(Ma)	(%)
13SI17-Spot 63	23393	86096	0.0	20.6	0.8	0.1	3.7	0.0	3.6	1.0	55	2	56	2	123	19	54.5	1.9	NA
13SI17-Spot 129	2948	36287	1.5	21.0	1.0	0.1	2.6	0.0	2.4	0.9	62	2	63	2	80	23	62.4	1.5	NA
13SI17-Spot 51	4115	27963	7.1	19.5	1.3	0.1	5.8	0.0	5.7	1.0	70	4	76	4	255	29	70.1	4.0	NA
13SI17-Spot 113	132	15877	1.4	20.0	3.4	0.1	5.4	0.0	4.2	0.8	71	3	75	4	191	78	71.4	3.0	NA
13SI17-Spot 77	906	12966	3.3	21.3	1.2	0.1	2.8	0.0	2.5	0.9	75	2	74	2	45	29	74.8	1.9	NA
13SI17-Spot 120	476	15831	0.9	21.1	1.3	0.1	2.8	0.0	2.4	0.9	76	2	76	2	72	31	75.9	1.8	NA
13SI17-Spot 119	67	31587	0.7	21.5	4.0	0.1	7.1	0.0	5.8	0.8	77	4	75	5	25	96	76.6	4.4	NA
13SI17-Spot 28	118	11502	0.8	21.1	2.8	0.1	4.6	0.0	3.7	0.8	77	3	77	3	66	68	77.4	2.8	NA
13SI17-Spot 149	5198	85287	5.9	20.2	1.0	0.1	2.5	0.0	2.3	0.9	110	3	113	3	177	24	110.3	2.5	NA
13SI17-Spot 131	439	20512	1.1	19.9	1.3	0.1	2.7	0.0	2.4	0.9	111	3	116	3	212	30	111.4	2.6	NA
13SI17-Spot 17	123	30415	4.3	20.9	2.4	0.1	5.0	0.0	4.4	0.9	115	5	114	6	96	57	115.2	5.1	NA
13SI17-Spot 2	475	15833	1.4	20.8	1.4	0.1	2.6	0.0	2.1	0.8	122	3	122	3	109	34	122.4	2.6	NA
13SI17-Spot 139	13171	80714	6.8	18.0	1.0	0.2	3.4	0.0	3.3	1.0	176	6	195	6	431	21	175.9	5.7	NA
13SI17-Spot 118	1994	1063575	5.7	17.5	0.9	0.3	4.8	0.0	4.7	1.0	276	13	301	13	501	19	276.2	12.8	NA
13SI17-Spot 8	461	56849	2.9	17.4	1.1	0.4	5.0	0.0	4.9	1.0	309	15	333	14	510	24	308.5	14.6	NA
13SI17-Spot 4	2294	495439	1.4	17.3	0.9	0.6	2.3	0.1	2.1	0.9	443	9	457	9	526	19	443.1	9.2	84.2
13SI17-Spot 64	479	90001	1.3	17.2	0.9	0.6	3.0	0.1	2.9	1.0	466	13	476	11	530	20	465.5	12.8	87.9
13SI17-Spot 123	2222	85040	1.1	17.4	0.7	0.6	2.3	0.1	2.2	1.0	466	10	474	9	515	15	465.8	9.9	90.4
13SI17-Spot 138	263	201246	1.3	17.3	1.0	0.6	2.6	0.1	2.4	0.9	477	11	484	10	521	23	476.7	11.0	91.4
13SI17-Spot 134	3096	1489149	1.1	17.3	0.8	0.6	2.6	0.1	2.4	1.0	478	11	486	10	524	18	478.1	11.3	91.3
13SI17-Spot 29	53	19916	1.0	17.3	1.7	0.6	4.5	0.1	4.2	0.9	478	20	486	18	521	36	478.4	19.5	91.9
13SI17-Spot 128	1213	363797	1.2	17.3	1.0	0.6	3.3	0.1	3.2	1.0	481	15	487	13	519	22	480.6	14.8	92.5
13SI17-Spot 69	121	55557	1.0	17.6	1.4	0.6	3.0	0.1	2.6	0.9	482	12	482	11	480	32	482.3	12.0	100.6
13SI17-Spot 81	399	59106	1.4	16.8	1.4	0.6	2.5	0.1	2.1	0.8	486	10	504	10	591	30	485.5	9.9	82.2
13SI17-Spot 141	423	246129	1.8	17.2	0.9	0.6	2.7	0.1	2.6	0.9	487	12	496	11	540	20	486.5	12.0	90.0
13SI17-Spot 9	844	72739	1.1	17.4	0.8	0.6	2.9	0.1	2.8	1.0	497	13	500	11	513	17	497.4	13.2	96.9
13SI17-Spot 143	142	37812	1.3	16.8	1.3	0.7	3.5	0.1	3.3	0.9	548	17	556	15	589	28	547.7	17.4	93.0
13SI17-Spot 65	245	18969	2.1	16.9	1.0	0.7	2.9	0.1	2.7	0.9	555	14	560	13	580	22	554.7	14.4	95.7
13SI17-Spot 55	3755	1299981	16.1	15.5	1.0	0.9	2.7	0.1	2.6	0.9	642	16	668	14	758	20	641.6	15.7	84.7
13SI17-Spot 34	143	28167	0.8	15.9	1.0	1.0	2.9	0.1	2.8	0.9	695	18	696	15	701	21	695.1	18.3	99.2
13SI17-Spot 111	763	161906	1.9	14.7	0.7	1.2	3.8	0.1	3.8	1.0	772	27	796	21	863	14	772.3	27.4	89.5
13SI17-Spot 35	377	209626	1.4	15.1	0.9	1.2	3.1	0.1	3.0	1.0	781	22	790	17	817	18	780.9	22.0	95.6
13SI17-Spot 126	1312	444022	3.4	15.0	0.8	1.2	2.8	0.1	2.6	1.0	809	20	815	15	831	17	809.4	20.0	97.4
13SI17-Spot 124	164	41199	3.2	14.1	1.1	1.4	4.2	0.1	4.1	1.0	882	34	903	25	957	22	957.1	21.7	92.1
13SI17-Spot 5	74	37163	0.3	14.0	1.2	1.4	3.9	0.1	3.7	1.0	835	29	874	23	974	24	974.1	24.0	85.7
13SI17-Spot 147	308	561096	4.1	13.8	0.8	1.4	3.0	0.1	2.9	1.0	873	24	908	18	995	16	995.3	16.2	87.7
13SI17-Spot 145	1295	597551	1.7	13.7	0.7	1.5	2.7	0.2	2.6	1.0	914	22	945	17	1016	15	1016.2	14.8	90.0
13SI17-Spot 11	202	64330	1.5	13.2	0.7	1.9	2.8	0.2	2.7	1.0	1066	26	1072	18	1084	15	1083.6	15.0	98.4
13SI17-Spot 122	1026	461281	135.3	13.1	0.9	1.6	2.4	0.2	2.2	0.9	907	19	966	15	1102	18	1102.4	17.8	82.3
13SI17-Spot 144	82	1254328	7.9	12.7	0.8	2.1	3.4	0.2	3.3	1.0	1148	35	1154	24	1165	16	1165.0	16.0	98.5
13SI17-Spot 12	254	57487	1.1	12.7	0.9	2.1	2.8	0.2	2.7	0.9	1135	28	1146	19	1169	18	1168.6	18.4	97.1
13SI17-Spot 146	816	55436	4.2	12.7	0.7	1.8	2.4	0.2	2.3	1.0	1008	22	1060	16	1170	15	1170.3	14.8	86.1
13SI17-Spot 3	282	80119	1.5	12.6	0.7	2.1	2.4	0.2	2.3	1.0	1146	24	1156	17	1175	14	1175.1	13.8	97.5
13SI17-Spot 71	230	144892	0.9	12.6	0.8	2.0	2.6	0.2	2.5	1.0	1105	25	1131	18	1181	16	1180.7	16.4	93.6
13SI17-Spot 112	1042	68002	7.2	12.5	0.8	2.0	2.2	0.2	2.0	0.9	1058	20	1106	15	1201	16	1201.4	15.5	88.0

Table B1 Zircon U-Pb Crystallization ages

				Isotope ratios							Apparent ages (Ma)								
Analysis	U	206Pb	U/Th	206Pb*	±	207Pb*	±	206Pb*	±	error	206Pb*	±	207Pb*	±	206Pb*	±	Best age	±	Conc
	(ppm)	204Pb		207Pb*	(%)	235U*	(%)	238U	(%)	corr.	238U*	(Ma)	235U	(Ma)	207Pb*	(Ma)	(Ma)	(Ma)	(%)
13SI17-Spot 83	409	226524	1.9	12.4	1.0	2.2	2.7	0.2	2.5	0.9	1157	27	1174	19	1207	19	1206.7	19.3	95.9
13SI17-Spot 32	134	31863	1.1	12.4	2.0	2.1	4.1	0.2	3.5	0.9	1132	37	1161	28	1215	40	1215.2	40.1	93.2
13SI17-Spot 88	316	88390	1.7	12.3	0.8	2.1	2.8	0.2	2.7	1.0	1104	27	1146	19	1226	15	1226.1	15.3	90.1
13SI17-Spot 78	247	229697	1.6	12.1	0.7	2.0	2.9	0.2	2.9	1.0	1068	28	1131	20	1255	13	1254.7	13.0	85.1
13SI17-Spot 70	281	82145	1.9	11.4	1.3	2.4	2.8	0.2	2.5	0.9	1182	27	1255	20	1380	24	1380.2	24.2	85.7
13SI17-Spot 135	215	71439	0.8	11.4	0.7	2.6	2.7	0.2	2.6	1.0	1230	29	1287	20	1383	14	1382.8	13.8	89.0
13SI17-Spot 20	489	120880	1.7	10.7	1.0	2.6	2.7	0.2	2.5	0.9	1207	28	1313	20	1491	19	1491.0	18.7	81.0
13SI17-Spot 121	478	115356	1.6	10.1	0.8	3.7	3.3	0.3	3.2	1.0	1556	44	1575	26	1601	15	1600.8	15.4	97.2
13SI17-Spot 117	65	50010	1.9	9.8	0.9	3.8	4.2	0.3	4.1	1.0	1535	57	1587	34	1655	17	1655.2	17.2	92.8
13SI17-Spot 45	68	51245	1.3	9.1	0.9	5.0	3.1	0.3	3.0	1.0	1845	48	1824	27	1800	17	1800.3	16.8	102.5
13SI18 -Spot 63	9847	7525	12.9	21.4	1.2	0.0	2.7	0.0	2.4	0.9	4	0	4	0	33	28	4.3	0.1	NA
13SI18 -Spot 42	321	739	178.9	33.7	29.8	0.0	29.9	0.0	3.1	0.1	7	0	5	1	1193	938	7.1	0.2	NA
13SI18 -Spot 148	437	8372	0.3	18.5	2.8	0.0	4.2	0.0	3.2	0.8	24	1	27	1	372	64	23.5	0.7	NA
13SI18 -Spot 80	48	3396	0.7	15.7	7.2	0.0	8.6	0.0	4.5	0.5	25	1	33	3	727	154	24.6	1.1	NA
13SI18 -Spot 12	672	11468	17.2	21.1	1.5	0.0	2.4	0.0	1.8	0.8	28	1	28	1	66	37	27.9	0.5	NA
13SI18 -Spot 78	174	4893	2.2	21.5	3.0	0.0	4.0	0.0	2.6	0.7	30	1	30	1	27	73	30.3	0.8	NA
13SI18 -Spot 24	764	2928	16.9	22.5	1.6	0.0	2.7	0.0	2.2	0.8	31	1	30	1	89	39	31.2	0.7	NA
13SI18 -Spot 109	236	19576	2.5	20.4	2.1	0.0	3.5	0.0	2.8	0.8	34	1	35	1	149	49	33.5	0.9	NA
13SI18 -Spot 33	299	21896	2.7	20.8	1.8	0.0	3.2	0.0	2.6	0.8	38	1	39	1	100	43	37.7	1.0	NA
13SI18 -Spot 126	71	1302	2.3	29.7	3.7	0.0	6.0	0.0	4.7	0.8	44	2	32	2	817	105	43.8	2.1	NA
13SI18 -Spot 123	1663	89373	2.9	21.0	0.8	0.0	2.5	0.0	2.3	0.9	48	1	48	1	80	20	47.5	1.1	NA
13SI18 -Spot 90	268	13330	2.7	20.7	1.9	0.0	3.0	0.0	2.3	0.8	48	1	49	1	117	45	48.0	1.1	NA
13SI18 -Spot 116	950	9036	6.1	21.2	1.2	0.1	3.7	0.0	3.5	0.9	50	2	50	2	54	29	49.5	1.7	NA
13SI18 -Spot 8	107	1889	1.5	24.6	3.6	0.0	4.6	0.0	3.0	0.6	50	2	43	2	306	91	49.8	1.5	NA
13SI18 -Spot 86	38	929	2.0	32.4	6.9	0.0	7.9	0.0	3.9	0.5	51	2	34	3	1068	208	51.4	2.0	NA
13SI18 -Spot 67	1035	27918	4.1	20.5	1.6	0.1	3.5	0.0	3.2	0.9	52	2	54	2	137	37	51.8	1.6	NA
13SI18 -Spot 23	686	13041	2.9	20.9	1.3	0.1	3.1	0.0	2.8	0.9	57	2	58	2	92	30	57.0	1.6	NA
13SI18 -Spot 47	783	17131	2.6	21.3	1.4	0.1	2.7	0.0	2.2	0.8	59	1	59	2	51	34	58.7	1.3	NA
13SI18 -Spot 61	533	6865	7.6	21.0	1.3	0.1	2.8	0.0	2.4	0.9	62	2	63	2	78	32	62.1	1.5	NA
13SI18 -Spot 77	1386	30628	2.0	20.7	1.0	0.1	2.6	0.0	2.4	0.9	64	2	65	2	111	24	64.2	1.5	NA
13SI18 -Spot 37	5521	35281	4.7	20.9	0.8	0.1	2.4	0.0	2.3	0.9	65	2	66	2	92	20	64.8	1.5	NA
13SI18 -Spot 81	82	2483	9.9	21.6	3.1	0.1	4.3	0.0	2.9	0.7	65	2	64	3	19	74	65.3	1.9	NA
13SI18 -Spot 111	182	14809	1.5	20.6	2.7	0.1	3.9	0.0	2.8	0.7	66	2	68	3	129	64	65.8	1.9	NA
13SI18 -Spot 20	554	9984	2.8	20.4	1.3	0.1	2.7	0.0	2.4	0.9	66	2	68	2	144	30	65.9	1.6	NA
13SI18 -Spot 117	361	10644	1.8	20.8	1.8	0.1	3.7	0.0	3.2	0.9	67	2	68	2	102	43	66.5	2.1	NA
13SI18 -Spot 145	170	4924	1.9	20.8	1.6	0.1	3.2	0.0	2.8	0.9	67	2	68	2	104	37	66.6	1.9	NA
13SI18 -Spot 87	576	22476	154.4	20.9	1.0	0.1	2.7	0.0	2.5	0.9	68	2	69	2	93	24	67.9	1.7	NA
13SI18 -Spot 34	351	4692	4.8	22.3	2.0	0.1	3.1	0.0	2.4	0.8	70	2	67	2	66	48	70.4	1.7	NA
13SI18 -Spot 26	343	16178	0.6	17.0	3.6	0.1	4.6	0.0	2.9	0.6	73	2	89	4	555	79	72.8	2.1	NA
13SI18 -Spot 85	439	8997	7.6	20.6	1.5	0.1	3.3	0.0	2.9	0.9	73	2	75	2	128	36	73.4	2.1	NA
13SI18 -Spot 104	318	8241	0.7	20.7	1.5	0.1	3.0	0.0	2.6	0.9	74	2	75	2	109	35	73.6	1.9	NA
13SI18 -Spot 40	390	4295	1.4	16.7	2.8	0.1	3.6	0.0	2.2	0.6	74	2	92	3	598	62	73.9	1.6	NA
13SI18 -Spot 146	1798	331447	1.2	20.8	1.0	0.1	2.8	0.0	2.6	0.9	74	2	75	2	108	24	74.0	1.9	NA
13SI18 -Spot 128	305	2489	1.0	22.1	2.6	0.1	3.2	0.0	1.8	0.6	74	1	71	2	44	64	74.1	1.3	NA
13SI18 -Spot 73	775	29658	0.8	20.8	1.3	0.1	2.8	0.0	2.5	0.9	75	2	76	2	107	31	74.8	1.8	NA

Table B1 Zircon U-Pb Crystallization ages

				Isotope ratios							Apparent ages (Ma)								
Analysis	U	206Pb	U/Th	206Pb*	±	207Pb*	±	206Pb*	±	error	206Pb*	±	207Pb*	±	206Pb*	±	Best age	±	Conc
	(ppm)	204Pb		207Pb*	(%)	235U*	(%)	238U	(%)	corr.	238U*	(Ma)	235U	(Ma)	207Pb*	(Ma)	(Ma)	(Ma)	(%)
13SI18 -Spot 91	324	16333	1.2	20.3	1.4	0.1	2.7	0.0	2.4	0.9	75	2	78	2	155	33	75.1	1.8	NA
13SI18 -Spot 32	586	14269	1.4	17.7	2.6	0.1	3.8	0.0	2.8	0.7	76	2	90	3	477	58	75.8	2.1	NA
13SI18 -Spot 48	376	5564	0.9	21.2	3.2	0.1	4.3	0.0	2.9	0.7	77	2	76	3	53	75	76.6	2.2	NA
13SI18 -Spot 65	292	50255	1.1	20.8	1.3	0.1	3.0	0.0	2.7	0.9	77	2	78	2	104	30	76.8	2.0	NA
13SI18 -Spot 56	939	9539	0.4	20.7	1.8	0.1	3.0	0.0	2.4	0.8	77	2	78	2	112	43	76.9	1.8	NA
13SI18 -Spot 82	519	5115	1.8	21.4	1.4	0.1	2.9	0.0	2.6	0.9	89	2	88	3	34	33	89.4	2.3	NA
13SI18 -Spot 136	106	4803	0.9	17.5	3.4	0.1	4.2	0.0	2.5	0.6	90	2	107	4	501	75	89.8	2.2	NA
13SI18 -Spot 55	362	17066	1.4	20.5	1.4	0.1	2.9	0.0	2.6	0.9	97	3	99	3	140	33	97.2	2.5	NA
13SI18 -Spot 38	79	6473	2.2	20.1	2.2	0.1	4.8	0.0	4.3	0.9	106	5	109	5	179	52	105.5	4.5	NA
13SI18 -Spot 83	1368	40141	5.4	21.0	0.8	0.1	2.1	0.0	1.9	0.9	108	2	106	2	75	20	107.7	2.0	NA
13SI18 -Spot 21	96	2606	1.9	21.3	2.0	0.1	3.8	0.0	3.2	0.9	114	4	111	4	46	49	114.0	3.6	NA
13SI18 -Spot 149	174	9939	1.0	20.4	1.7	0.1	4.0	0.0	3.6	0.9	127	5	128	5	145	41	126.6	4.5	NA
13SI18 -Spot 101	3949	23585	1.3	19.0	1.2	0.2	4.3	0.0	4.2	1.0	165	7	175	7	316	28	164.9	6.8	NA
13SI18 -Spot 88	733	47291	8.2	18.4	1.3	0.2	5.9	0.0	5.7	1.0	172	10	188	10	388	29	172.4	9.7	NA
13SI18 -Spot 50	233	7664	2.8	17.7	2.0	0.2	4.7	0.0	4.2	0.9	182	8	204	9	475	45	181.6	7.5	NA
13SI18 -Spot 70	842	245846	13.7	19.8	0.8	0.2	3.2	0.0	3.1	1.0	198	6	200	6	220	18	197.8	6.0	NA
13SI18 -Spot 125	898	36264	1.6	20.1	0.9	0.2	2.7	0.0	2.6	0.9	198	5	197	5	185	21	198.4	5.0	NA
13SI18 -Spot 141	206	48315	2.8	19.2	1.2	0.2	3.0	0.0	2.7	0.9	207	6	213	6	283	28	206.6	5.6	NA
13SI18 -Spot 147	164	7058	2.3	20.2	1.4	0.2	2.7	0.0	2.4	0.9	211	5	208	5	172	32	210.9	4.9	NA
13SI18 -Spot 84	1666	126624	1.2	17.6	0.7	0.4	2.9	0.1	2.8	1.0	326	9	346	9	487	16	325.6	9.0	NA
13SI18 -Spot 16	1002	4286	1.6	11.6	0.8	0.7	3.5	0.1	3.4	1.0	347	12	515	14	1350	16	347.0	11.5	NA
13SI18 -Spot 57	1473	50083	7.2	17.4	0.8	0.5	4.6	0.1	4.5	1.0	359	16	380	15	512	19	358.8	15.8	NA
13SI18 -Spot 9	1022	15828	112.1	12.6	0.9	0.7	3.5	0.1	3.4	1.0	382	13	519	14	1179	19	381.9	12.6	NA
13SI18 -Spot 142	2573	249613	3.2	17.3	0.9	0.5	4.9	0.1	4.8	1.0	393	18	412	17	517	20	393.4	18.4	NA
13SI18 -Spot 130	216	9186	1.2	17.9	1.3	0.5	3.0	0.1	2.7	0.9	398	10	406	10	451	30	397.8	10.2	NA
13SI18 -Spot 99	105	11897	1.3	17.7	1.5	0.5	3.5	0.1	3.2	0.9	404	13	414	12	470	33	403.6	12.5	85.9
13SI18 -Spot 17	987	99492	3.5	17.5	0.9	0.5	3.0	0.1	2.9	1.0	418	12	431	11	501	20	417.6	11.6	83.4
13SI18 -Spot 15	151	25480	0.8	17.2	1.1	0.6	4.3	0.1	4.2	1.0	443	18	458	16	534	24	442.8	18.0	83.0
13SI18 -Spot 118	402	94493	2.1	17.6	0.9	0.6	2.6	0.1	2.4	0.9	443	11	450	9	488	19	443.0	10.5	90.9
13SI18 -Spot 69	230	36315	1.0	17.1	1.2	0.6	2.9	0.1	2.7	0.9	444	12	460	11	543	25	443.7	11.6	81.8
13SI18 -Spot 5	272	265918	2.1	17.5	0.9	0.6	2.6	0.1	2.5	0.9	449	11	457	10	497	21	448.7	10.7	90.4
13SI18 -Spot 1	2304	375397	1.5	17.4	0.6	0.6	1.7	0.1	1.6	0.9	454	7	463	6	510	13	454.1	7.1	89.1
13SI18 -Spot 79	1770	146253	6.3	17.3	0.7	0.6	2.5	0.1	2.3	1.0	458	10	469	9	523	15	458.4	10.4	87.6
13SI18 -Spot 7	1255	280925	2.0	17.4	0.8	0.6	2.5	0.1	2.4	1.0	459	11	467	9	506	18	458.7	10.5	90.6
13SI18 -Spot 53	221	38455	0.7	17.5	0.9	0.6	3.1	0.1	2.9	1.0	461	13	466	11	493	21	460.6	12.9	93.5
13SI18 -Spot 144	870	482706	95.4	17.1	0.9	0.6	2.5	0.1	2.3	0.9	462	10	476	9	544	20	461.8	10.3	84.9
13SI18 -Spot 139	212	28583	2.4	17.8	0.9	0.6	2.9	0.1	2.8	1.0	463	12	462	11	457	19	463.1	12.3	101.2
13SI18 -Spot 4	536	52413	1.5	17.9	0.7	0.6	2.3	0.1	2.1	1.0	465	10	463	8	453	16	465.2	9.6	102.7
13SI18 -Spot 62	521	53551	66.4	17.1	0.9	0.6	3.3	0.1	3.2	1.0	466	14	480	13	550	19	465.6	14.3	84.7
13SI18 -Spot 43	714	163310	1.5	17.3	1.4	0.6	3.2	0.1	2.9	0.9	466	13	476	12	525	31	465.9	12.9	88.8
13SI18 -Spot 59	738	173386	14.5	17.4	0.8	0.6	3.3	0.1	3.2	1.0	467	14	474	12	507	17	466.7	14.3	92.1
13SI18 -Spot 98	680	1551431	3.1	17.3	0.9	0.6	2.6	0.1	2.4	0.9	470	11	480	10	528	20	469.8	10.9	89.0
13SI18 -Spot 134	647	214869	1.3	17.7	0.9	0.6	3.1	0.1	3.0	1.0	473	14	472	12	468	20	472.6	13.6	100.9
13SI18 -Spot 54	507	2464458	1.0	17.6	0.7	0.6	2.7	0.1	2.6	1.0	474	12	476	10	488	16	473.8	12.1	97.0
13SI18 -Spot 68	1139	279584	1.5	17.6	0.9	0.6	3.0	0.1	2.8	1.0	474	13	476	11	485	20	474.2	12.9	97.8

Table B1 Zircon U-Pb Crystallization ages

				Isotope ratios							Apparent ages (Ma)								
Analysis	U	206Pb	U/Th	206Pb*	±	207Pb*	±	206Pb*	±	error	206Pb*	±	207Pb*	±	206Pb*	±	Best age	±	Conc
	(ppm)	204Pb		207Pb*	(%)	235U*	(%)	238U	(%)	corr.	238U*	(Ma)	235U	(Ma)	207Pb*	(Ma)	(Ma)	(Ma)	(%)
13SI18 -Spot 13	124	93739	1.1	17.5	1.1	0.6	2.7	0.1	2.4	0.9	479	11	482	10	497	23	478.5	11.3	96.3
13SI18 -Spot 66	243	130080	1.0	17.5	0.9	0.6	2.9	0.1	2.7	1.0	482	13	484	11	493	20	482.0	12.6	97.8
13SI18 -Spot 114	226	19061	1.5	17.3	0.9	0.6	3.0	0.1	2.9	1.0	485	13	490	12	518	19	484.6	13.4	93.6
13SI18 -Spot 36	148	17362	1.7	17.7	1.0	0.6	2.9	0.1	2.7	0.9	486	13	484	11	477	23	485.6	12.6	101.7
13SI18 -Spot 76	512	157307	1.0	17.5	0.7	0.6	2.7	0.1	2.7	1.0	487	13	489	11	494	15	487.4	12.5	98.7
13SI18 -Spot 110	826	111269	3.3	17.2	0.9	0.6	2.5	0.1	2.3	0.9	489	11	498	10	537	20	489.2	11.0	91.1
13SI18 -Spot 124	689	94066	1.2	17.6	1.0	0.6	2.7	0.1	2.5	0.9	492	12	491	11	484	22	492.0	12.1	101.7
13SI18 -Spot 25	1284	161256	1.7	17.2	0.9	0.6	2.7	0.1	2.6	1.0	494	12	502	11	538	19	493.9	12.2	91.9
13SI18 -Spot 39	210	636319	1.0	17.1	0.8	0.6	2.8	0.1	2.7	1.0	499	13	508	11	552	18	498.5	13.1	90.4
13SI18 -Spot 113	2064	233476	159.8	16.5	0.9	0.7	2.7	0.1	2.5	1.0	504	12	525	11	620	18	503.8	12.2	81.2
13SI18 -Spot 75	888	520433	33.5	16.3	0.8	0.7	2.5	0.1	2.4	1.0	540	12	561	11	648	18	539.9	12.3	83.3
13SI18 -Spot 129	235	120460	2.5	16.6	0.9	0.8	3.3	0.1	3.1	1.0	614	18	613	15	612	19	613.9	18.4	100.4
13SI18 -Spot 108	568	203659	2.5	15.9	0.8	0.9	3.1	0.1	3.0	1.0	639	18	654	15	703	18	639.4	18.2	90.9
13SI18 -Spot 97	40	7218	2.4	15.3	1.2	1.0	3.2	0.1	2.9	0.9	695	19	716	16	783	26	695.3	19.1	88.8
13SI18 -Spot 143	37	11106	1.8	14.6	1.3	1.1	4.5	0.1	4.3	1.0	738	30	775	25	883	27	737.7	30.2	83.5
13SI18 -Spot 31	187	54842	2.6	15.4	1.1	1.1	3.4	0.1	3.2	1.0	757	23	759	18	766	23	757.0	22.9	98.8
13SI18 -Spot 19	423	70609	3.5	14.0	1.0	1.4	3.3	0.1	3.2	1.0	859	25	889	20	964	21	963.7	20.8	89.1
13SI18 -Spot 29	196	851916	1.1	13.9	0.8	1.6	2.9	0.2	2.8	1.0	956	25	963	18	980	17	980.2	16.8	97.5
13SI18 -Spot 112	99	36222	1.8	13.8	0.8	1.7	2.9	0.2	2.8	1.0	994	25	996	18	1001	16	1001.3	16.0	99.3
13SI18 -Spot 2	219	143221	1.5	13.7	0.8	1.6	2.4	0.2	2.2	1.0	950	20	968	15	1009	15	1009.2	15.3	94.1
13SI18 -Spot 105	50	10954	1.1	13.7	1.1	1.4	4.1	0.1	4.0	1.0	855	32	899	25	1009	23	1009.3	23.0	84.7
13SI18 -Spot 119	629	29224	1.2	13.6	0.9	1.6	2.4	0.2	2.3	0.9	959	20	982	15	1036	18	1035.6	18.0	92.6
13SI18 -Spot 45	108	58783	2.1	13.4	0.9	1.8	4.0	0.2	3.9	1.0	1060	38	1061	26	1063	19	1062.5	18.9	99.8
13SI18 -Spot 58	516	1383408	2.3	13.3	0.9	1.7	2.9	0.2	2.8	1.0	971	25	1005	19	1078	18	1078.3	17.6	90.1
13SI18 -Spot 49	126	50773	2.3	13.0	0.9	1.8	2.6	0.2	2.5	0.9	1013	23	1048	17	1122	18	1121.9	17.9	90.2
13SI18 -Spot 132	211	107114	2.8	12.8	0.8	2.0	2.7	0.2	2.6	1.0	1093	26	1112	18	1150	16	1149.5	16.3	95.1
13SI18 -Spot 122	246	95673	121.7	12.7	0.7	1.9	3.0	0.2	2.9	1.0	1052	28	1092	20	1172	14	1171.8	14.3	89.8
13SI18 -Spot 100	190	148644	1.9	12.5	0.8	2.1	3.2	0.2	3.1	1.0	1130	32	1151	22	1191	16	1191.3	16.2	94.8
13SI18 -Spot 137	507	171886	5.1	12.5	1.1	1.8	2.9	0.2	2.7	0.9	993	25	1057	19	1193	21	1192.5	21.2	83.3
13SI18 -Spot 94	539	310682	5.0	12.4	0.8	1.8	2.9	0.2	2.8	1.0	994	26	1062	19	1205	15	1204.9	15.0	82.5
13SI18 -Spot 44	72	36894	1.0	12.1	0.6	2.4	2.7	0.2	2.7	1.0	1227	30	1239	20	1261	12	1260.8	11.5	97.3
13SI18 -Spot 138	181	192299	44.5	11.8	0.9	2.2	2.8	0.2	2.6	1.0	1111	27	1178	20	1305	18	1304.6	17.7	85.1
13SI18 -Spot 140	1889	1321177	7.4	11.8	0.8	2.6	2.6	0.2	2.5	1.0	1272	29	1287	19	1311	16	1311.3	15.9	97.0
13SI18 -Spot 92	294	1104118	1.8	11.6	0.9	2.2	2.4	0.2	2.3	0.9	1087	23	1174	17	1337	18	1337.2	17.9	81.3
13SI18 -Spot 14	127	95280	1.9	11.4	0.8	2.8	2.8	0.2	2.7	1.0	1344	32	1357	21	1379	16	1378.9	16.0	97.4
13SI18 -Spot 27	165	35287	1.4	11.4	0.9	2.7	3.0	0.2	2.8	1.0	1314	34	1340	22	1383	17	1383.1	16.7	95.0
13SI18 -Spot 93	291	292856	3.7	11.1	0.8	3.0	2.4	0.2	2.3	1.0	1379	28	1397	18	1424	15	1424.4	14.9	96.8
13SI18 -Spot 74	85	73930	1.3	11.1	0.8	3.0	3.1	0.2	3.0	1.0	1399	38	1412	24	1431	15	1430.8	15.4	97.8
13SI18 -Spot 120	278	43072	1.1	10.9	1.0	3.0	3.1	0.2	2.9	1.0	1368	36	1402	23	1454	18	1453.7	18.2	94.1
13SI18 -Spot 72	163	35545	2.5	10.7	1.0	2.9	3.0	0.2	2.8	1.0	1319	34	1391	23	1504	19	1504.2	18.5	87.7
13SI18 -Spot 131	372	101923	7.9	10.5	0.8	2.8	2.3	0.2	2.2	0.9	1247	25	1353	18	1525	15	1525.2	14.7	81.7
13SI18 -Spot 35	159	51493	1.0	10.5	1.0	3.2	3.6	0.2	3.4	1.0	1421	44	1468	28	1536	18	1536.2	18.0	92.5
13SI18 -Spot 22	64	344049	2.7	10.3	0.8	3.5	3.6	0.3	3.5	1.0	1509	47	1534	28	1569	15	1568.7	15.4	96.2
13SI18 -Spot 60	136	65366	1.3	10.3	0.8	3.5	2.8	0.3	2.7	1.0	1501	36	1529	22	1569	15	1568.8	15.1	95.7
13SI18 -Spot 107	104	22014	1.3	10.3	0.8	3.6	2.7	0.3	2.6	1.0	1529	35	1549	22	1577	15	1576.5	15.3	97.0

Table B1 Zircon U-Pb Crystallization ages

				Isotope ratios							Apparent ages (Ma)								
Analysis	U	206Pb	U/Th	206Pb*	±	207Pb*	±	206Pb*	±	error	206Pb*	±	207Pb*	±	206Pb*	±	Best age	±	Conc
	(ppm)	204Pb		207Pb*	(%)	235U*	(%)	238U	(%)	corr.	238U*	(Ma)	235U	(Ma)	207Pb*	(Ma)	(Ma)	(Ma)	(%)
13SI18 -Spot 41	221	345320	1.8	10.0	0.9	3.8	2.6	0.3	2.4	0.9	1566	33	1590	21	1622	16	1621.6	16.2	96.6
13SI18 -Spot 127	334	67549	5.7	9.8	0.8	3.4	2.6	0.2	2.5	1.0	1388	31	1497	21	1653	14	1653.1	14.4	84.0
13SI18 -Spot 52	219	40065	1.2	9.8	0.9	3.7	3.4	0.3	3.3	1.0	1525	45	1580	27	1654	18	1653.6	17.6	92.2
13SI18 -Spot 89	214	115830	7.0	9.8	0.9	4.1	5.1	0.3	5.0	1.0	1636	73	1651	42	1671	17	1670.7	16.8	97.9
13SI18 -Spot 46	366	447057	1.7	9.6	1.1	4.2	3.1	0.3	2.9	0.9	1664	42	1681	25	1702	20	1702.1	20.3	97.8
13SI18 -Spot 135	116	19463	2.0	9.1	0.7	4.5	2.9	0.3	2.8	1.0	1695	42	1740	24	1794	13	1793.9	13.2	94.5
13SI21-1	223	75384	1.8	17.8	4.4	0.6	4.9	0.1	2.2	0.5	488	11	483	19	461	98	488.1	10.5	105.9
13SI21-2	1025	137709	95.6	16.9	1.1	0.7	3.5	0.1	3.4	1.0	515	17	526	15	571	24	515.3	16.7	90.2
13SI21-3	104	26061	0.8	18.0	7.4	0.6	9.0	0.1	5.1	0.6	481	24	473	34	435	165	481.3	23.9	110.6
13SI21-4	1497	114118	13.1	16.9	0.6	0.5	2.6	0.1	2.5	1.0	384	9	413	9	579	14	383.6	9.3	NA
13SI21-7	389	167011	11.1	9.7	0.5	3.6	2.9	0.3	2.8	1.0	1443	37	1540	23	1676	9	1676.1	8.9	86.1
13SI21-8	1205	16935	3.5	21.2	8.5	0.1	8.8	0.0	2.2	0.3	51	1	51	4	55	204	50.6	1.1	NA
13SI21-11	195	93064	2.3	9.9	1.8	3.2	4.6	0.2	4.3	0.9	1353	52	1468	36	1638	34	1638.0	33.9	82.6
13SI21-15	1347	209422	84.9	17.2	1.1	0.6	7.8	0.1	7.8	1.0	495	37	501	31	529	24	494.5	37.0	93.5
13SI21-18	894	99188	2.5	17.4	1.7	0.5	4.1	0.1	3.7	0.9	380	14	400	14	515	38	380.4	13.7	NA
13SI21-19	150	23499	0.8	13.8	2.6	1.6	7.8	0.2	7.4	0.9	965	66	974	49	995	52	995.3	52.3	96.9
13SI21-20	211	62272	2.5	14.9	1.3	1.1	4.5	0.1	4.3	1.0	753	31	775	24	840	28	752.6	30.5	89.6
13SI21-21	129	100055	1.3	13.5	2.1	1.8	3.2	0.2	2.3	0.7	1021	22	1028	20	1041	43	1041.0	43.0	98.1
13SI21-22	482	100327	7.0	15.1	0.8	1.3	2.4	0.1	2.3	1.0	835	18	830	14	817	17	835.1	17.9	102.2
13SI21-23	507	129459	1.5	17.4	1.3	0.7	2.8	0.1	2.5	0.9	530	13	528	12	516	28	530.3	12.7	102.9
13SI21-24	137	32192	2.0	17.1	2.9	0.7	8.6	0.1	8.1	0.9	506	39	513	35	544	64	505.5	39.2	92.9
13SI21-25	149	55872	1.3	12.6	1.1	2.1	2.0	0.2	1.7	0.9	1153	18	1162	14	1178	21	1178.4	21.1	97.9
13SI21-26	318	16714	0.8	11.2	0.6	2.9	8.6	0.2	8.6	1.0	1350	105	1376	65	1418	12	1418.0	11.8	95.2
13SI21-28	395	63331	3.0	15.1	1.7	1.2	8.8	0.1	8.7	1.0	765	63	779	48	820	35	765.2	62.5	93.4
13SI21-29	262	104390	1.2	14.0	1.4	1.6	3.9	0.2	3.6	0.9	988	33	983	24	971	28	970.8	28.3	101.7
13SI21-30	354	164153	4.6	17.0	1.4	0.7	4.7	0.1	4.5	1.0	501	22	511	19	557	31	500.6	21.8	89.9
13SI21-32	133	31175	1.0	17.4	5.8	0.7	6.4	0.1	2.8	0.4	515	14	514	26	514	127	514.5	14.1	100.2
13SI21-35	125	297835	2.2	7.1	1.3	6.9	4.2	0.4	4.0	1.0	1968	68	2100	37	2231	22	2231.4	22.0	88.2
13SI21-36	341	168041	1.8	12.8	0.8	2.0	2.6	0.2	2.4	1.0	1104	25	1117	17	1143	16	1142.7	16.2	96.6
13SI21-37	182	76643	2.0	12.7	1.0	1.9	1.4	0.2	1.0	0.7	1038	9	1082	9	1172	20	1172.1	20.3	88.6
13SI21-38	142	49517	1.3	13.1	1.7	2.0	3.3	0.2	2.8	0.9	1145	29	1129	22	1098	35	1097.9	35.0	104.3
13SI21-39	182	45651	1.1	13.8	1.1	1.7	3.3	0.2	3.1	0.9	1011	29	1005	21	993	23	993.1	22.9	101.8
13SI21-40	207	58620	0.9	17.7	2.7	0.6	4.4	0.1	3.5	0.8	499	17	493	17	467	59	498.7	16.6	106.7
13SI21-41	102	21454	1.0	17.6	6.1	0.7	6.8	0.1	3.1	0.5	556	17	543	29	489	135	555.7	16.6	113.7
13SI21-42	72	27124	1.2	13.9	4.7	1.7	5.6	0.2	3.0	0.5	997	28	991	35	977	96	977.0	96.2	102.1
13SI21-43	529	92532	3.1	17.3	0.9	0.6	2.3	0.1	2.2	0.9	440	9	455	9	529	19	440.2	9.2	83.3
13SI21-44	60	17053	1.6	14.0	4.9	1.6	6.0	0.2	3.5	0.6	976	31	974	37	968	99	967.5	99.1	100.9
13SI21-45	337	139565	1.4	17.4	1.5	0.6	2.0	0.1	1.4	0.7	493	7	496	8	514	32	492.5	6.5	95.8
13SI21-47	74	40420	0.9	10.1	1.7	4.0	4.4	0.3	4.0	0.9	1667	59	1637	35	1599	31	1599.1	30.8	104.3
13SI21-49	250	73717	2.0	13.6	1.8	1.7	1.9	0.2	0.6	0.3	983	6	998	12	1032	35	1032.1	35.4	95.3
13SI21-50	185	56843	1.2	17.3	4.4	0.6	5.4	0.1	3.1	0.6	489	15	495	21	521	97	489.3	14.7	94.0
13SI21-51	71	2632	0.7	15.2	29.3	0.6	30.3	0.1	8.0	0.3	439	34	501	121	796	627	438.6	33.8	55.1
13SI21-52	240	81987	1.1	13.8	1.2	1.4	3.6	0.1	3.4	0.9	835	27	881	21	999	24	999.2	24.1	83.5
13SI21-53	152	185721	1.3	10.0	0.4	4.0	1.6	0.3	1.6	1.0	1629	22	1631	13	1633	8	1632.6	8.2	99.8
13SI21-54	808	60943	1.2	17.3	1.3	0.6	4.9	0.1	4.7	1.0	469	21	477	19	518	29	468.5	21.3	90.4

Table B1 Zircon U-Pb Crystallization ages

				Isotope ratios							Apparent ages (Ma)								
Analysis	U (ppm)	206Pb 204Pb	U/Th	206Pb* 207Pb*	± (%)	207Pb* 235U*	± (%)	206Pb* 238U	± (%)	error corr.	206Pb* 238U*	± (Ma)	207Pb* 235U	± (Ma)	206Pb* 207Pb*	± (Ma)	Best age (Ma)	± (Ma)	Conc (%)
13SI21-56	251	38388	1.0	17.7	1.8	0.6	9.1	0.1	8.9	1.0	503	43	497	36	471	39	502.7	43.2	106.7
13SI21-58	367	16598	1.7	17.4	2.9	0.5	3.5	0.1	2.0	0.6	410	8	426	12	514	64	409.9	8.0	79.8
13SI21-59	178	10285	1.1	21.1	16.5	0.1	16.9	0.0	3.7	0.2	129	5	126	20	73	394	129.0	4.7	NA
13SI21-60	248	32622	1.0	13.8	0.7	1.6	1.3	0.2	1.1	0.8	966	10	978	8	1006	15	1006.0	14.7	96.0
13SI21-61	907	2985	24.1	33.4	41.2	0.0	42.0	0.0	8.5	0.2	9	1	6	3	-1167	#####	9.1	0.8	NA
13SI21-62	86	20824	0.8	9.9	1.8	3.7	2.0	0.3	1.0	0.5	1509	13	1565	16	1641	33	1640.8	33.0	92.0
13SI21-63	85	174629	1.0	9.7	1.0	4.5	2.3	0.3	2.1	0.9	1753	32	1722	19	1684	18	1684.4	18.1	104.1
13SI21-66	776	215342	2.1	17.4	1.3	0.6	3.3	0.1	3.1	0.9	495	15	498	13	509	29	495.0	14.6	97.2
13SI21-67	721	66195	1.2	13.6	0.3	1.6	0.9	0.2	0.8	0.9	923	7	953	6	1022	7	1021.7	6.5	90.3
13SI21-69	389	58305	0.6	17.4	2.7	0.6	4.3	0.1	3.3	0.8	469	15	476	16	509	60	469.3	15.1	92.2
13SI21-71	1353	3961	2.3	11.3	1.2	0.5	3.6	0.0	3.5	1.0	262	9	417	12	1396	22	262.2	8.9	NA
13SI21-72	523	121466	1.0	17.4	0.7	0.6	1.9	0.1	1.7	0.9	484	8	488	7	506	15	484.3	8.1	95.8
13SI21-73	448	79599	10.2	17.4	2.4	0.7	7.8	0.1	7.4	1.0	534	38	528	32	504	53	533.7	38.0	105.9
13SI21-75	59	33950	0.8	12.7	3.2	2.0	3.6	0.2	1.6	0.5	1113	17	1130	24	1163	63	1163.2	63.0	95.6
13SI21-76	243	178842	0.6	10.2	0.4	3.7	2.2	0.3	2.1	1.0	1549	29	1567	17	1591	7	1591.1	7.3	97.4
13SI21-77	396	101550	1.3	14.1	2.1	0.9	6.5	0.1	6.2	1.0	572	34	658	32	961	43	572.4	33.9	59.5
13SI21-78	591	95998	4.7	16.2	0.8	0.7	1.9	0.1	1.8	0.9	527	9	554	8	667	18	527.1	8.9	79.0
13SI21-79	336	128114	2.0	13.8	1.1	1.5	4.6	0.1	4.5	1.0	894	37	924	28	996	23	995.9	23.2	89.7
13SI21-81	370	94915	1.3	15.0	1.2	1.2	2.8	0.1	2.5	0.9	815	19	818	16	826	26	814.5	19.2	98.6
13SI21-82	586	127465	2.1	17.3	1.5	0.6	4.1	0.1	3.8	0.9	495	18	499	16	517	34	495.4	18.2	95.9
13SI21-83	230	38842	0.9	17.8	3.4	0.6	4.9	0.1	3.4	0.7	484	16	480	19	460	76	484.3	16.1	105.2
13SI21-84	2098	748820	1.5	17.4	0.5	0.5	6.0	0.1	6.0	1.0	424	25	437	22	506	10	424.1	24.7	83.8
13SI21-86	109	40685	1.2	13.9	2.1	1.7	3.0	0.2	2.1	0.7	994	20	991	19	984	43	984.4	43.2	101.0
13SI21-87	754	38372	23.3	15.9	1.3	0.5	6.1	0.1	5.9	1.0	351	20	402	20	703	28	351.3	20.3	NA
13SI21-88	940	145045	0.9	17.7	0.7	0.7	5.8	0.1	5.8	1.0	538	30	526	24	473	16	538.2	29.9	113.9
13SI21-89	132	23529	1.7	17.6	5.7	0.6	7.5	0.1	4.9	0.7	470	22	473	29	487	127	470.4	22.3	96.6
13SI21-90	309	55159	1.0	17.2	2.7	0.6	2.9	0.1	1.1	0.4	472	5	482	11	531	59	471.7	4.9	88.9
13SI21-92	520	124452	1.3	12.7	0.6	2.1	4.2	0.2	4.1	1.0	1122	43	1134	29	1158	11	1157.9	11.0	96.9
13SI21-95	90	25068	0.5	17.9	4.8	0.6	6.1	0.1	3.7	0.6	486	18	479	23	447	107	485.5	17.5	108.6
13SI21-96	139	49736	3.8	11.2	2.0	2.7	2.8	0.2	2.0	0.7	1274	23	1326	21	1411	38	1410.5	38.1	90.3
13SI21-97	162	44470	1.5	11.2	1.1	2.4	3.2	0.2	2.9	0.9	1137	31	1236	23	1414	22	1413.7	21.8	80.4
13SI21-98	2101	342018	1.4	17.4	0.4	0.7	3.6	0.1	3.6	1.0	526	18	523	15	507	8	526.1	18.0	103.8
13SI21-99	63	42727	0.4	9.5	2.5	4.3	6.0	0.3	5.4	0.9	1672	80	1691	49	1715	46	1715.3	45.6	97.5
13SI21-100	72	16887	0.5	19.7	9.9	0.5	10.3	0.1	2.9	0.3	484	13	442	37	228	228	483.6	13.4	212.6
13SI21-101	299	131248	0.9	10.1	0.4	3.3	1.7	0.2	1.7	1.0	1386	21	1479	13	1615	7	1614.7	7.3	85.9
13SI21-102	491	99455	1.5	17.3	1.2	0.6	1.5	0.1	0.8	0.6	465	4	475	6	523	27	465.1	3.8	88.9
13SI21-103	494	25762	1.2	14.2	0.8	1.5	4.7	0.2	4.6	1.0	913	39	920	28	939	16	938.8	16.3	97.2
13SI21-105	797	14800	2.6	17.2	1.0	0.6	3.1	0.1	2.9	0.9	464	13	476	12	534	22	464.3	13.0	87.0
13SI21-107	384	170916	1.3	17.6	1.8	0.6	4.1	0.1	3.7	0.9	486	17	487	16	489	39	486.3	17.3	99.4
13SI21-109	151	17468	1.1	17.5	6.3	0.6	7.5	0.1	4.0	0.5	463	18	469	28	497	139	463.4	17.8	93.2
13SI21-110	222	40039	8.8	15.7	2.2	0.7	6.9	0.1	6.6	1.0	513	32	555	30	728	46	513.2	32.4	70.5
13SI21-111	404	9226	7.6	24.4	18.9	0.0	19.8	0.0	6.1	0.3	52	3	45	9	-292	485	51.6	3.1	NA
13SI21-Spot 72	1227	3376	80.3	19.0	4.6	0.0	5.1	0.0	2.3	0.5	11	0	13	1	309	104	11.0	0.3	NA
13SI21-Spot 106	1331	6166	42.2	22.2	3.2	0.0	4.0	0.0	2.3	0.6	15	0	15	1	49	78	15.3	0.4	NA
13SI21-Spot 15	2527	8295	97.6	21.5	1.4	0.0	2.1	0.0	1.6	0.8	18	0	18	0	23	34	18.4	0.3	NA

Table B1 Zircon U-Pb Crystallization ages

				Isotope ratios							Apparent ages (Ma)								
Analysis	U	206Pb	U/Th	206Pb*	±	207Pb*	±	206Pb*	±	error	206Pb*	±	207Pb*	±	206Pb*	±	Best age	±	Conc
	(ppm)	204Pb		207Pb*	(%)	235U*	(%)	238U	(%)	corr.	238U*	(Ma)	235U	(Ma)	207Pb*	(Ma)	(Ma)	(Ma)	(%)
13SI21-Spot 147	520	25328	5.9	21.3	2.7	0.0	3.5	0.0	2.1	0.6	21	1	22	1	46	65	21.4	0.5	NA
13SI21-Spot 28	933	30735	11.5	17.7	1.2	0.1	2.7	0.0	2.5	0.9	43	1	52	1	476	26	43.2	1.1	NA
13SI21-Spot 125	1751	20661	15.2	21.1	1.1	0.0	2.4	0.0	2.1	0.9	49	1	49	1	69	26	48.7	1.0	NA
13SI21-Spot 118	1489	110971	12.4	17.9	0.9	0.1	3.2	0.0	3.0	1.0	108	3	124	4	446	21	108.1	3.3	NA
13SI21-Spot 108	523	25490	2.1	14.5	2.8	0.2	3.6	0.0	2.1	0.6	135	3	186	6	905	59	134.5	2.8	NA
13SI21-Spot 101	580	106759	1.8	19.7	0.8	0.2	2.4	0.0	2.2	0.9	160	4	165	4	228	19	160.1	3.6	NA
13SI21-Spot 137	1730	38186	23.3	15.0	1.3	0.3	3.6	0.0	3.3	0.9	195	6	252	8	822	26	195.4	6.4	NA
13SI21-Spot 87	10228	20157	1.0	16.9	0.6	0.3	2.4	0.0	2.4	1.0	197	5	228	5	568	13	196.6	4.6	NA
13SI21-Spot 30	237	9135	8.5	17.9	1.4	0.2	3.0	0.0	2.7	0.9	199	5	219	6	443	32	199.1	5.2	NA
13SI21-Spot 33	374	4434	2.2	18.6	3.1	0.2	5.3	0.0	4.2	0.8	208	9	221	11	362	71	208.0	8.7	NA
13SI21-Spot 58	493	79853	76.1	17.2	0.9	0.3	2.7	0.0	2.6	1.0	210	5	240	6	540	19	210.1	5.3	NA
13SI21-Spot 122	183	39321	2.6	17.4	1.2	0.3	4.4	0.0	4.2	1.0	258	11	284	11	508	27	257.5	10.6	NA
13SI21-Spot 78	4186	14244	1.7	16.4	1.0	0.4	2.4	0.0	2.2	0.9	273	6	315	7	632	21	273.4	5.9	NA
13SI21-Spot 142	253	250884	3.7	17.1	1.2	0.4	2.7	0.0	2.4	0.9	286	7	316	8	548	27	285.5	6.8	NA
13SI21-Spot 80	3877	123454	1.9	17.3	0.9	0.4	6.4	0.1	6.3	1.0	317	20	343	19	528	20	316.5	19.5	NA
13SI21-Spot 27	244	19434	3.5	17.7	1.0	0.4	6.0	0.1	5.9	1.0	347	20	365	18	478	22	347.0	19.8	NA
13SI21-Spot 150	335	65926	3.7	18.3	0.9	0.4	2.8	0.1	2.7	1.0	356	9	362	9	395	19	356.3	9.3	NA
13SI21-Spot 103	2223	656840	36.9	17.2	0.6	0.5	2.1	0.1	2.0	1.0	380	7	402	7	529	13	380.0	7.4	NA
13SI21-Spot 13	1130	77860	2.6	17.5	0.6	0.5	3.7	0.1	3.7	1.0	384	14	401	12	499	14	383.8	13.7	NA
13SI21-Spot 7	188	13234	1.9	17.5	0.9	0.5	2.6	0.1	2.4	0.9	387	9	403	9	494	19	387.4	9.1	NA
13SI21-Spot 20	644	291109	2.8	17.3	0.8	0.5	2.7	0.1	2.6	1.0	393	10	412	9	524	17	392.6	9.9	NA
13SI21-Spot 42	2600	82857	1.1	17.5	0.7	0.5	4.4	0.1	4.4	1.0	407	17	422	15	502	15	407.0	17.3	81.0
13SI21-Spot 105	1132	164522	2.0	17.6	0.7	0.5	2.1	0.1	2.0	1.0	413	8	423	7	480	14	412.8	8.1	86.0
13SI21-Spot 51	865	44521	2.0	17.6	0.8	0.5	2.5	0.1	2.4	1.0	420	10	430	9	488	18	419.5	9.8	86.0
13SI21-Spot 6	1710	130090	2.0	17.7	0.8	0.5	2.1	0.1	1.9	0.9	423	8	431	7	472	17	423.2	7.9	89.6
13SI21-Spot 18	1276	46746	1.5	17.4	0.8	0.6	2.7	0.1	2.6	1.0	444	11	456	10	512	17	444.4	11.1	86.8
13SI21-Spot 70	2002	4561240	1.4	17.5	0.6	0.6	2.0	0.1	1.9	1.0	445	8	454	7	498	13	444.9	8.3	89.3
13SI21-Spot 82	1673	36701	1.9	17.1	0.8	0.6	2.1	0.1	2.0	0.9	447	9	464	8	545	17	447.2	8.5	82.0
13SI21-Spot 97	115	3194	0.7	17.5	1.4	0.6	3.0	0.1	2.7	0.9	449	12	456	11	492	31	449.1	11.6	91.3
13SI21-Spot 131	342	55789	1.2	17.4	0.9	0.6	2.4	0.1	2.2	0.9	450	10	460	9	509	19	450.4	9.6	88.5
13SI21-Spot 113	428	21782	2.3	17.6	0.7	0.6	2.1	0.1	2.0	1.0	451	9	457	8	488	15	450.8	8.8	92.3
13SI21-Spot 149	311	24017	2.0	17.3	0.8	0.6	2.3	0.1	2.1	0.9	452	9	465	9	528	19	451.9	9.4	85.6
13SI21-Spot 104	5049	1105570	0.7	17.6	0.8	0.6	2.0	0.1	1.9	0.9	452	8	457	8	480	17	452.4	8.2	94.3
13SI21-Spot 94	2029	224506	5.3	17.3	0.7	0.6	2.6	0.1	2.5	1.0	454	11	466	10	525	15	453.7	11.2	86.4
13SI21-Spot 19	1172	163262	1.7	17.7	1.0	0.6	2.5	0.1	2.3	0.9	455	10	458	9	478	22	454.5	10.1	95.2
13SI21-Spot 117	772	273844	1.5	17.6	0.8	0.6	2.2	0.1	2.1	0.9	457	9	462	8	487	18	457.2	9.1	93.9
13SI21-Spot 126	514	17441	0.8	17.3	1.2	0.6	2.5	0.1	2.2	0.9	459	10	470	10	525	25	458.6	10.0	87.4
13SI21-Spot 50	1207	133723	1.4	17.6	0.8	0.6	2.3	0.1	2.1	0.9	460	10	465	9	490	17	459.5	9.5	93.7
13SI21-Spot 62	1952	386849	1.3	17.5	0.8	0.6	1.9	0.1	1.8	0.9	461	8	467	7	496	17	460.5	7.9	92.8
13SI21-Spot 71	3200	74040	6.8	17.2	0.7	0.6	1.9	0.1	1.8	0.9	462	8	474	7	534	15	461.5	7.9	86.4
13SI21-Spot 77	227	75102	1.2	17.2	0.9	0.6	2.3	0.1	2.1	0.9	466	10	479	9	538	20	466.2	9.5	86.6
13SI21-Spot 130	388	40895	1.7	17.6	0.9	0.6	2.4	0.1	2.2	0.9	467	10	470	9	482	19	467.3	10.1	97.0
13SI21-Spot 92	121	24151	1.0	16.9	1.3	0.6	2.8	0.1	2.5	0.9	468	11	486	11	571	28	468.1	11.3	82.0
13SI21-Spot 89	2991	541770	1.1	17.5	0.7	0.6	2.0	0.1	1.9	1.0	470	9	474	8	493	14	470.4	8.7	95.5
13SI21-Spot 121	1778	458500	2.4	17.5	0.7	0.6	1.9	0.1	1.8	0.9	472	8	477	7	500	15	471.8	8.0	94.3

Table B1 Zircon U-Pb Crystallization ages

				Isotope ratios							Apparent ages (Ma)								
Analysis	U (ppm)	206Pb 204Pb	U/Th	206Pb* 207Pb*	± (%)	207Pb* 235U*	± (%)	206Pb* 238U	± (%)	error corr.	206Pb* 238U*	± (Ma)	207Pb* 235U	± (Ma)	206Pb* 207Pb*	± (Ma)	Best age (Ma)	± (Ma)	Conc (%)
13SI21-Spot 135	523	41922	9.4	17.8	0.7	0.6	1.9	0.1	1.8	0.9	472	8	470	7	461	15	471.8	8.0	102.4
13SI21-Spot 86	403	183137	1.8	17.6	0.8	0.6	2.1	0.1	1.9	0.9	474	9	476	8	484	18	474.1	8.7	97.9
13SI21-Spot 36	176	16959	1.6	17.4	0.9	0.6	2.7	0.1	2.5	1.0	474	12	480	10	508	19	474.3	11.5	93.4
13SI21-Spot 9	8399	232258	3.2	17.8	0.8	0.6	2.7	0.1	2.5	1.0	475	12	472	10	460	18	474.7	11.6	103.1
13SI21-Spot 79	159	49669	1.8	17.3	1.0	0.6	2.8	0.1	2.6	0.9	475	12	483	11	520	22	475.2	11.9	91.3
13SI21-Spot 139	541	33661	2.5	17.5	0.7	0.6	2.2	0.1	2.1	1.0	476	10	480	8	502	15	475.5	9.5	94.8
13SI21-Spot 107	637	156254	14.3	16.9	0.9	0.6	2.5	0.1	2.4	0.9	476	11	493	10	573	19	476.0	10.9	83.1
13SI21-Spot 67	82	517113	1.0	17.3	1.4	0.6	3.8	0.1	3.6	0.9	476	17	483	15	516	30	476.0	16.5	92.2
13SI21-Spot 83	1503	72631	1.4	17.6	0.7	0.6	2.2	0.1	2.1	1.0	476	10	478	8	488	15	476.4	9.5	97.7
13SI21-Spot 84	244	32181	0.5	17.5	0.8	0.6	2.0	0.1	1.8	0.9	477	8	480	8	498	18	476.5	8.4	95.7
13SI21-Spot 23	439	34160	1.0	17.7	0.7	0.6	1.8	0.1	1.7	0.9	477	8	476	7	466	16	477.3	7.7	102.3
13SI21-Spot 12	423	81710	1.2	17.6	0.8	0.6	2.3	0.1	2.1	0.9	483	10	483	9	485	18	483.1	10.0	99.7
13SI21-Spot 114	195	1083636	1.2	17.4	0.7	0.6	2.7	0.1	2.6	1.0	485	12	490	10	514	15	484.5	12.1	94.4
13SI21-Spot 2	784	163330	2.7	17.6	0.7	0.6	2.1	0.1	2.0	0.9	485	9	484	8	482	16	484.6	9.3	100.6
13SI21-Spot 24	304	266079	0.6	17.5	1.0	0.6	2.7	0.1	2.5	0.9	487	12	489	10	497	22	487.2	11.7	98.0
13SI21-Spot 49	188	14236	1.0	17.6	1.1	0.6	2.6	0.1	2.4	0.9	489	11	487	10	480	24	488.9	11.1	101.9
13SI21-Spot 136	179	25120	1.1	17.4	1.0	0.6	2.9	0.1	2.7	0.9	491	13	496	11	514	21	491.4	12.8	95.5
13SI21-Spot 35	248	30189	2.4	17.4	0.8	0.6	1.9	0.1	1.8	0.9	496	8	497	8	504	17	495.8	8.4	98.5
13SI21-Spot 109	244	20060	1.1	17.5	0.8	0.6	2.2	0.1	2.1	0.9	497	10	496	9	492	17	497.2	10.0	101.0
13SI21-Spot 29	729	39079	273.7	17.2	0.8	0.6	2.0	0.1	1.9	0.9	498	9	504	8	530	18	498.1	9.0	94.0
13SI21-Spot 73	345	23741	1.2	17.1	0.9	0.7	2.3	0.1	2.1	0.9	503	10	510	9	543	19	502.9	10.4	92.5
13SI21-Spot 120	434	145147	16.5	16.5	0.6	0.7	1.9	0.1	1.8	0.9	511	9	533	8	629	14	511.1	9.0	81.3
13SI21-Spot 133	52	96244	146.6	16.9	1.3	0.7	3.6	0.1	3.4	0.9	516	17	528	15	578	28	515.9	16.7	89.2
13SI21-Spot 59	1713	143906	38.9	17.1	0.8	0.7	1.8	0.1	1.7	0.9	531	9	535	8	554	17	531.0	8.5	95.9
13SI21-Spot 76	257	14104	44.8	17.4	0.9	0.7	1.8	0.1	1.6	0.9	533	8	528	8	509	19	532.7	8.2	104.7
13SI21-Spot 37	562	7744259	1.5	17.0	0.7	0.7	2.4	0.1	2.3	1.0	546	12	548	10	556	16	546.1	12.0	98.2
13SI21-Spot 34	859	124365	4.5	15.5	1.0	0.9	2.5	0.1	2.3	0.9	635	14	661	12	754	20	634.5	13.7	84.1
13SI21-Spot 68	955	241622	12.9	15.3	0.5	1.1	2.0	0.1	1.9	1.0	711	13	729	10	786	11	711.1	12.8	90.5
13SI21-Spot 119	535	164666	1.4	15.3	0.7	1.1	1.8	0.1	1.7	0.9	724	12	741	10	791	16	724.4	11.5	91.6
13SI21-Spot 17	520	951490	1.9	15.2	0.8	1.1	2.3	0.1	2.2	0.9	727	15	746	12	803	18	726.6	15.0	90.4
13SI21-Spot 25	354	78794	1.6	14.3	0.7	1.2	2.3	0.1	2.2	1.0	757	16	802	13	927	15	757.0	15.6	81.7
13SI21-Spot 38	27	2536	1.7	14.5	1.7	1.2	6.5	0.1	6.3	1.0	778	46	810	36	901	35	777.8	46.2	86.4
13SI21-Spot 116	1714	400854	3.9	15.0	0.6	1.2	1.6	0.1	1.5	0.9	780	11	791	9	822	12	780.0	11.3	94.9
13SI21-Spot 98	240	31466	1.8	15.2	0.8	1.2	2.5	0.1	2.3	1.0	805	18	803	14	798	16	804.5	17.7	100.8
13SI21-Spot 81	287	61947	1.9	14.2	0.6	1.4	2.3	0.1	2.2	1.0	863	18	885	14	940	12	940.1	12.0	91.7
13SI21-Spot 54	266	914917	1.5	14.0	0.8	1.6	2.3	0.2	2.2	0.9	963	19	965	14	969	16	968.5	15.5	99.5
13SI21-Spot 140	289	78642	1.6	13.9	0.8	1.5	2.4	0.2	2.3	1.0	915	20	935	15	980	16	980.3	15.5	93.4
13SI21-Spot 112	420	57535	2.7	13.9	0.7	1.5	2.0	0.2	1.8	0.9	929	16	945	12	984	14	983.6	13.9	94.4
13SI21-Spot 10	164	22251	1.7	13.9	0.8	1.6	3.1	0.2	3.0	1.0	945	27	957	19	986	16	986.2	15.6	95.8
13SI21-Spot 88	163	34219	1.6	13.9	0.9	1.4	2.9	0.1	2.8	1.0	831	22	875	17	987	18	987.2	18.4	84.2
13SI21-Spot 129	439	37155	5.6	13.8	0.7	1.5	2.4	0.2	2.3	1.0	923	20	947	15	1002	15	1001.9	14.7	92.1
13SI21-Spot 3	347	371278	1.5	13.8	0.7	1.6	2.3	0.2	2.2	1.0	979	20	987	14	1003	14	1003.4	13.6	97.6
13SI21-Spot 146	524	85774	1.5	13.7	0.7	1.6	2.0	0.2	1.8	0.9	972	17	983	12	1008	14	1007.7	14.0	96.4
13SI21-Spot 56	168	29615	1.4	13.7	0.9	1.7	3.0	0.2	2.8	1.0	1001	26	1003	19	1008	18	1007.7	17.6	99.3
13SI21-Spot 69	97	28615	1.5	13.7	0.9	1.6	2.7	0.2	2.6	0.9	958	23	974	17	1011	18	1010.5	18.4	94.8

Table B1 Zircon U-Pb Crystallization ages

				Isotope ratios							Apparent ages (Ma)								
Analysis	U	206Pb	U/Th	206Pb*	±	207Pb*	±	206Pb*	±	error	206Pb*	±	207Pb*	±	206Pb*	±	Best age	±	Conc
	(ppm)	204Pb		207Pb*	(%)	235U*	(%)	238U	(%)	corr.	238U*	(Ma)	235U	(Ma)	207Pb*	(Ma)	(Ma)	(Ma)	(%)
13SI21-Spot 47	1167	191201	5.8	13.7	0.8	1.6	1.8	0.2	1.7	0.9	960	15	977	12	1014	16	1013.9	15.5	94.7
13SI21-Spot 138	150	164794	1.9	13.7	0.8	1.6	2.6	0.2	2.5	1.0	950	22	971	16	1019	15	1019.1	15.3	93.2
13SI21-Spot 134	200	68617	1.6	13.6	0.7	1.6	2.3	0.2	2.2	1.0	970	20	989	15	1030	15	1029.6	14.7	94.2
13SI21-Spot 123	252	11060	1.3	13.5	1.2	1.5	2.4	0.2	2.1	0.9	907	18	947	15	1042	24	1041.6	23.7	87.0
13SI21-Spot 41	219	137388	0.5	13.5	0.8	1.8	2.3	0.2	2.2	0.9	1047	21	1047	15	1048	17	1047.7	16.7	99.9
13SI21-Spot 128	3524	54247	2.8	13.3	0.6	1.9	3.2	0.2	3.2	1.0	1059	31	1064	21	1075	13	1075.4	12.5	98.4
13SI21-Spot 26	72	15687	0.8	12.9	0.8	2.1	2.4	0.2	2.2	0.9	1144	23	1143	16	1141	16	1141.2	16.3	100.2
13SI21-Spot 99	543	34831	1.2	12.5	1.1	1.9	2.2	0.2	1.9	0.9	1043	18	1092	15	1191	22	1190.7	22.1	87.6
13SI21-Spot 111	1329	5496399	12.1	12.5	0.7	2.2	1.8	0.2	1.6	0.9	1151	17	1169	12	1201	15	1201.4	14.7	95.8
13SI21-Spot 52	112	25098	1.4	12.1	0.8	2.5	2.8	0.2	2.7	1.0	1279	31	1270	21	1256	16	1255.5	16.4	101.9
13SI21-Spot 143	218	126698	1.4	11.3	0.6	2.7	2.8	0.2	2.7	1.0	1280	32	1323	21	1392	12	1392.1	12.2	92.0
13SI21-Spot 31	328	134111	1.9	10.9	0.7	2.7	2.4	0.2	2.3	1.0	1241	26	1323	18	1459	13	1459.0	13.1	85.0
13SI21-Spot 148	702	4453958	1.2	10.8	0.7	3.0	2.4	0.2	2.3	1.0	1359	28	1408	18	1483	14	1483.2	13.9	91.6
13SI21-Spot 63	215	35886	3.7	10.7	0.7	3.0	2.2	0.2	2.1	1.0	1360	25	1413	17	1492	13	1492.4	13.2	91.1
13SI21-Spot 85	305	110796	1.8	10.3	0.6	3.6	2.4	0.3	2.3	1.0	1542	31	1556	19	1575	12	1574.8	12.2	97.9
13SI21-Spot 124	56	51472	1.7	10.2	0.8	3.5	3.3	0.3	3.3	1.0	1466	43	1518	26	1592	15	1592.2	14.5	92.1
13SI21-Spot 64	1350	2188045	16.9	10.2	1.1	3.0	2.6	0.2	2.4	0.9	1290	28	1409	20	1595	20	1595.2	19.6	80.8
13SI21-Spot 21	154	130284	1.7	10.1	0.9	3.7	2.9	0.3	2.8	1.0	1525	38	1561	24	1611	16	1610.8	15.9	94.7
13SI21-Spot 55	302	54461	2.4	10.1	0.6	3.6	2.9	0.3	2.8	1.0	1495	38	1544	23	1611	12	1611.0	11.8	92.8
13SI21-Spot 45	128	32877	1.4	10.0	1.0	3.8	3.1	0.3	3.0	1.0	1568	42	1594	25	1628	18	1627.8	17.8	96.3
13SI21-Spot 74	165	300663	1.4	9.9	0.7	4.0	2.4	0.3	2.3	1.0	1635	33	1637	19	1639	13	1638.8	13.4	99.8
13SI21-Spot 91	115	49152623	0.8	9.9	0.7	3.8	3.1	0.3	3.0	1.0	1569	42	1600	25	1640	12	1639.8	12.1	95.7
13SI21-Spot 22	278	573904	1.0	9.8	0.6	4.0	2.6	0.3	2.5	1.0	1611	36	1631	21	1657	12	1656.5	11.5	97.3
13SI21-Spot 145	381	172340	5.6	9.8	0.8	3.6	2.4	0.3	2.3	1.0	1483	30	1556	19	1657	14	1657.0	14.4	89.5
13SI21-Spot 66	246	96461	0.8	9.8	0.8	4.1	2.8	0.3	2.7	1.0	1628	38	1647	23	1671	16	1670.5	15.7	97.5
13SI21-Spot 141	232	81520	1.1	9.7	0.6	4.0	3.1	0.3	3.0	1.0	1599	43	1632	25	1674	12	1674.2	11.7	95.5
13SI28-6	755	3659	37.0	31.2	37.9	0.0	38.2	0.0	4.6	0.1	11	0	7	3	-956	###	10.8	0.5	NA
13SI28-40	430	3972	0.6	21.6	17.1	0.0	17.5	0.0	3.9	0.2	27	1	27	5	19	413	27.3	1.1	NA
13SI28-25	2326	69649	1.1	21.1	3.6	0.0	3.7	0.0	1.0	0.3	28	0	29	1	65	85	28.1	0.3	NA
13SI28-4	420	10036	121.4	23.6	10.7	0.0	11.7	0.0	4.5	0.4	29	1	26	3	-201	270	29.0	1.3	NA
13SI28-2	1805	9141	3.0	20.4	5.8	0.0	7.0	0.0	4.0	0.6	34	1	35	2	147	136	33.7	1.3	NA
13SI28-22	238	4578	1.5	16.7	34.0	0.1	34.2	0.0	3.0	0.1	40	1	50	17	596	758	39.5	1.2	NA
13SI28-23	120	2789	1.5	9.5	168.5	0.1	168.7	0.0	8.2	0.0	49	4	107	174	1722	199	49.3	4.0	NA
13SI28-46	102	1092	1.5	17.6	16.6	0.1	18.9	0.0	9.1	0.5	122	11	141	25	481	368	121.7	10.9	NA
13SI28-41	247	91466	2.3	19.4	10.7	0.2	10.8	0.0	1.5	0.1	211	3	216	21	262	247	211.4	3.1	NA
13SI28-42	288	5432	2.8	18.3	6.6	0.3	7.1	0.0	2.5	0.3	214	5	230	15	397	149	214.2	5.2	NA
13SI28-38	250	40254	5.6	19.8	4.5	0.2	4.5	0.0	0.8	0.2	214	2	215	9	217	103	214.3	1.6	NA
13SI28-35	431	45111	10.9	20.0	2.9	0.2	3.1	0.0	0.9	0.3	215	2	213	6	191	68	214.5	1.9	NA
13SI28-39	544	144405	4.6	17.5	2.0	0.3	3.9	0.0	3.3	0.9	250	8	275	9	495	45	250.2	8.1	NA
13SI28-32	701	137001	2.3	17.3	1.1	0.4	2.0	0.0	1.7	0.8	287	5	314	5	519	24	286.7	4.8	NA
13SI28-20	422	75163	1.2	17.4	1.0	0.5	1.7	0.1	1.4	0.8	384	5	402	6	505	22	384.2	5.1	NA
13SI28-R33	124	52945	1.2	18.7	4.5	0.5	4.6	0.1	0.7	0.2	420	3	410	15	353	103	419.5	2.8	118.7
13SI28-R33	134	39587	1.2	18.0	5.5	0.5	5.7	0.1	1.6	0.3	421	7	423	20	437	122	421.0	6.5	96.4
13SI28-28	136	71488	1.4	17.6	3.7	0.6	4.0	0.1	1.6	0.4	469	7	472	15	485	82	468.8	7.2	96.7
13SI28-37	74	42644	1.2	17.6	3.1	0.6	7.0	0.1	6.3	0.9	475	29	476	27	482	70	475.3	28.7	98.7

Table B1 Zircon U-Pb Crystallization ages

				Isotope ratios							Apparent ages (Ma)								
Analysis	U (ppm)	206Pb 204Pb	U/Th	206Pb* 207Pb*	± (%)	207Pb* 235U*	± (%)	206Pb* 238U	± (%)	error corr.	206Pb* 238U*	± (Ma)	207Pb* 235U	± (Ma)	206Pb* 207Pb*	± (Ma)	Best age (Ma)	± (Ma)	Conc (%)
13SI28-36	114	41897	1.2	17.2	4.0	0.6	4.2	0.1	1.3	0.3	479	6	489	16	540	88	478.6	5.9	88.6
13SI28-45	137	28788	1.2	17.7	4.7	0.6	5.0	0.1	1.6	0.3	488	8	485	19	469	105	488.4	7.7	104.1
13SI28-44	547	218654	0.6	17.4	1.4	0.6	1.6	0.1	0.8	0.5	493	4	496	6	511	30	492.7	3.8	96.4
13SI28-8	198	79182	1.7	17.2	2.8	0.6	3.0	0.1	1.2	0.4	495	6	502	12	535	61	494.8	5.5	92.5
13SI28-21	71	23272	0.9	16.0	6.9	0.7	7.2	0.1	2.1	0.3	511	10	544	31	686	148	511.4	10.1	74.6
13SI28-34	33	587	2.9	12.4	16.3	0.9	17.0	0.1	4.5	0.3	530	23	678	84	1205	324	530.2	23.1	44.0
13SI28-26	808	225561	0.8	15.0	0.4	0.8	1.7	0.1	1.7	1.0	565	9	620	8	829	9	564.5	9.0	68.1
13SI28-17	414	141104	3.3	15.7	1.2	0.9	1.8	0.1	1.4	0.8	635	8	657	9	731	25	635.1	8.5	86.8
13SI28-16	373	123557	3.2	15.4	1.0	1.0	1.1	0.1	0.6	0.5	691	4	711	6	778	20	690.5	3.7	88.8
13SI28-33	251	100806	2.2	15.0	1.1	1.1	4.6	0.1	4.5	1.0	747	32	768	25	829	22	746.9	31.6	90.1
13SI28-9	48	20179	1.2	15.1	4.0	1.2	4.7	0.1	2.5	0.5	812	19	812	26	812	83	812.3	19.4	100.0
13SI28-24	162	117230	1.6	14.9	1.0	1.2	1.4	0.1	1.0	0.7	813	7	822	8	847	21	813.2	7.3	96.0
13SI28-5	157	21275	1.2	13.8	2.1	1.6	2.6	0.2	1.6	0.6	974	15	981	17	997	42	996.8	42.2	97.7
13SI28-13	503	134270	1.2	13.7	0.3	1.7	1.4	0.2	1.3	1.0	992	12	997	9	1008	7	1007.8	6.9	98.4
13SI28-11	543	135852	18.8	12.8	0.6	1.9	3.9	0.2	3.8	1.0	1050	37	1081	26	1144	11	1143.6	11.3	91.8
13SI28-10	80	62340	1.0	12.7	2.2	2.1	2.4	0.2	0.8	0.3	1123	8	1137	16	1164	44	1163.7	44.3	96.5
13SI28-43	473	283377	2.9	10.4	0.2	3.3	2.2	0.3	2.2	1.0	1448	29	1490	17	1550	4	1549.8	4.4	93.4
13SI28-12	367	510021	0.9	9.9	0.3	3.8	1.1	0.3	1.1	1.0	1580	15	1603	9	1633	5	1633.4	4.8	96.7
13SI28-35	431	45111	10.9	20.0	2.9	0.2	3.1	0.0	0.9	0.3	215	2	213	6	192	68	214.5	1.9	NA
13SI28-36	114	41897	1.2	17.2	4.0	0.6	4.2	0.1	1.3	0.3	479	6	489	16	540	88	478.6	5.9	88.6
13SI28-37	74	42644	1.2	17.6	3.1	0.6	7.0	0.1	6.3	0.9	475	29	476	27	482	70	475.3	28.7	98.7
13SI28-38	250	40254	5.6	19.8	4.5	0.2	4.5	0.0	0.8	0.2	214	2	215	9	217	103	214.3	1.6	NA
13SI28-39	544	144405	4.6	17.5	2.0	0.3	3.9	0.0	3.3	0.9	250	8	275	9	495	45	250.2	8.1	NA
13SI28-40	430	3972	0.6	21.6	17.1	0.0	17.5	0.0	3.9	0.2	27	1	27	5	19	413	27.3	1.1	NA
13SI28-41	247	91466	2.3	19.4	10.7	0.2	10.8	0.0	1.5	0.1	211	3	216	21	262	247	211.4	3.1	NA
13SI28-42	288	5432	2.8	18.3	6.6	0.3	7.1	0.0	2.5	0.4	214	5	230	15	397	149	214.2	5.2	NA
13SI28-43	473	283377	2.9	10.4	0.2	3.3	2.2	0.3	2.2	1.0	1448	29	1490	17	1550	4	1549.8	4.4	93.4
13SI28-44	547	218654	0.6	17.4	1.4	0.6	1.6	0.1	0.8	0.5	493	4	496	6	511	30	492.7	3.8	96.4
13SI28-45	137	28788	1.2	17.7	4.7	0.6	5.0	0.1	1.6	0.3	488	8	485	19	469	105	488.4	7.7	104.1
13SI28-46	102	1092	1.5	17.6	16.6	0.1	18.9	0.0	9.1	0.5	122	11	141	25	481	368	121.7	10.9	NA
13SI28-Spot 36	969	25161	19.9	21.0	2.8	0.0	4.1	0.0	3.1	0.7	6	0	6	0	83	66	5.8	0.2	NA
13SI28-Spot 142	429	10951	21.1	23.3	4.1	0.0	5.6	0.0	3.9	0.7	6	0	5	0	170	101	5.8	0.2	NA
13SI28-Spot 109	426	10376	14.1	22.1	2.4	0.0	3.5	0.0	2.5	0.7	21	1	20	1	45	58	20.5	0.5	NA
13SI28-Spot 45	2880	13255	0.0	18.2	2.3	0.0	6.2	0.0	5.7	0.9	23	1	28	2	410	52	23.3	1.3	NA
13SI28-Spot 80	3530	75938	46.7	20.6	1.2	0.0	2.7	0.0	2.5	0.9	25	1	26	1	129	27	25.1	0.6	NA
13SI28-Spot 101	2518	15728	2.3	17.9	2.7	0.0	5.5	0.0	4.8	0.9	27	1	33	2	443	59	27.2	1.3	NA
13SI28-Spot 27	1312	406277	0.4	21.3	1.5	0.0	2.9	0.0	2.4	0.9	29	1	29	1	45	36	28.7	0.7	NA
13SI28-Spot 22	1374	27410	0.3	14.5	2.1	0.0	3.5	0.0	2.8	0.8	29	1	43	2	902	43	29.0	0.8	NA
13SI28-Spot 40	2708	20642	2.3	20.9	1.2	0.0	3.1	0.0	2.9	0.9	30	1	31	1	90	29	29.7	0.8	NA
13SI28-Spot 58	236	33798	1.6	22.2	2.8	0.0	4.6	0.0	3.7	0.8	30	1	29	1	49	67	30.2	1.1	NA
13SI28-Spot 57	1259	36048	0.5	21.2	1.3	0.0	2.7	0.0	2.4	0.9	31	1	32	1	55	31	31.2	0.7	NA
13SI28-Spot 98	550	86199	1.7	20.8	1.8	0.0	3.5	0.0	3.0	0.9	39	1	40	1	106	42	39.0	1.2	NA
13SI28-Spot 69	587	20485	1.4	21.4	1.9	0.0	3.3	0.0	2.7	0.8	41	1	41	1	38	46	40.8	1.1	NA
13SI28-Spot 140	1042	13401	103.9	21.6	1.2	0.0	3.0	0.0	2.8	0.9	41	1	41	1	11	29	41.0	1.1	NA
13SI28-Spot 77	129	10115	2.0	21.8	3.1	0.0	4.5	0.0	3.2	0.7	41	1	40	2	7	76	41.0	1.3	NA

Table B1 Zircon U-Pb Crystallization ages

				Isotope ratios							Apparent ages (Ma)								
Analysis	U	206Pb	U/Th	206Pb*	±	207Pb*	±	206Pb*	±	error	206Pb*	±	207Pb*	±	206Pb*	±	Best age	±	Conc
	(ppm)	204Pb		207Pb*	(%)	235U*	(%)	238U	(%)	corr.	238U*	(Ma)	235U	(Ma)	207Pb*	(Ma)	(Ma)	(Ma)	(%)
13SI28-Spot 113	555	45954	1.4	21.2	2.0	0.0	3.4	0.0	2.8	0.8	42	1	42	1	54	47	41.8	1.1	NA
13SI28-Spot 106	235	48819	1.6	21.4	1.9	0.0	3.6	0.0	3.1	0.9	48	2	48	2	38	45	48.3	1.5	NA
13SI28-Spot 81	180	37276	1.6	20.7	2.5	0.1	3.8	0.0	2.8	0.8	49	1	51	2	115	60	49.2	1.4	NA
13SI28-Spot 100	192	53869	1.7	21.5	2.1	0.0	3.6	0.0	3.0	0.8	49	2	49	2	22	50	49.3	1.5	NA
13SI28-Spot 83	390	17691	1.2	20.6	1.7	0.1	3.2	0.0	2.7	0.9	49	1	51	2	121	41	49.4	1.3	NA
13SI28-Spot 89	699	151353	1.1	20.9	1.3	0.1	3.5	0.0	3.3	0.9	50	2	51	2	93	31	50.3	1.6	NA
13SI28-Spot 55	476	44208	36.0	19.2	1.3	0.1	3.6	0.0	3.4	0.9	51	2	56	2	289	30	50.8	1.7	NA
13SI28-Spot 76	863	46616	2.1	18.2	3.0	0.1	3.9	0.0	2.6	0.7	51	1	59	2	406	67	51.0	1.3	NA
13SI28-Spot 35	1471	91078	0.7	21.1	1.1	0.1	3.1	0.0	2.9	0.9	53	2	54	2	65	26	53.3	1.5	NA
13SI28-Spot 37	81	20434	1.8	20.0	3.5	0.1	5.6	0.0	4.4	0.8	56	2	59	3	193	82	55.7	2.4	NA
13SI28-Spot 65	84	13885	1.9	17.7	4.1	0.1	5.5	0.0	3.7	0.7	56	2	67	4	470	91	55.9	2.1	NA
13SI28-Spot 54	424	62377	1.3	21.3	1.5	0.1	3.1	0.0	2.7	0.9	56	2	56	2	43	35	56.1	1.5	NA
13SI28-Spot 84	1011	2822472	11.7	20.6	1.2	0.1	3.1	0.0	2.9	0.9	56	2	58	2	124	28	56.4	1.6	NA
13SI28-Spot 92	542	24459	2.2	21.6	1.6	0.1	4.0	0.0	3.7	0.9	57	2	56	2	10	38	56.7	2.1	NA
13SI28-Spot 61	48	24719	1.7	20.5	3.2	0.1	5.2	0.0	4.1	0.8	59	2	61	3	135	76	58.7	2.4	NA
13SI28-Spot 43	797	34723	3.6	14.7	5.0	0.1	6.0	0.0	3.2	0.5	59	2	84	5	864	105	59.0	1.9	NA
13SI28-Spot 66	40	22320	1.1	17.3	5.1	0.1	6.1	0.0	3.3	0.6	59	2	72	4	516	113	59.2	2.0	NA
13SI28-Spot 38	583	38560	17.0	15.0	1.2	0.1	4.7	0.0	4.5	1.0	75	3	103	5	828	25	74.7	3.4	NA
13SI28-Spot 20	111	2406	2.4	3.1	1.8	0.6	4.0	0.0	3.6	0.9	79	3	446	15	3593	28	78.9	2.8	NA
13SI28-Spot 121	402	40261	4.8	18.0	2.8	0.1	4.4	0.0	3.4	0.8	125	4	142	6	435	63	124.9	4.2	NA
13SI28-Spot 51	301	53269	3.2	20.3	1.2	0.1	4.0	0.0	3.8	1.0	130	5	132	5	158	29	130.3	4.9	NA
13SI28-Spot 112	425	16539	1.3	19.0	1.7	0.2	3.3	0.0	2.8	0.9	144	4	155	5	317	39	144.1	4.0	NA
13SI28-Spot 116	3843	74471	37.0	16.9	1.4	0.2	7.0	0.0	6.9	1.0	173	12	203	13	571	30	173.0	11.8	NA
13SI28-Spot 50	916	85656	10.6	19.9	0.9	0.2	2.5	0.0	2.3	0.9	211	5	211	5	212	21	210.9	4.8	NA
13SI28-Spot 135	395	97327	11.3	19.8	1.1	0.2	4.3	0.0	4.1	1.0	221	9	222	9	224	25	221.3	8.9	NA
13SI28-Spot 25	174	34343	1.8	20.0	1.3	0.2	3.4	0.0	3.1	0.9	229	7	226	7	197	30	229.0	7.1	NA
13SI28-Spot 134	1152	2644980	55.3	17.6	0.8	0.3	4.1	0.0	4.1	1.0	237	10	261	10	478	18	237.1	9.5	NA
13SI28-Spot 14	224	77667	1.7	17.3	1.2	0.3	4.5	0.0	4.3	1.0	265	11	293	11	523	25	264.8	11.2	NA
13SI28-Spot 15	397	97633	1.7	18.1	0.7	0.3	3.0	0.0	2.9	1.0	269	8	285	7	424	15	268.7	7.7	NA
13SI28-Spot 120	1541	87657	4.5	17.5	0.9	0.4	3.2	0.0	3.0	1.0	302	9	325	9	498	20	301.5	9.0	NA
13SI28-Spot 7	1234	97863	6.5	17.6	1.4	0.4	3.7	0.0	3.4	0.9	306	10	327	10	481	31	305.5	10.2	NA
13SI28-Spot 107	201	82433	1.5	16.7	1.5	0.4	3.0	0.1	2.6	0.9	328	9	364	9	601	32	328.1	8.5	NA
13SI28-Spot 32	208	13732	2.4	18.0	1.2	0.4	3.6	0.1	3.4	0.9	333	11	346	11	436	27	332.7	11.1	NA
13SI28-Spot 41	600	53682	2.3	17.3	1.1	0.4	3.3	0.1	3.1	1.0	333	10	358	10	521	23	333.2	10.2	NA
13SI28-Spot 87	204	22693	2.4	17.4	1.0	0.5	3.3	0.1	3.1	1.0	367	11	387	11	511	22	366.7	11.1	NA
13SI28-Spot 68	206	31539	2.4	17.6	1.1	0.5	3.0	0.1	2.8	0.9	385	11	400	10	488	25	384.9	10.6	NA
13SI28-Spot 85	1257	19288	7.6	16.2	2.4	0.5	4.6	0.1	4.0	0.9	386	15	427	16	659	51	385.6	14.9	NA
13SI28-Spot 44	215	84722	2.1	17.4	0.9	0.5	2.4	0.1	2.3	0.9	396	9	413	8	510	20	396.1	8.6	NA
13SI28-Spot 122	105	47929	2.6	17.6	1.6	0.5	3.3	0.1	2.9	0.9	413	12	423	12	481	35	412.9	11.6	85.9
13SI28-Spot 99	337	1784795	0.9	17.4	0.8	0.6	6.2	0.1	6.1	1.0	448	27	457	23	504	17	447.5	26.5	88.7
13SI28-Spot 67	1445	205864	42.4	17.1	0.8	0.6	2.7	0.1	2.6	1.0	453	12	469	10	546	17	452.9	11.5	82.9
13SI28-Spot 79	657	135176	2.2	17.5	0.7	0.6	3.3	0.1	3.3	1.0	458	14	464	12	496	15	457.5	14.4	92.2
13SI28-Spot 91	121	66164	2.0	17.2	1.2	0.6	5.2	0.1	5.1	1.0	468	23	479	20	533	26	468.2	23.0	87.9
13SI28-Spot 70	273	169500	2.9	17.5	1.0	0.6	3.2	0.1	3.1	1.0	471	14	476	12	496	21	471.4	13.9	95.1
13SI28-Spot 5	210	40604	2.8	17.5	1.0	0.6	3.3	0.1	3.2	1.0	473	14	477	13	497	23	473.0	14.4	95.2

Table B1 Zircon U-Pb Crystallization ages

				Isotope ratios							Apparent ages (Ma)								
Analysis	U	206Pb	U/Th	206Pb*	±	207Pb*	±	206Pb*	±	error	206Pb*	±	207Pb*	±	206Pb*	±	Best age	±	Conc
	(ppm)	204Pb		207Pb*	(%)	235U*	(%)	238U	(%)	corr.	238U*	(Ma)	235U	(Ma)	207Pb*	(Ma)	(Ma)	(Ma)	(%)
13SI28-Spot 136	1928	542185	4.7	17.3	0.7	0.6	2.6	0.1	2.5	1.0	474	12	483	10	525	15	473.8	11.5	90.2
13SI28-Spot 34	221	323747	1.0	17.5	0.9	0.6	3.8	0.1	3.7	1.0	476	17	481	15	503	20	476.3	17.0	94.7
13SI28-Spot 60	567	178371	1.6	17.6	1.0	0.6	2.8	0.1	2.6	0.9	477	12	477	11	479	22	477.0	12.2	99.6
13SI28-Spot 86	1861	227253	2.0	17.2	0.8	0.6	2.8	0.1	2.7	1.0	480	12	489	11	536	18	479.5	12.3	89.5
13SI28-Spot 150	2873	348239	4.8	17.6	0.9	0.6	3.0	0.1	2.8	1.0	480	13	481	11	487	19	479.7	13.1	98.6
13SI28-Spot 119	2541	258187	10.5	17.5	0.8	0.6	2.7	0.1	2.6	1.0	481	12	485	10	501	18	481.1	12.0	96.0
13SI28-Spot 53	266	69130	2.7	17.5	0.8	0.6	2.8	0.1	2.7	1.0	483	12	485	11	493	18	483.0	12.4	98.0
13SI28-Spot 95	439	190003	1.7	17.1	1.2	0.6	3.3	0.1	3.0	0.9	485	14	495	13	543	27	484.9	14.0	89.3
13SI28-Spot 19	160	35508	1.4	17.2	1.1	0.6	3.7	0.1	3.5	1.0	486	17	495	15	537	25	486.4	16.5	90.6
13SI28-Spot 9	112	31143	2.3	17.5	1.4	0.6	3.5	0.1	3.2	0.9	487	15	488	13	497	30	486.7	14.9	98.0
13SI28-Spot 94	197	89062	2.6	17.4	1.1	0.6	4.7	0.1	4.6	1.0	489	22	493	18	513	24	488.7	21.6	95.3
13SI28-Spot 132	198	80925	1.8	17.6	0.8	0.6	2.7	0.1	2.6	1.0	490	12	488	11	480	18	490.3	12.3	102.2
13SI28-Spot 131	80	99305	2.2	17.5	1.2	0.6	4.3	0.1	4.1	1.0	496	20	497	17	502	26	496.3	19.8	98.9
13SI28-Spot 74	418	223722	1.9	17.4	0.9	0.6	2.5	0.1	2.3	0.9	497	11	499	10	508	19	497.1	11.0	97.9
13SI28-Spot 147	213	123048	3.3	17.2	0.9	0.6	3.1	0.1	3.0	1.0	500	15	506	13	533	20	499.9	14.5	93.8
13SI28-Spot 62	125	86073	2.2	17.3	1.5	0.6	3.4	0.1	3.1	0.9	500	15	504	14	518	33	500.4	14.7	96.5
13SI28-Spot 129	165	59108	2.3	17.4	0.9	0.6	3.3	0.1	3.1	1.0	503	15	505	13	513	19	502.8	15.2	97.9
13SI28-Spot 52	193	86453	1.6	17.1	1.0	0.7	3.6	0.1	3.5	1.0	503	17	511	15	548	22	503.0	16.7	91.7
13SI28-Spot 148	290	60331	1.9	17.5	0.9	0.6	3.0	0.1	2.9	1.0	508	14	507	12	502	21	507.6	14.0	101.2
13SI28-Spot 71	516	73253	2.1	17.5	0.9	0.7	2.6	0.1	2.4	0.9	512	12	510	10	499	19	512.1	12.0	102.7
13SI28-Spot 1	402	178914	1.8	17.3	0.8	0.7	2.9	0.1	2.8	1.0	514	14	515	12	518	18	513.8	13.9	99.2
13SI28-Spot 48	88	23982	1.5	16.6	1.3	0.7	3.4	0.1	3.1	0.9	527	16	543	14	607	29	527.3	15.9	86.9
13SI28-Spot 8	156	247746	1.7	16.6	1.3	0.8	3.6	0.1	3.3	0.9	584	19	591	16	616	28	584.1	18.5	94.8
13SI28-Spot 4	316	420441	100.1	15.5	1.0	0.9	2.8	0.1	2.6	0.9	647	16	672	14	757	21	647.0	16.2	85.5
13SI28-Spot 47	725	104117	2.0	15.0	0.9	1.0	2.6	0.1	2.4	0.9	691	16	723	13	825	19	690.9	15.9	83.7
13SI28-Spot 33	317	97435	5.9	15.0	0.7	1.2	4.2	0.1	4.1	1.0	768	30	784	23	828	15	768.0	29.9	92.7
13SI28-Spot 16	403	121347	2.3	15.0	0.6	1.2	2.4	0.1	2.3	1.0	802	17	809	13	826	13	802.4	17.3	97.1
13SI28-Spot 144	109	47322	1.6	15.3	1.0	1.2	3.3	0.1	3.1	1.0	808	24	804	18	791	22	808.3	23.6	102.2
13SI28-Spot 137	482	192473	1.9	14.9	0.8	1.2	2.7	0.1	2.6	1.0	811	20	821	15	846	17	811.3	19.8	95.9
13SI28-Spot 2	401	90561	9.0	14.1	0.9	1.5	3.8	0.2	3.7	1.0	904	31	921	23	961	18	961.3	17.7	94.1
13SI28-Spot 6	336	171224	1.7	13.9	1.1	1.6	3.3	0.2	3.2	1.0	957	28	964	21	978	22	978.2	21.8	97.8
13SI28-Spot 118	177	68988	1.4	13.9	0.7	1.6	3.0	0.2	2.9	1.0	979	27	980	19	983	15	982.7	14.7	99.6
13SI28-Spot 11	169	44463	1.8	13.9	1.0	1.6	3.5	0.2	3.3	1.0	975	30	979	22	987	20	987.0	19.9	98.8
13SI28-Spot 117	932	2048157	1.0	13.7	0.9	1.5	2.9	0.2	2.8	1.0	920	24	947	18	1011	18	1011.4	18.4	90.9
13SI28-Spot 105	187	136784	1.7	13.6	0.8	1.7	2.9	0.2	2.8	1.0	1010	26	1014	19	1023	17	1022.7	16.9	98.8
13SI28-Spot 28	232	123942	2.2	13.4	0.9	1.8	6.0	0.2	6.0	1.0	1015	56	1029	39	1060	18	1059.5	17.5	95.8
13SI28-Spot 13	133	58376	3.3	13.4	1.2	1.6	3.4	0.2	3.2	0.9	937	28	975	21	1061	25	1060.8	25.1	88.3
13SI28-Spot 78	185	95112	1.7	13.3	0.9	1.9	4.6	0.2	4.5	1.0	1089	45	1083	31	1071	19	1071.0	18.7	101.6
13SI28-Spot 24	86	190605	1.0	13.0	0.7	1.9	3.5	0.2	3.4	1.0	1047	33	1070	23	1115	15	1115.4	14.5	93.9
13SI28-Spot 18	85	55240	1.0	12.8	1.0	2.2	3.8	0.2	3.6	1.0	1184	39	1175	26	1157	20	1156.5	20.4	102.4
13SI28-Spot 104	85	80718	1.5	12.7	0.8	2.1	3.2	0.2	3.1	1.0	1123	32	1138	22	1166	16	1165.7	16.4	96.3
13SI28-Spot 26	255	178654	0.8	12.7	0.8	2.0	2.6	0.2	2.4	1.0	1106	25	1128	18	1170	16	1170.4	16.4	94.5
13SI28-Spot 149	91	84438	1.2	12.7	0.9	1.9	4.0	0.2	3.9	1.0	1029	37	1075	26	1172	19	1171.5	18.8	87.8
13SI28-Spot 141	311	138923	1.2	12.6	0.8	2.1	3.1	0.2	3.0	1.0	1119	31	1142	22	1185	16	1185.0	15.7	94.4
13SI28-Spot 10	754	1329855	1.0	12.6	0.8	2.0	3.0	0.2	2.8	1.0	1072	28	1110	20	1186	16	1185.5	16.1	90.4

Table B1 Zircon U-Pb Crystallization ages

				Isotope ratios							Apparent ages (Ma)								
Analysis	U	206Pb	U/Th	206Pb*	±	207Pb*	±	206Pb*	±	error	206Pb*	±	207Pb*	±	206Pb*	±	Best age	±	Conc
	(ppm)	204Pb		207Pb*	(%)	235U*	(%)	238U	(%)	corr.	238U*	(Ma)	235U	(Ma)	207Pb*	(Ma)	(Ma)	(Ma)	(%)
13SI28-Spot 133	111	1136728	1.7	12.5	1.1	2.1	3.1	0.2	2.9	0.9	1136	30	1160	21	1205	23	1204.5	22.6	94.3
13SI28-Spot 23	372	3594955	3.6	12.3	0.9	2.2	3.5	0.2	3.3	1.0	1180	36	1195	24	1222	18	1222.4	18.3	96.5
13SI28-Spot 97	77	179678	9.5	12.2	1.1	2.3	3.4	0.2	3.3	1.0	1197	36	1216	24	1249	22	1249.3	21.8	95.8
13SI28-Spot 130	392	170538	1.4	11.9	0.8	2.2	3.1	0.2	3.0	1.0	1132	31	1189	22	1293	15	1292.7	14.8	87.6
13SI28-Spot 111	507	230480	1.8	11.9	1.2	2.2	3.7	0.2	3.5	1.0	1127	37	1186	26	1294	23	1293.5	22.5	87.2
13SI28-Spot 63	326	1398034	6.0	10.7	0.9	2.8	2.9	0.2	2.7	0.9	1272	31	1359	21	1498	18	1498.3	17.9	84.9
13SI28-Spot 56	94	51787	1.6	10.7	0.8	3.4	3.1	0.3	3.0	1.0	1498	41	1499	25	1502	15	1501.5	14.9	99.7
13SI28-Spot 123	68	58538	1.6	10.6	1.0	2.8	3.5	0.2	3.3	1.0	1240	37	1343	26	1512	20	1511.8	19.7	82.0
13SI28-Spot 114	334	111733	9.8	10.2	0.7	3.6	2.5	0.3	2.4	1.0	1535	33	1555	20	1583	13	1582.8	12.7	97.0
13SI28-Spot 146	241	80480	4.7	10.2	0.8	3.5	3.6	0.3	3.5	1.0	1487	46	1529	28	1586	16	1586.4	15.8	93.8
13SI28-Spot 93	91	46619	1.7	10.2	0.9	3.7	3.4	0.3	3.3	1.0	1569	46	1577	27	1588	17	1587.6	16.9	98.8
13SI28-Spot 82	68	433957	2.3	10.1	0.9	3.8	3.5	0.3	3.4	1.0	1587	47	1592	28	1598	16	1598.4	16.3	99.3
13SI28-Spot 64	560	311538	1.8	10.1	0.7	3.2	3.6	0.2	3.5	1.0	1362	43	1462	28	1612	13	1611.6	13.4	84.5
13SI28-Spot 108	40	36427	1.0	10.0	0.9	3.8	3.5	0.3	3.4	1.0	1581	47	1600	28	1624	17	1623.9	16.6	97.4
13SI28-Spot 12	139	189677	1.6	9.9	0.9	4.0	3.2	0.3	3.1	1.0	1637	45	1637	26	1637	16	1637.1	15.8	100.0
13SI28-Spot 30	138	1087335	3.0	9.7	0.7	4.2	4.0	0.3	4.0	1.0	1656	58	1669	33	1684	12	1683.9	12.2	98.4
13SI28-Spot 42	178	316277	2.3	9.4	0.7	4.6	3.2	0.3	3.1	1.0	1770	48	1752	27	1730	13	1730.3	13.1	102.3
13SI28-Spot 96	480	1467887	2.2	9.4	0.8	4.3	2.8	0.3	2.6	1.0	1655	39	1696	23	1748	16	1747.5	15.5	94.7
13SI28-Spot 88	224	101832	1.9	8.3	0.8	4.8	3.6	0.3	3.5	1.0	1636	51	1780	30	1955	14	1954.6	14.2	83.7
13SI32-1	204	28921	1.6	17.6	4.0	0.5	4.5	0.1	2.0	0.4	377	7	393	15	491	89	376.7	7.3	NA
13SI32-2	103	18035	1.1	17.7	3.1	0.5	5.3	0.1	4.3	0.8	424	18	432	19	472	68	424.4	17.5	89.9
13SI32-4	237	3279	0.2	26.9	52.8	0.0	53.1	0.0	5.1	0.1	37	2	30	16	-546	#####	37.4	1.9	NA
13SI32-5	168	17240	0.5	14.7	2.2	1.1	4.7	0.1	4.2	0.9	730	29	764	25	864	45	730.2	29.1	84.6
13SI32-7	359	42528	0.5	17.4	2.5	0.6	2.7	0.1	1.0	0.4	477	5	484	10	515	54	477.0	4.8	92.6
13SI32-8	1877	327836	12.5	17.2	0.6	0.6	1.1	0.1	0.9	0.8	488	4	496	4	533	14	488.4	4.0	91.6
13SI32-9	405	102523	1.0	17.3	2.0	0.6	2.2	0.1	0.9	0.4	500	4	503	9	516	44	499.8	4.2	96.8
13SI32-10	1027	313561	1.5	17.3	0.6	0.6	1.8	0.1	1.7	0.9	458	7	468	7	518	14	458.3	7.4	88.5
13SI32-14	142	24585	1.3	17.8	7.3	0.6	7.8	0.1	2.9	0.4	453	13	454	29	457	161	453.0	12.8	99.1
13SI32-15	397	83675	3.4	17.4	1.7	0.6	2.5	0.1	1.8	0.7	492	9	496	10	512	37	492.3	8.6	96.2
13SI32-16	79	3490	0.8	31.1	77.3	0.1	77.7	0.0	7.4	0.1	94	7	64	48	-947	#####	93.7	6.9	NA
13SI32-19	262	101227	4.0	17.1	3.1	0.6	5.3	0.1	4.3	0.8	456	19	471	20	543	67	455.7	18.8	83.9
13SI32-20	232	3744	1.1	19.6	43.0	0.1	43.7	0.0	8.1	0.2	59	5	63	27	236	#####	58.9	4.8	NA
13SI32-21	1049	126324	29.3	15.9	0.7	0.9	4.3	0.1	4.2	1.0	631	25	648	20	704	14	631.4	25.3	89.7
13SI32-22	1882	507973	8.0	17.4	0.6	0.6	2.6	0.1	2.5	1.0	497	12	500	10	515	13	497.2	11.9	96.6
13SI32-23	408	53619	3.7	17.4	0.7	0.5	1.6	0.1	1.4	0.9	417	6	432	6	509	15	417.3	5.6	82.1
13SI32-24	1058	566323	2.6	15.0	0.4	1.2	1.5	0.1	1.4	1.0	775	10	788	8	827	8	774.5	10.3	93.7
13SI32-25	1218	206472	34.0	17.0	0.7	0.6	1.7	0.1	1.5	0.9	483	7	496	7	560	16	482.8	7.1	86.2
13SI32-26	87	6605	1.4	16.4	11.4	0.4	15.1	0.0	9.9	0.7	285	28	327	42	633	246	285.4	27.6	NA
13SI32-28	886	118576	6.4	17.6	1.1	0.6	1.3	0.1	0.7	0.5	443	3	451	5	490	24	443.4	2.9	90.6
13SI32-30	249	46352	1.4	15.0	1.9	1.2	2.6	0.1	1.7	0.7	807	13	812	14	826	39	806.9	13.2	97.7
13SI32-31	141	51792	2.2	14.8	2.4	1.2	2.9	0.1	1.7	0.6	776	13	796	16	852	50	775.8	12.7	91.0
13SI32-32	330	98674	1.0	15.2	1.1	1.0	1.8	0.1	1.4	0.8	685	9	713	9	802	22	685.3	9.1	85.5
13SI32-33	71	14624	1.0	17.2	6.0	0.7	6.4	0.1	2.3	0.4	519	11	522	26	532	132	519.3	11.4	97.6
13SI32-34	701	213296	1.0	17.4	1.1	0.6	1.5	0.1	0.9	0.6	479	4	483	6	504	25	478.5	4.3	94.9
13SI32-35	388	81350	1.7	17.2	1.4	0.5	2.7	0.1	2.3	0.9	424	10	441	10	533	30	424.0	9.6	79.5

Table B1 Zircon U-Pb Crystallization ages

				Isotope ratios							Apparent ages (Ma)								
Analysis	U (ppm)	206Pb 204Pb	U/Th	206Pb* 207Pb*	± (%)	207Pb* 235U*	± (%)	206Pb* 238U	± (%)	error corr.	206Pb* 238U*	± (Ma)	207Pb* 235U	± (Ma)	206Pb* 207Pb*	± (Ma)	Best age (Ma)	± (Ma)	Conc (%)
13SI32-36	228	1757	133.5	16.9	47.0	0.0	48.3	0.0	10.8	0.2	29	3	36	17	569	#####	28.5	3.1	NA
13SI32-37	557	80696	1.1	17.4	2.5	0.6	2.5	0.1	0.6	0.2	488	3	493	10	513	54	488.3	2.7	95.3
13SI32-39	807	57758	22.8	17.2	0.7	0.5	5.6	0.1	5.6	1.0	400	22	422	19	540	16	400.2	21.7	74.1
13SI32-40	2106	5183	19.8	22.8	44.9	0.0	45.4	0.0	6.9	0.2	7	1	7	3	-122	#####	7.1	0.5	NA
13SI32-41	635	151614	1.8	17.4	0.7	0.6	1.3	0.1	1.0	0.8	509	5	508	5	505	16	508.9	5.0	100.8
13SI32-42	363	106633	2.5	17.4	2.6	0.4	4.4	0.1	3.6	0.8	340	12	362	14	511	57	339.5	11.8	NA
13SI32-43	145	50051	1.2	13.6	1.8	1.6	1.9	0.2	0.7	0.4	945	6	969	12	1022	37	1022.0	36.5	92.5
13SI32-44	1210	127208	31.6	17.8	0.8	0.5	2.1	0.1	2.0	0.9	382	7	394	7	464	18	382.1	7.3	NA
13SI32-45	1344	207422	101.8	17.1	0.6	0.6	3.1	0.1	3.0	1.0	482	14	494	12	550	13	481.8	13.9	87.7
13SI32-46	541	65616	0.6	17.5	2.1	0.5	8.3	0.1	8.0	1.0	402	31	418	29	502	46	402.4	31.4	80.2
13SI32-47	107	47729	0.8	12.9	1.5	2.0	1.7	0.2	0.9	0.5	1127	9	1131	12	1139	30	1139.3	29.8	98.9
13SI32-48	125	31668	1.0	12.7	1.8	2.1	3.7	0.2	3.3	0.9	1157	35	1157	26	1159	35	1158.5	34.9	99.8
13SI32-49	2155	1348871	1.5	9.9	0.1	3.9	1.1	0.3	1.1	1.0	1600	15	1622	9	1649	2	1649.4	1.7	97.0
13SI32-50	436	155921	2.0	13.7	0.6	1.7	1.1	0.2	1.0	0.9	992	9	997	7	1008	12	1007.7	11.6	98.4
13SI32-51	265	3059	3.5	11.5	75.7	0.0	77.4	0.0	16.3	0.2	20	3	38	29	1360	#####	20.3	3.3	NA
13SI32-52	669	86526	1.7	17.5	1.5	0.6	2.8	0.1	2.4	0.9	471	11	476	11	501	32	471.3	11.1	94.1
13SI32-53	226	50738	1.0	13.7	1.5	1.6	2.6	0.2	2.1	0.8	973	19	985	16	1012	30	1012.2	30.0	96.2
13SI32-54	1231	265152	1.1	17.3	0.6	0.6	2.0	0.1	1.9	1.0	504	9	507	8	521	13	503.9	9.2	96.8
13SI32-55	639	79975	4.9	17.5	1.2	0.5	5.2	0.1	5.1	1.0	393	19	408	18	499	26	392.5	19.3	NA
13SI32-56	375	1185	30.4	11.9	45.1	0.0	46.5	0.0	11.5	0.3	9	1	17	8	1301	925	9.1	1.0	NA
13SI32-57	334	76339	0.9	17.4	1.8	0.6	2.8	0.1	2.2	0.8	488	10	493	11	513	40	488.1	10.1	95.2
13SI32-58	2526	23323	91.7	21.2	7.8	0.0	9.2	0.0	4.9	0.5	18	1	18	2	53	186	17.7	0.9	NA
13SI32-59	205	39310	0.9	17.7	3.8	0.6	3.9	0.1	1.0	0.3	480	5	478	15	471	83	479.9	4.6	102.0
13SI32-60	487	4120	45.2	-1.1	#####	-0.5	#####	0.0	4.5	0.0	23	1	-621	#####	NA	NA	22.5	1.0	NA
13SI32-61	297	40748	1.1	17.4	1.4	0.6	2.8	0.1	2.5	0.9	460	11	467	11	503	30	460.1	10.9	91.4
13SI32-62	981	47590	14.5	16.7	3.9	0.2	5.2	0.0	3.5	0.7	130	5	158	8	599	85	129.9	4.5	NA
13SI32-63	293	87355	3.3	15.0	1.4	1.2	4.3	0.1	4.1	1.0	807	31	813	24	829	29	806.8	31.0	97.3
13SI32-64	679	63678	25.7	16.1	2.3	0.6	5.4	0.1	4.9	0.9	453	22	492	21	679	50	453.2	21.5	66.8
13SI32-Spot 38	906	12444	233.0	21.5	3.1	0.0	3.9	0.0	2.3	0.6	8	0	8	0	29	75	7.7	0.2	NA
13SI32-Spot 40	657	15545	195.5	21.0	2.9	0.0	3.8	0.0	2.5	0.7	10	0	10	0	78	69	9.5	0.2	NA
13SI32-Spot 68	1390	25313	9.0	21.8	1.5	0.0	2.8	0.0	2.4	0.9	15	0	15	0	8	35	14.9	0.4	NA
13SI32-Spot 3	4416	53666	79.3	21.5	1.0	0.0	3.4	0.0	3.3	1.0	23	1	23	1	29	23	22.7	0.7	NA
13SI32-Spot 13	144	2869	1.4	15.1	8.5	0.0	9.8	0.0	4.9	0.5	26	1	37	4	820	178	25.8	1.3	NA
13SI32-Spot 7	222	16803	3.1	22.1	3.1	0.0	4.4	0.0	3.2	0.7	39	1	38	2	38	75	39.2	1.2	NA
13SI32-Spot 86	247	39635	3.1	21.3	1.7	0.0	3.2	0.0	2.7	0.8	48	1	48	2	50	41	48.1	1.3	NA
13SI32-Spot 73	1661	91711	30.1	18.7	1.1	0.1	3.2	0.0	3.0	0.9	50	2	56	2	353	25	49.7	1.5	NA
13SI32-Spot 62	233	10329	1.8	21.1	1.9	0.1	3.1	0.0	2.5	0.8	59	1	59	2	65	46	59.0	1.4	NA
13SI32-Spot 90	138	47392	1.2	20.2	2.1	0.1	3.5	0.0	2.8	0.8	88	3	91	3	176	48	88.2	2.5	NA
13SI32-Spot 15	224	57131	0.9	21.2	1.7	0.1	3.0	0.0	2.4	0.8	91	2	89	3	53	41	90.7	2.2	NA
13SI32-Spot 22	136	60996	1.4	18.5	2.2	0.1	3.6	0.0	2.8	0.8	128	4	142	5	376	51	128.0	3.6	NA
13SI32-Spot 76	54	8837	3.0	19.9	2.5	0.1	4.6	0.0	3.9	0.8	132	5	136	6	205	58	132.4	5.1	NA
13SI32-Spot 26	230	41562	4.9	18.0	1.2	0.2	5.6	0.0	5.4	1.0	139	8	156	8	430	27	138.6	7.5	NA
13SI32-Spot 82	400	19590	1.5	17.0	2.1	0.3	3.8	0.0	3.2	0.8	206	6	238	8	565	46	205.9	6.4	NA
13SI32-Spot 61	581	115460	3.0	19.7	0.9	0.2	2.6	0.0	2.4	0.9	209	5	210	5	230	21	208.7	4.9	NA
13SI32-Spot 85	612	53285	6.3	19.8	0.9	0.2	2.5	0.0	2.3	0.9	209	5	210	5	220	21	208.8	4.7	NA

Table B1 Zircon U-Pb Crystallization ages

				Isotope ratios							Apparent ages (Ma)								
Analysis	U (ppm)	206Pb 204Pb	U/Th	206Pb* 207Pb*	± (%)	207Pb* 235U*	± (%)	206Pb* 238U	± (%)	error corr.	206Pb* 238U*	± (Ma)	207Pb* 235U	± (Ma)	206Pb* 207Pb*	± (Ma)	Best age (Ma)	± (Ma)	Conc (%)
13SI32-Spot 2	291	19450	3.8	20.1	1.1	0.2	2.4	0.0	2.2	0.9	211	5	209	5	186	25	210.9	4.5	NA
13SI32-Spot 53	308	86673	4.3	17.3	1.2	0.3	2.9	0.0	2.6	0.9	237	6	264	7	520	27	236.5	6.1	NA
13SI32-Spot 69	167	80349	6.0	17.2	0.9	0.3	3.2	0.0	3.0	1.0	271	8	301	8	541	21	271.2	8.1	NA
13SI32-Spot 18	831	45469	47.7	17.3	0.9	0.4	2.9	0.0	2.7	1.0	286	8	313	8	522	20	285.8	7.6	NA
13SI32-Spot 78	2231	28476	1.9	15.4	2.4	0.5	4.0	0.1	3.2	0.8	362	11	425	14	779	51	362.4	11.3	NA
13SI32-Spot 88	281	20641773	3.0	17.5	1.0	0.5	2.8	0.1	2.6	0.9	381	10	397	9	495	22	380.7	9.6	NA
13SI32-Spot 31	577	936694	2.9	17.4	0.9	0.5	3.1	0.1	3.0	1.0	381	11	400	10	510	19	380.8	11.1	NA
13SI32-Spot 94	855	79310	11.6	16.7	1.0	0.5	2.9	0.1	2.7	0.9	396	10	427	10	600	22	396.1	10.4	NA
13SI32-Spot 96	624	52055	1.1	17.6	0.8	0.5	2.6	0.1	2.5	1.0	405	10	417	9	483	17	404.9	9.8	83.8
13SI32-Spot 79	1904	326021	32.2	17.5	1.4	0.5	3.8	0.1	3.5	0.9	415	14	428	13	497	31	415.2	14.3	83.5
13SI32-Spot 65	706	56286	3.3	17.3	1.2	0.5	3.3	0.1	3.1	0.9	419	13	435	12	520	26	419.2	12.6	80.6
13SI32-Spot 1	1974	259052	30.9	17.6	0.7	0.5	2.1	0.1	2.0	1.0	428	8	437	8	485	15	428.1	8.4	88.3
13SI32-Spot 14	544	495745	9.8	17.2	0.8	0.6	2.3	0.1	2.2	0.9	430	9	447	9	532	17	430.0	9.2	80.8
13SI32-Spot 24	1179	60074	2.3	17.4	0.9	0.5	2.8	0.1	2.6	0.9	431	11	444	10	512	20	430.9	10.9	84.2
13SI32-Spot 50	743	119195	3.2	17.5	0.8	0.6	3.3	0.1	3.3	1.0	437	14	447	12	499	17	437.1	13.8	87.5
13SI32-Spot 4	1282	435932	70.9	17.4	0.6	0.6	2.4	0.1	2.3	1.0	447	10	457	9	510	14	447.0	10.1	87.7
13SI32-Spot 45	2045	835910	0.9	17.3	0.7	0.6	3.8	0.1	3.8	1.0	457	17	468	14	526	15	456.5	16.6	86.9
13SI32-Spot 95	2006	512396	9.9	17.2	0.9	0.6	2.9	0.1	2.8	1.0	457	12	469	11	529	21	456.6	12.2	86.3
13SI32-Spot 87	1197	119965	8.7	16.9	0.6	0.6	3.7	0.1	3.6	1.0	463	16	481	14	569	13	462.8	16.2	81.3
13SI32-Spot 80	1849	149379	2.9	17.5	0.7	0.6	2.8	0.1	2.7	1.0	463	12	469	11	497	16	463.4	12.3	93.2
13SI32-Spot 93	615	61669	1.4	17.2	0.7	0.6	1.9	0.1	1.7	0.9	464	8	477	7	537	15	464.2	7.7	86.4
13SI32-Spot 17	704	4506860	0.8	17.3	1.0	0.6	2.6	0.1	2.4	0.9	464	11	474	10	521	21	464.4	10.6	89.1
13SI32-Spot 12	874	418465	2.6	17.3	0.8	0.6	2.5	0.1	2.4	1.0	466	11	476	10	525	17	466.3	10.7	88.7
13SI32-Spot 63	1534	270473	2.8	17.4	0.7	0.6	2.1	0.1	1.9	0.9	470	9	477	8	510	16	470.3	8.8	92.3
13SI32-Spot 16	791	84315	1.9	17.3	0.7	0.6	1.9	0.1	1.7	0.9	473	8	480	7	517	16	472.7	7.9	91.5
13SI32-Spot 70	812	259144	7.5	17.4	1.0	0.6	2.7	0.1	2.5	0.9	475	12	482	10	514	22	474.7	11.6	92.3
13SI32-Spot 32	224	178386	2.3	17.4	0.9	0.6	2.6	0.1	2.4	0.9	475	11	480	10	506	21	474.9	10.9	93.8
13SI32-Spot 84	614	53323	1.1	17.8	0.7	0.6	2.7	0.1	2.6	1.0	475	12	473	10	460	16	475.4	11.7	103.3
13SI32-Spot 33	992	238439	5.1	17.4	0.7	0.6	2.5	0.1	2.4	1.0	479	11	485	10	514	15	479.0	11.1	93.2
13SI32-Spot 27	187	80306	1.2	17.5	1.1	0.6	3.1	0.1	2.9	0.9	482	14	484	12	493	24	482.4	13.6	97.9
13SI32-Spot 42	161	73406	0.7	17.0	1.1	0.6	2.9	0.1	2.8	0.9	487	13	499	12	556	23	487.3	12.9	87.7
13SI32-Spot 72	2423	152524	165.0	16.9	1.1	0.6	3.1	0.1	2.9	0.9	490	14	506	12	577	23	490.3	13.6	84.9
13SI32-Spot 34	509	144610	11.7	17.2	0.8	0.6	2.6	0.1	2.4	1.0	490	12	499	10	539	18	490.4	11.5	91.0
13SI32-Spot 19	174	128278	2.8	17.4	1.0	0.6	2.9	0.1	2.7	0.9	500	13	502	11	513	22	499.7	12.9	97.5
13SI32-Spot 6	1144	452266	3.0	15.9	0.7	0.9	2.8	0.1	2.7	1.0	617	16	637	13	711	15	616.6	16.2	86.7
13SI32-Spot 58	1514	1451966	11.5	16.3	0.8	0.9	2.5	0.1	2.3	1.0	620	14	626	12	646	17	620.4	13.8	96.0
13SI32-Spot 29	10041	1550944	11.1	16.0	0.6	0.9	2.5	0.1	2.4	1.0	620	14	636	12	693	14	620.4	14.0	89.5
13SI32-Spot 21	436	98980	1.8	15.0	0.9	1.0	3.7	0.1	3.6	1.0	697	24	728	19	825	18	696.8	23.6	84.5
13SI32-Spot 39	292	85242	0.9	15.1	0.8	1.1	6.1	0.1	6.1	1.0	718	41	742	32	815	17	717.7	41.2	88.0
13SI32-Spot 64	296	110954	2.0	15.1	0.9	1.2	2.6	0.1	2.4	0.9	767	18	777	14	808	19	766.7	17.5	94.9
13SI32-Spot 75	130	23770	2.6	14.9	0.8	1.3	3.5	0.1	3.4	1.0	824	26	828	20	839	17	823.7	26.0	98.2
13SI32-Spot 74	292	173498	2.4	15.0	0.7	1.3	2.8	0.1	2.7	1.0	831	21	831	16	829	16	831.3	21.0	100.3
13SI32-Spot 43	423	244514	2.0	14.0	0.7	1.6	2.4	0.2	2.3	1.0	960	20	962	15	965	15	965.3	15.3	99.5
13SI32-Spot 54	194	81045	1.5	13.2	0.7	1.8	3.1	0.2	3.0	1.0	1003	28	1030	20	1089	15	1088.9	14.5	92.1
13SI32-Spot 56	343	79231	6.2	13.1	0.8	1.7	2.7	0.2	2.6	1.0	947	23	993	17	1098	17	1097.5	16.8	86.3

Table B1 Zircon U-Pb Crystallization ages

				Isotope ratios							Apparent ages (Ma)								
Analysis	U	206Pb	U/Th	206Pb*	±	207Pb*	±	206Pb*	±	error	206Pb*	±	207Pb*	±	206Pb*	±	Best age	±	Conc
	(ppm)	204Pb		207Pb*	(%)	235U*	(%)	238U	(%)	corr.	238U*	(Ma)	235U	(Ma)	207Pb*	(Ma)	(Ma)	(Ma)	(%)
13SI32-Spot 9	285	51233	0.8	12.8	0.7	2.1	3.3	0.2	3.3	1.0	1127	34	1136	23	1152	14	1152.1	14.1	97.9
13SI32-Spot 47	130	90487	0.8	12.7	0.9	2.2	3.8	0.2	3.7	1.0	1196	41	1185	27	1166	17	1165.7	16.8	102.6
13SI32-Spot 67	182	97090	0.4	12.7	1.2	2.1	3.4	0.2	3.1	0.9	1127	33	1141	23	1169	23	1168.9	23.4	96.4
13SI32-Spot 28	412	1984856	1.3	12.6	0.8	2.2	2.4	0.2	2.2	1.0	1158	24	1168	16	1186	15	1185.8	14.9	97.7
13SI32-Spot 71	162	94169	1.7	12.3	0.9	2.3	3.4	0.2	3.3	1.0	1212	36	1216	24	1224	17	1224.3	17.4	99.0
13SI32-Spot 89	99	123941	1.4	11.1	0.7	3.0	3.3	0.2	3.2	1.0	1413	40	1417	25	1424	14	1424.3	13.6	99.2
13SI32-Spot 46	222	85286	1.7	10.1	1.0	3.7	3.0	0.3	2.8	0.9	1552	39	1572	24	1598	18	1598.2	18.1	97.1
13SI32-Spot 49	54	98960	2.3	9.9	0.9	3.4	4.7	0.2	4.6	1.0	1392	58	1498	37	1650	17	1650.2	17.4	84.4
13SI32-Spot 57	481	377217	7.6	9.5	0.8	3.8	2.8	0.3	2.7	1.0	1492	36	1591	23	1725	15	1725.2	14.8	86.5
13SI32-Spot 51	252	60889	3.1	9.5	0.7	3.7	2.8	0.3	2.7	1.0	1448	35	1565	22	1727	13	1727.3	13.1	83.8
13SI32-Spot 10	443	380037	13.0	9.4	0.9	3.9	2.9	0.3	2.8	1.0	1513	37	1608	23	1735	16	1734.8	16.0	87.2
13SI32-Spot 25	345	230247	1.8	9.4	0.9	4.6	2.3	0.3	2.1	0.9	1747	33	1742	19	1736	16	1736.0	15.6	100.6
13SI32-Spot 20	637	305395	2.8	9.4	0.9	4.5	2.0	0.3	1.7	0.9	1705	26	1723	16	1745	17	1745.2	16.7	97.7
13SI32-Spot 48	124	91810	2.2	9.3	0.7	4.4	3.3	0.3	3.2	1.0	1679	47	1715	27	1758	13	1757.9	13.2	95.5
13SI32-Spot 8	309	349874	3.0	9.3	0.9	3.8	3.5	0.3	3.3	1.0	1469	44	1594	28	1765	16	1764.5	15.7	83.2
13SI32-Spot 36	301	385251	1.5	9.2	0.8	4.7	2.8	0.3	2.7	1.0	1750	42	1762	24	1778	14	1777.5	14.0	98.4
13SI32-Spot 52	318	428257	4.5	9.0	0.9	4.3	3.3	0.3	3.2	1.0	1605	46	1699	28	1816	16	1816.2	15.9	88.4
13SI34-1	967	288776	1.3	17.5	0.5	0.6	1.2	0.1	1.1	0.9	485	5	487	5	496	11	484.6	5.2	97.7
13SI34-2	555	6503	4.4	23.5	7.7	0.0	8.8	0.0	4.2	0.5	48	2	44	4	-199	194	48.1	2.0	NA
13SI34-3	149	29075	1.2	16.9	4.1	0.6	4.8	0.1	2.5	0.5	481	11	497	19	570	90	481.0	11.4	84.4
13SI34-6	1023	11451	2.4	14.2	0.5	0.6	10.0	0.1	10.0	1.0	390	38	480	38	934	11	390.2	37.7	NA
13SI34-7	16	3268	0.4	13.0	8.1	1.9	9.1	0.2	4.1	0.5	1048	40	1071	60	1119	161	1119.2	161.1	93.6
13SI34-8	457	14687	1.5	17.5	1.0	0.6	3.0	0.1	2.9	0.9	480	13	484	12	501	21	479.9	13.4	95.8
13SI34-9	1117	16762	9.3	21.5	10.9	0.0	11.1	0.0	2.3	0.2	40	1	40	4	28	262	39.8	0.9	NA
13SI34-11	161	51297	1.0	13.7	1.0	1.7	1.4	0.2	0.9	0.7	988	8	996	9	1014	21	1014.1	21.1	97.4
13SI34-12	219	9745	0.6	21.9	30.0	0.1	30.3	0.0	4.3	0.1	51	2	50	15	-22	741	51.1	2.2	NA
13SI34-13	177	238671	1.4	6.3	0.5	9.5	2.8	0.4	2.7	1.0	2318	53	2391	26	2454	9	2454.4	8.6	94.5
13SI34-14	38	1557	2.0	14.6	8.8	1.1	9.5	0.1	3.5	0.4	712	24	755	50	885	182	711.5	23.8	80.4
13SI34-16	536	7814	0.7	21.6	24.2	0.0	24.5	0.0	4.2	0.2	34	1	34	8	11	589	34.2	1.4	NA
13SI34-17	1483	41066	2.9	21.4	4.2	0.0	4.7	0.0	2.0	0.4	48	1	48	2	37	101	47.8	1.0	NA
13SI34-18	139	32802	0.5	17.6	3.1	0.6	3.5	0.1	1.6	0.5	482	8	482	14	484	69	481.7	7.6	99.5
13SI34-19	242	65191	1.0	12.9	1.0	2.0	1.6	0.2	1.3	0.8	1103	13	1114	11	1134	19	1134.3	19.2	97.2
13SI34-20	260	195579	1.2	15.9	1.9	0.9	2.2	0.1	1.2	0.5	656	8	668	11	707	39	656.0	7.6	92.8
13SI34-21	102	22678	1.0	17.8	6.3	0.6	6.6	0.1	1.8	0.3	489	8	484	25	464	140	488.6	8.4	105.4
13SI34-22	63	56844	1.4	10.2	0.7	3.8	2.3	0.3	2.2	1.0	1609	32	1602	19	1593	13	1592.7	12.6	101.0
13SI34-23	812	206087	1.0	17.4	1.3	0.6	1.9	0.1	1.4	0.7	466	6	474	7	511	28	466.0	6.2	91.2
13SI34-26	58	29588	1.3	18.8	8.2	0.6	8.4	0.1	1.9	0.2	488	9	462	31	337	187	487.7	8.7	144.8
13SI34-27	150	5883	1.5	27.1	41.9	0.0	42.3	0.0	6.0	0.1	49	3	39	16	-560	###	49.1	2.9	NA
13SI34-28	16	5031	0.4	22.9	35.7	0.5	36.5	0.1	7.6	0.2	513	37	410	124	-132	907	512.9	37.4	NA
13SI34-31	267	66911	0.6	17.6	2.7	0.7	3.4	0.1	2.1	0.6	522	11	514	14	481	59	522.0	10.8	108.5
13SI34-32	55	6140	0.7	17.7	7.1	0.6	7.3	0.1	1.3	0.2	483	6	482	28	474	158	483.0	6.1	101.8
13SI34-34	507	13398	0.6	22.4	14.5	0.0	15.0	0.0	3.7	0.2	52	2	49	7	-72	357	51.6	1.9	NA
13SI34-35	497	88881	1.2	17.6	1.8	0.6	2.0	0.1	0.9	0.4	476	4	477	7	484	39	476.1	4.0	98.4
13SI34-36	582	46476	74.8	17.0	1.1	0.6	1.9	0.1	1.5	0.8	468	7	483	7	555	24	468.1	6.8	84.4
13SI34-37	139	51583	1.3	17.5	2.7	0.6	3.7	0.1	2.5	0.7	474	12	478	14	494	59	474.2	11.6	96.0

Table B1 Zircon U-Pb Crystallization ages

				Isotope ratios							Apparent ages (Ma)								
Analysis	U (ppm)	206Pb 204Pb	U/Th	206Pb* 207Pb*	± (%)	207Pb* 235U*	± (%)	206Pb* 238U	± (%)	error corr.	206Pb* 238U*	± (Ma)	207Pb* 235U	± (Ma)	206Pb* 207Pb*	± (Ma)	Best age (Ma)	± (Ma)	Conc (%)
13SI34-38	120	16943	1.5	12.5	103.1	0.1	103.5	0.0	8.1	0.1	50	4	84	84	1198	195	50.4	4.1	NA
13SI34-39	765	22568	2.3	21.4	11.4	0.0	11.6	0.0	2.1	0.2	37	1	37	4	33	273	37.0	0.8	NA
13SI34-40	29	9511	1.4	14.0	5.8	1.4	6.2	0.1	2.3	0.4	843	18	880	37	976	119	975.9	118.7	86.4
13SI34-41	70	52263	1.5	10.1	1.6	3.6	4.3	0.3	4.0	0.9	1496	54	1540	34	1600	29	1600.0	29.2	93.5
13SI34-42	238	11445	1.4	17.0	3.4	0.6	4.9	0.1	3.6	0.7	459	16	477	19	561	73	459.4	15.9	81.9
13SI34-43	25	16622	0.5	12.9	8.2	2.1	8.6	0.2	2.6	0.3	1171	28	1156	59	1129	164	1129.0	163.6	103.7
13SI34-44	1092	111631	1.1	14.0	0.4	0.9	2.5	0.1	2.5	1.0	541	13	631	12	966	8	541.2	12.8	56.0
13SI34-45	96	41257	1.2	13.8	1.9	1.7	2.8	0.2	2.1	0.7	992	19	994	18	1000	39	999.5	38.7	99.3
13SI34-46	115	20088	0.8	17.8	6.7	0.6	7.1	0.1	2.3	0.3	482	10	478	27	460	150	481.5	10.5	104.6
13SI34-47	183	60352	0.9	12.5	0.8	2.1	1.1	0.2	0.7	0.6	1119	7	1144	7	1190	16	1190.0	16.3	94.1
13SI34-48	156	103050	1.3	13.5	0.9	1.7	1.3	0.2	0.9	0.7	1001	8	1012	8	1036	18	1036.2	18.1	96.6
13SI34-51	272	133987	2.1	15.1	1.2	1.2	1.6	0.1	1.1	0.7	774	8	783	9	811	24	773.8	8.2	95.4
13SI34-52	203	357293	1.5	10.1	0.4	3.8	1.1	0.3	1.0	0.9	1581	14	1595	9	1613	7	1613.4	6.8	98.0
13SI34-53	625	16892	1.6	13.7	0.6	1.7	5.7	0.2	5.7	1.0	995	52	1002	36	1016	13	1016.1	13.0	97.9
13SI34-54	161	85404	1.9	6.5	2.0	8.3	3.8	0.4	3.2	0.8	2127	58	2262	34	2386	34	2386.5	34.0	89.1
13SI34-56	174	33052	2.0	12.6	1.4	2.2	1.7	0.2	0.8	0.5	1171	9	1174	11	1179	28	1179.1	28.2	99.3
13SI34-58	238	58597	1.3	17.7	2.3	0.6	2.5	0.1	1.1	0.4	477	5	476	10	470	51	477.4	4.9	101.5
13SI34-60	443	11183	0.9	20.4	20.9	0.0	21.3	0.0	4.1	0.2	42	2	44	9	144	494	42.1	1.7	NA
13SI34-61	304	6835	1.2	27.9	41.6	0.0	41.8	0.0	3.5	0.1	51	2	39	16	-644	###	51.1	1.8	NA
13SI34-64	1219	40067	1.9	13.9	0.4	0.9	1.2	0.1	1.1	0.9	564	6	657	6	991	9	564.0	5.8	56.9
13SI34-67	86	19866	0.7	18.2	9.0	0.6	9.4	0.1	2.8	0.3	472	13	462	35	414	201	472.1	12.8	114.1
13SI34-68	76	13402	0.9	17.6	8.4	0.6	8.7	0.1	2.4	0.3	488	11	487	34	485	185	488.0	11.4	100.7
13SI34-69	96	101728	0.3	12.5	1.6	2.2	2.3	0.2	1.6	0.7	1184	17	1186	16	1190	32	1190.5	31.9	99.4
13SI34-70	349	141986	1.0	17.5	1.2	0.6	1.6	0.1	1.1	0.7	481	5	485	6	502	26	481.5	5.3	95.9
13SI34-71	136	3096	1.1	21.2	37.6	0.0	38.2	0.0	6.6	0.2	49	3	49	18	55	926	48.6	3.2	NA
13SI34-72	322	59992	0.9	17.6	2.3	0.6	2.7	0.1	1.4	0.5	468	6	472	10	489	50	468.3	6.5	95.7
13SI34-73	179	28519	1.2	17.4	4.2	0.6	4.4	0.1	1.4	0.3	489	7	493	17	514	92	488.8	6.7	95.0
13SI34-74	175	22471	1.2	12.8	2.6	1.0	5.9	0.1	5.3	0.9	585	30	714	30	1146	52	584.9	29.8	51.0
13SI34-75	86	3873	1.8	11.3	161.9	0.1	162.1	0.0	9.1	0.1	64	6	116	179	1387	408	63.7	5.7	NA
13SI34-76	320	120442	1.0	13.8	0.7	1.7	1.2	0.2	1.0	0.8	1019	9	1014	8	1003	15	1003.4	15.2	101.5
13SI34-77	104	46459	4.0	9.9	1.1	3.8	3.6	0.3	3.4	0.9	1553	47	1590	29	1638	21	1638.3	20.9	94.8
13SI34-78	316	7314	1.6	21.3	13.7	0.1	14.2	0.0	3.7	0.3	64	2	63	9	43	329	63.9	2.4	NA
13SI34-79	80	37676	1.0	12.5	2.0	2.2	2.4	0.2	1.2	0.5	1192	13	1193	17	1195	40	1194.6	40.4	99.8
13SI34-80	112	50977	1.1	13.4	2.0	1.9	2.1	0.2	0.8	0.4	1072	8	1069	14	1065	40	1064.7	39.6	100.7
13SI34-81	148	5990	1.3	30.6	50.0	0.0	50.4	0.0	6.0	0.1	48	3	34	17	-908	###	48.3	2.9	NA
13SI34-82	43	9694	0.4	18.1	12.6	0.7	13.2	0.1	3.7	0.3	577	20	545	56	417	284	576.6	20.3	138.2
13SI34-83	69	58077	1.8	13.7	2.8	1.7	4.0	0.2	2.9	0.7	996	27	1000	26	1008	56	1008.5	56.1	98.8
13SI34-84	773	13026	3.4	23.2	8.9	0.0	9.1	0.0	1.9	0.2	48	1	44	4	-160	221	48.3	0.9	NA
13SI34-85	280	153568	1.2	17.4	1.9	0.5	5.0	0.1	4.6	0.9	406	18	422	17	508	41	406.0	18.2	79.9
13SI34-86	156	163086	0.9	12.5	0.9	2.2	2.2	0.2	2.0	0.9	1176	22	1181	15	1192	17	1191.7	17.4	98.7
13SI34-87	155	103977	1.3	12.7	0.8	2.1	2.2	0.2	2.1	0.9	1144	22	1150	15	1161	15	1160.9	15.0	98.6
13SI34-88	525	106266	10.6	17.7	1.4	0.2	4.9	0.0	4.7	1.0	163	8	185	8	473	31	163.5	7.6	NA
13SI34-89	340	13160	0.7	24.4	19.3	0.0	19.5	0.0	2.8	0.1	46	1	40	8	-287	495	46.0	1.3	NA
13SI34-90	17	5930	1.3	18.7	38.3	0.6	38.8	0.1	6.1	0.2	474	28	454	143	354	896	473.9	27.8	133.8
13SI34-91	996	35040	1.9	13.9	0.4	1.0	2.1	0.1	2.1	1.0	591	12	679	10	983	9	591.2	11.6	60.2

Table B1 Zircon U-Pb Crystallization ages

				Isotope ratios							Apparent ages (Ma)								
Analysis	U	206Pb	U/Th	206Pb*	±	207Pb*	±	206Pb*	±	error	206Pb*	±	207Pb*	±	206Pb*	±	Best age	±	Conc
	(ppm)	204Pb		207Pb*	(%)	235U*	(%)	238U	(%)	corr.	238U*	(Ma)	235U	(Ma)	207Pb*	(Ma)	(Ma)	(Ma)	(%)
13SI34-92	947	67559	3.4	17.5	0.7	0.5	2.7	0.1	2.6	1.0	372	9	390	9	496	15	372.2	9.3	NA
13SI34-93	141	159005	1.0	10.4	0.7	3.5	3.1	0.3	3.0	1.0	1499	41	1518	25	1543	13	1543.3	13.2	97.2
13SI34-95	116	4003	0.9	20.3	44.4	0.1	45.1	0.0	8.3	0.2	48	4	50	22	159	###	47.8	4.0	NA
13SI34-96	92	37778	2.1	14.1	2.4	1.6	7.7	0.2	7.3	1.0	962	66	962	48	961	49	960.7	48.6	100.1
13SI34-98	330	493141	2.1	9.8	0.3	3.9	1.3	0.3	1.3	1.0	1598	19	1623	11	1656	5	1656.1	5.4	96.5
13SI34-99	203	10054	1.3	27.3	15.3	0.1	17.5	0.0	8.5	0.5	86	7	67	11	-584	417	86.1	7.2	NA
13SI34-R33	220	32858	0.8	17.8	2.6	0.5	3.3	0.1	2.0	0.6	424	8	430	11	461	58	424.5	8.1	92.1
13SI34-103	391	4230	1.0	24.9	26.4	0.0	26.8	0.0	4.4	0.2	31	1	27	7	-338	690	30.7	1.3	NA
13SI34-104	411	100377	1.9	17.3	1.8	0.6	6.2	0.1	5.9	1.0	445	25	457	23	517	40	444.7	25.4	86.1
13SI34-105	547	13845	16.3	20.5	8.5	0.1	8.7	0.0	2.0	0.2	52	1	53	5	134	200	51.6	1.0	NA
13SI34-106	476	24460	1.0	12.6	0.4	2.1	1.6	0.2	1.5	1.0	1121	15	1143	11	1185	8	1185.3	7.8	94.6
13SI34-107	306	7888	4.0	21.5	27.9	0.1	28.1	0.0	3.7	0.1	51	2	50	14	26	680	50.6	1.9	NA
13SI34-Spot 18	782	24402	48.6	11.8	7.3	0.0	8.4	0.0	4.2	0.5	13	1	23	2	1314	142	12.6	0.5	NA
13SI34-Spot 25	4519	1103788	6.1	20.8	0.9	0.0	2.3	0.0	2.1	0.9	26	1	27	1	99	22	26.3	0.6	NA
13SI34-Spot 67	453	21057	0.9	21.4	2.0	0.0	3.3	0.0	2.6	0.8	31	1	31	1	40	49	31.3	0.8	NA
13SI34-Spot 60	2323	14507	25.8	21.6	1.2	0.0	2.7	0.0	2.4	0.9	35	1	34	1	17	29	34.7	0.8	NA
13SI34-Spot 19	3459	26077	21.2	20.4	1.2	0.0	4.7	0.0	4.5	1.0	36	2	38	2	153	29	36.4	1.6	NA
13SI34-Spot 90	797	46319	5.3	20.8	1.6	0.0	3.5	0.0	3.1	0.9	38	1	39	1	105	38	37.5	1.2	NA
13SI34-Spot 119	2803	12578	0.0	16.5	2.2	0.0	5.4	0.0	4.9	0.9	38	2	49	3	629	48	38.0	1.9	NA
13SI34-Spot 5	659	115582	1.8	19.9	2.0	0.0	3.0	0.0	2.3	0.8	38	1	41	1	201	46	38.2	0.9	NA
13SI34-Spot 111	161	15780	0.7	19.7	3.4	0.0	4.4	0.0	2.8	0.7	40	1	43	2	232	78	40.1	1.1	NA
13SI34-Spot 105	1177	31846	0.9	19.3	2.5	0.0	4.0	0.0	3.1	0.8	41	1	45	2	277	57	40.9	1.3	NA
13SI34-Spot 10	777	62112	2.5	21.1	1.7	0.0	2.6	0.0	2.0	0.8	41	1	42	1	74	41	41.4	0.8	NA
13SI34-Spot 21	761	48951	4.5	18.6	3.2	0.0	3.7	0.0	1.9	0.5	42	1	48	2	365	73	41.5	0.8	NA
13SI34-Spot 32	4868	50152	10.6	21.1	0.9	0.0	2.5	0.0	2.4	0.9	43	1	43	1	67	22	42.8	1.0	NA
13SI34-Spot 11	231	14959	1.0	20.4	3.2	0.0	4.1	0.0	2.5	0.6	44	1	46	2	152	74	43.9	1.1	NA
13SI34-Spot 20	841	39418	2.7	20.7	1.1	0.0	2.4	0.0	2.1	0.9	46	1	47	1	112	26	45.8	1.0	NA
13SI34-Spot 50	138	41985	5.7	20.9	3.4	0.0	5.6	0.0	4.4	0.8	46	2	47	3	89	81	46.2	2.0	NA
13SI34-Spot 128	888	17780	10.0	21.4	1.3	0.0	2.6	0.0	2.2	0.9	47	1	47	1	34	32	46.8	1.0	NA
13SI34-Spot 52	265	17601	14.3	22.1	2.8	0.0	3.9	0.0	2.7	0.7	47	1	45	2	40	68	47.0	1.3	NA
13SI34-Spot 127	540	11502	2.9	21.5	1.9	0.0	3.3	0.0	2.7	0.8	48	1	47	2	19	45	47.6	1.3	NA
13SI34-Spot 137	852	41845	2.5	20.8	1.4	0.0	3.1	0.0	2.8	0.9	48	1	49	2	98	33	48.1	1.3	NA
13SI34-Spot 47	649	25933	5.5	21.2	1.7	0.0	2.7	0.0	2.1	0.8	49	1	49	1	57	40	48.5	1.0	NA
13SI34-Spot 6	384	40833	2.3	20.8	2.2	0.1	3.4	0.0	2.6	0.8	49	1	50	2	108	53	48.5	1.3	NA
13SI34-Spot 133	600	33386	1.4	20.7	1.2	0.1	2.7	0.0	2.4	0.9	49	1	50	1	117	29	48.6	1.2	NA
13SI34-Spot 40	413	26389	5.1	20.7	1.5	0.1	2.8	0.0	2.3	0.8	49	1	50	1	116	36	48.7	1.1	NA
13SI34-Spot 45	213	14945	1.5	21.1	3.1	0.0	4.5	0.0	3.3	0.7	49	2	49	2	64	73	48.8	1.6	NA
13SI34-Spot 76	309	10669	2.8	21.1	1.7	0.1	3.1	0.0	2.6	0.8	49	1	50	2	72	40	49.4	1.3	NA
13SI34-Spot 55	661	35258	6.9	20.7	1.6	0.1	2.6	0.0	2.1	0.8	49	1	51	1	119	37	49.4	1.0	NA
13SI34-Spot 107	252	22332	2.4	20.9	2.4	0.1	4.0	0.0	3.1	0.8	50	2	51	2	95	57	49.5	1.5	NA
13SI34-Spot 103	1182	23773	0.5	21.1	1.2	0.1	2.9	0.0	2.6	0.9	50	1	50	1	65	28	50.1	1.3	NA
13SI34-Spot 53	158	16324	6.3	21.7	3.3	0.0	4.6	0.0	3.2	0.7	51	2	49	2	3	79	50.5	1.6	NA
13SI34-Spot 80	619	11588	29.2	21.4	1.9	0.1	3.2	0.0	2.5	0.8	51	1	50	2	38	47	50.6	1.3	NA
13SI34-Spot 41	66	23663	1.6	19.4	3.7	0.1	6.1	0.0	4.8	0.8	51	2	56	3	260	85	50.9	2.4	NA
13SI34-Spot 27	80	94572	1.6	20.5	3.7	0.1	5.3	0.0	3.8	0.7	51	2	53	3	136	86	51.2	2.0	NA

Table B1 Zircon U-Pb Crystallization ages

				Isotope ratios							Apparent ages (Ma)								
Analysis	U	206Pb	U/Th	206Pb*	±	207Pb*	±	206Pb*	±	error	206Pb*	±	207Pb*	±	206Pb*	±	Best age	±	Conc
	(ppm)	204Pb		207Pb*	(%)	235U*	(%)	238U	(%)	corr.	238U*	(Ma)	235U	(Ma)	207Pb*	(Ma)	(Ma)	(Ma)	(%)
13SI34-Spot 16	474	37922	1.1	20.8	1.9	0.1	3.3	0.0	2.7	0.8	51	1	53	2	106	46	51.4	1.4	NA
13SI34-Spot 38	362	33976	1.6	19.8	1.6	0.1	2.6	0.0	2.0	0.8	51	1	55	1	219	37	51.4	1.0	NA
13SI34-Spot 7	133	18579	1.4	20.4	3.4	0.1	4.5	0.0	2.8	0.6	52	2	54	2	148	81	51.7	1.5	NA
13SI34-Spot 97	1157	72603	1.0	19.8	1.4	0.1	4.3	0.0	4.1	1.0	54	2	58	2	218	32	53.7	2.2	NA
13SI34-Spot 92	215	15217	3.0	20.6	2.5	0.1	4.1	0.0	3.3	0.8	55	2	56	2	127	60	54.5	1.8	NA
13SI34-Spot 78	135	46117	2.4	21.3	3.5	0.1	4.4	0.0	2.6	0.6	55	1	54	2	44	85	54.6	1.4	NA
13SI34-Spot 147	182	9380	1.9	20.8	2.4	0.1	3.7	0.0	2.9	0.8	55	2	56	2	104	56	54.7	1.6	NA
13SI34-Spot 34	191	13110	2.1	22.1	2.8	0.1	3.7	0.0	2.5	0.7	56	1	54	2	37	67	56.2	1.4	NA
13SI34-Spot 102	150	46540	1.7	19.6	2.7	0.1	4.0	0.0	3.0	0.7	57	2	61	2	236	62	56.6	1.7	NA
13SI34-Spot 15	122	15840	3.4	14.1	7.8	0.1	8.5	0.0	3.4	0.4	57	2	84	7	962	160	56.6	1.9	NA
13SI34-Spot 87	94	47339	1.7	21.7	3.5	0.1	5.1	0.0	3.7	0.7	57	2	56	3	1	85	57.2	2.1	NA
13SI34-Spot 65	768	21060	1.6	13.0	8.0	0.1	8.9	0.0	4.1	0.5	59	2	94	8	1115	159	59.0	2.4	NA
13SI34-Spot 96	137	8115	1.5	21.3	2.1	0.1	4.8	0.0	4.3	0.9	59	3	59	3	42	50	59.1	2.6	NA
13SI34-Spot 54	126	9881	2.5	19.7	3.4	0.1	4.9	0.0	3.6	0.7	59	2	64	3	231	79	59.4	2.1	NA
13SI34-Spot 83	2628	340365	9.9	20.6	1.1	0.1	2.4	0.0	2.2	0.9	60	1	62	1	125	25	59.8	1.3	NA
13SI34-Spot 99	69	44522	1.3	20.7	4.1	0.1	5.4	0.0	3.5	0.6	61	2	62	3	109	98	60.5	2.1	NA
13SI34-Spot 106	414	46780	3.6	20.9	1.4	0.1	2.6	0.0	2.1	0.8	61	1	62	2	95	34	60.8	1.3	NA
13SI34-Spot 112	1971	207986	4.3	20.4	1.1	0.1	2.3	0.0	2.0	0.9	62	1	64	1	146	26	61.6	1.2	NA
13SI34-Spot 58	230	26858	2.1	21.1	2.2	0.1	3.4	0.0	2.6	0.8	63	2	63	2	74	52	63.1	1.6	NA
13SI34-Spot 81	398	38044	2.5	19.7	1.8	0.1	3.2	0.0	2.7	0.8	64	2	68	2	226	42	63.6	1.7	NA
13SI34-Spot 63	629	74130	3.6	21.2	1.3	0.1	2.8	0.0	2.5	0.9	64	2	64	2	53	30	63.8	1.6	NA
13SI34-Spot 31	98	24222	2.8	21.3	3.6	0.1	5.4	0.0	4.0	0.7	65	3	65	3	45	87	65.0	2.6	NA
13SI34-Spot 9	182	34618	1.5	21.5	2.3	0.1	3.6	0.0	2.7	0.8	66	2	65	2	21	56	66.2	1.8	NA
13SI34-Spot 94	2040	136832	5.8	20.7	1.1	0.1	2.6	0.0	2.3	0.9	66	2	68	2	113	27	66.4	1.5	NA
13SI34-Spot 43	117	20515	1.3	20.9	3.2	0.1	4.6	0.0	3.3	0.7	68	2	68	3	92	77	67.6	2.2	NA
13SI34-Spot 130	315	66435	2.1	20.8	2.1	0.1	3.7	0.0	3.1	0.8	68	2	69	3	104	50	68.1	2.1	NA
13SI34-Spot 14	2411	10220	24.1	7.8	0.8	0.4	2.5	0.0	2.3	1.0	148	3	349	7	2077	14	147.5	3.4	NA
13SI34-Spot 115	140	79164	3.1	18.0	2.2	0.2	4.1	0.0	3.5	0.9	178	6	197	7	439	48	177.5	6.1	NA
13SI34-Spot 29	408	28423	7.0	20.1	0.9	0.2	3.4	0.0	3.3	1.0	179	6	180	6	189	22	178.9	5.8	NA
13SI34-Spot 51	787	84885	1.2	20.0	1.0	0.2	1.9	0.0	1.7	0.9	190	3	190	3	198	23	189.7	3.2	NA
13SI34-Spot 123	379	70660	27.2	17.6	1.1	0.2	2.7	0.0	2.5	0.9	194	5	218	5	486	23	193.6	4.8	NA
13SI34-Spot 61	480	551517	3.9	19.9	0.9	0.2	2.3	0.0	2.1	0.9	215	5	214	5	203	20	215.4	4.5	NA
13SI34-Spot 28	456	275187	6.1	15.2	0.8	0.4	2.8	0.0	2.6	1.0	281	7	344	8	798	17	280.5	7.3	NA
13SI34-Spot 46	328	63110	1.9	16.6	0.9	0.4	3.6	0.0	3.5	1.0	294	10	333	10	619	19	293.7	10.1	NA
13SI34-Spot 24	820	52875	3.8	16.7	1.3	0.4	3.6	0.1	3.4	0.9	339	11	374	11	594	29	339.2	11.2	NA
13SI34-Spot 120	705	265109	24.6	13.7	1.1	0.5	2.1	0.1	1.9	0.9	342	6	444	8	1015	22	341.9	6.2	NA
13SI34-Spot 131	135	168693	4.0	16.9	1.2	0.4	3.3	0.1	3.0	0.9	343	10	375	10	576	27	343.0	10.2	NA
13SI34-Spot 110	133	45271	2.3	13.8	1.2	0.6	6.6	0.1	6.4	1.0	379	24	481	25	999	25	379.1	23.7	NA
13SI34-Spot 44	269	61019	3.9	17.6	0.9	0.5	3.0	0.1	2.8	1.0	413	11	423	10	479	21	412.9	11.4	86.2
13SI34-Spot 95	450	57960	2.4	17.6	1.0	0.5	2.8	0.1	2.6	0.9	425	11	434	10	479	21	425.3	10.8	88.9
13SI34-Spot 26	1601	25482312	9.0	17.1	0.8	0.6	2.2	0.1	2.0	0.9	446	9	463	8	550	17	446.0	8.8	81.2
13SI34-Spot 13	199	21337	1.8	17.5	1.0	0.6	2.6	0.1	2.3	0.9	458	10	463	10	491	23	457.9	10.3	93.2
13SI34-Spot 69	219	95873	1.4	17.4	1.0	0.6	2.7	0.1	2.5	0.9	464	11	471	10	506	23	464.2	11.1	91.7
13SI34-Spot 126	609	123421	378.0	16.9	0.9	0.6	2.3	0.1	2.0	0.9	468	9	486	9	569	21	468.4	9.3	82.3
13SI34-Spot 148	624	55665	11.5	17.4	0.8	0.6	2.2	0.1	2.0	0.9	469	9	476	8	507	18	469.4	9.1	92.6

Table B1 Zircon U-Pb Crystallization ages

				Isotope ratios							Apparent ages (Ma)								
Analysis	U	206Pb	U/Th	206Pb*	±	207Pb*	±	206Pb*	±	error	206Pb*	±	207Pb*	±	206Pb*	±	Best age	±	Conc
	(ppm)	204Pb		207Pb*	(%)	235U*	(%)	238U	(%)	corr.	238U*	(Ma)	235U	(Ma)	207Pb*	(Ma)	(Ma)	(Ma)	(%)
13SI34-Spot 48	225	379489	2.4	17.2	0.9	0.6	3.0	0.1	2.9	1.0	477	13	487	12	534	20	477.3	13.4	89.4
13SI34-Spot 100	1877	300124	1.8	17.4	0.9	0.6	2.7	0.1	2.5	0.9	493	12	497	11	516	20	492.9	11.8	95.6
13SI34-Spot 56	45	32134	2.1	16.9	1.8	0.7	4.5	0.1	4.1	0.9	502	20	515	18	570	39	502.2	20.0	88.2
13SI34-Spot 36	223	32324	1.6	17.2	0.9	0.7	2.4	0.1	2.2	0.9	505	11	510	10	533	19	505.0	10.8	94.7
13SI34-Spot 23	358	131303	1.1	17.1	0.9	0.7	2.2	0.1	2.0	0.9	513	10	519	9	545	19	513.3	10.0	94.3
13SI34-Spot 70	70	57236	0.5	16.6	1.3	0.7	3.5	0.1	3.3	0.9	522	16	540	15	615	28	522.3	16.4	84.9
13SI34-Spot 113	60	71133	1.0	17.3	1.7	0.7	4.3	0.1	4.0	0.9	526	20	525	18	522	38	525.9	20.0	100.8
13SI34-Spot 85	118	61437	2.0	16.7	1.1	0.7	3.4	0.1	3.2	1.0	534	17	546	14	595	24	533.9	16.5	89.7
13SI34-Spot 93	85	43510	0.7	15.9	0.9	0.8	3.8	0.1	3.7	1.0	570	20	599	17	710	20	570.3	20.4	80.3
13SI34-Spot 143	52	35107	0.2	16.2	1.4	0.8	4.8	0.1	4.6	1.0	580	26	597	22	661	30	580.4	25.8	87.8
13SI34-Spot 57	148	70977	0.4	16.9	1.0	0.8	2.6	0.1	2.3	0.9	597	13	593	12	578	22	597.2	13.4	103.3
13SI34-Spot 82	226	60117	2.3	13.9	0.8	1.7	3.5	0.2	3.4	1.0	1008	32	1000	23	982	17	982.4	17.2	102.6
13SI34-Spot 33	602	92533	2.4	13.8	0.8	1.6	1.9	0.2	1.7	0.9	984	16	989	12	998	16	998.3	15.6	98.6
13SI34-Spot 134	377	505505	1.8	13.8	1.1	1.5	2.4	0.2	2.2	0.9	920	19	944	15	1000	22	1000.4	22.1	92.0
13SI34-Spot 74	130	86121	1.9	13.7	1.4	1.6	3.0	0.2	2.6	0.9	978	24	987	19	1007	28	1007.2	28.3	97.1
13SI34-Spot 72	216	87203	1.8	13.7	0.8	1.6	2.5	0.2	2.3	1.0	961	21	977	15	1014	16	1013.9	16.3	94.8
13SI34-Spot 1	113	96017	2.4	13.6	1.0	1.7	3.4	0.2	3.3	1.0	997	30	1007	22	1028	19	1028.0	19.3	97.0
13SI34-Spot 42	95	43185	1.9	13.4	0.9	1.6	3.5	0.2	3.4	1.0	943	30	979	22	1062	19	1061.8	19.0	88.8
13SI34-Spot 77	319	593807	2.7	13.3	1.0	1.7	3.6	0.2	3.4	1.0	1003	32	1024	23	1070	19	1070.2	19.3	93.7
13SI34-Spot 116	72	27038	1.5	13.3	1.0	1.5	3.6	0.1	3.5	1.0	877	28	935	22	1074	20	1074.3	19.7	81.6
13SI34-Spot 114	58	88236	1.5	13.0	1.2	2.0	3.8	0.2	3.6	1.0	1112	36	1113	25	1116	24	1115.8	23.9	99.6
13SI34-Spot 108	41	47745	0.8	13.0	1.1	2.0	4.2	0.2	4.1	1.0	1117	42	1119	29	1121	22	1121.1	22.3	99.6
13SI34-Spot 124	182	18196	2.0	12.8	1.1	1.8	3.7	0.2	3.5	1.0	1009	33	1055	24	1150	21	1150.4	21.0	87.7
13SI34-Spot 135	108	219761	0.9	12.8	1.0	2.0	3.4	0.2	3.2	1.0	1081	32	1105	23	1151	20	1151.1	19.5	93.9
13SI34-Spot 91	837	120753	52.1	12.8	0.7	1.8	1.8	0.2	1.6	0.9	1001	15	1050	12	1154	14	1154.3	13.6	86.7
13SI34-Spot 118	395	143640	1.9	12.7	0.8	2.0	2.4	0.2	2.2	0.9	1100	23	1120	16	1159	16	1158.9	15.6	94.9
13SI34-Spot 17	110	33520	1.9	12.6	0.8	2.2	2.6	0.2	2.5	1.0	1164	27	1167	18	1174	15	1173.5	15.3	99.2
13SI34-Spot 129	629	862555	47.2	12.6	0.9	1.9	2.7	0.2	2.6	0.9	1052	25	1095	18	1181	18	1181.3	17.9	89.1
13SI34-Spot 149	197	327809	0.8	12.5	0.9	2.2	3.1	0.2	3.0	1.0	1193	33	1193	22	1192	17	1192.2	17.3	100.0
13SI34-Spot 125	75	42416	1.2	12.4	0.9	2.1	3.0	0.2	2.9	1.0	1101	29	1137	21	1206	17	1206.3	17.4	91.3
13SI34-Spot 109	299	58739	2.0	12.4	0.7	2.2	3.2	0.2	3.1	1.0	1183	33	1196	22	1219	14	1219.3	14.1	97.0
13SI34-Spot 49	145	63228	4.4	12.2	0.9	2.4	3.0	0.2	2.8	1.0	1239	32	1244	21	1251	18	1251.1	17.7	99.1
13SI34-Spot 141	175	87976	1.6	12.2	0.9	2.4	3.0	0.2	2.9	1.0	1218	32	1230	21	1252	18	1252.1	18.1	97.3
13SI34-Spot 140	508	91208	5.5	11.1	1.0	2.7	2.6	0.2	2.4	0.9	1262	27	1327	19	1434	20	1433.8	19.8	88.0
13SI34-Spot 3	192	391390	1.3	11.0	0.7	3.1	2.2	0.2	2.0	0.9	1431	26	1436	17	1445	14	1445.0	13.9	99.0
13SI34-Spot 66	286	118042	1.2	10.4	0.7	3.0	2.8	0.2	2.7	1.0	1324	33	1415	22	1554	13	1554.0	12.5	85.2
13SI34-Spot 71	196	617170	2.9	10.2	0.7	3.5	3.2	0.3	3.1	1.0	1502	42	1536	25	1584	13	1583.5	13.3	94.9
13SI34-Spot 12	97	262709	2.3	10.1	0.9	3.9	4.1	0.3	4.0	1.0	1610	57	1608	33	1605	16	1604.7	16.3	100.3
13SI34-Spot 37	284	70818	1.9	10.0	0.6	3.2	2.4	0.2	2.3	1.0	1339	28	1450	18	1615	12	1615.2	12.1	82.9
13SI34-Spot 79	246	58906	1.4	9.6	2.1	4.0	2.8	0.3	1.9	0.7	1584	26	1631	23	1692	39	1692.1	38.9	93.6
13SI34-Spot 122	296	460444	1.6	4.3	0.8	18.2	2.8	0.6	2.7	1.0	2907	62	2999	27	3060	12	3060.2	12.4	95.0
13SI34-Spot 146	42	110673	1.8	3.8	0.7	23.0	2.9	0.6	2.9	1.0	3178	72	3228	29	3259	10	3259.3	10.4	97.5
13SI40-Spot 102	3907	10266	112.8	17.0	2.4	0.0	3.5	0.0	2.5	0.7	3	0	4	0	555	53	3.2	0.1	NA
13SI40-Spot 100	425	13693	20.9	21.9	2.5	0.0	3.3	0.0	2.1	0.6	29	1	28	1	16	61	28.8	0.6	NA
13SI40-Spot 134	1634	10107	0.0	20.4	3.4	0.0	5.8	0.0	4.7	0.8	30	1	32	2	146	81	30.3	1.4	NA

Table B1 Zircon U-Pb Crystallization ages

				Isotope ratios							Apparent ages (Ma)								
Analysis	U	206Pb	U/Th	206Pb*	±	207Pb*	±	206Pb*	±	error	206Pb*	±	207Pb*	±	206Pb*	±	Best age	±	Conc
	(ppm)	204Pb		207Pb*	(%)	235U*	(%)	238U	(%)	corr.	238U*	(Ma)	235U	(Ma)	207Pb*	(Ma)	(Ma)	(Ma)	(%)
13SI40-Spot 28	611	49891	18.6	20.9	2.1	0.0	4.1	0.0	3.5	0.9	31	1	31	1	96	49	30.5	1.1	NA
13SI40-Spot 16	212	24806	1.3	22.6	3.2	0.0	4.6	0.0	3.3	0.7	31	1	30	1	95	78	31.1	1.0	NA
13SI40-Spot 149	2319	52850	9.6	21.4	1.5	0.0	3.2	0.0	2.9	0.9	32	1	32	1	36	35	32.3	0.9	NA
13SI40-Spot 27	1268	37098	1.1	16.8	4.3	0.0	5.6	0.0	3.6	0.7	38	1	48	3	581	92	37.8	1.4	NA
13SI40-Spot 97	99	36737	1.6	18.2	4.6	0.0	6.1	0.0	4.0	0.7	39	2	45	3	409	103	38.7	1.6	NA
13SI40-Spot 80	341	38159	1.9	20.7	2.7	0.0	5.1	0.0	4.4	0.9	39	2	40	2	114	64	38.8	1.7	NA
13SI40-Spot 127	322	34252	1.6	20.1	2.0	0.0	4.1	0.0	3.6	0.9	39	1	41	2	180	47	38.8	1.4	NA
13SI40-Spot 34	2699	18314	2.6	21.4	1.2	0.0	3.3	0.0	3.1	0.9	40	1	40	1	31	29	39.7	1.2	NA
13SI40-Spot 107	1309	33494	2.2	21.2	1.5	0.0	3.2	0.0	2.8	0.9	40	1	41	1	60	37	40.1	1.1	NA
13SI40-Spot 31	793	11697	5.5	21.6	1.7	0.0	2.9	0.0	2.3	0.8	41	1	41	1	12	41	41.1	1.0	NA
13SI40-Spot 91	318	26606	1.5	20.3	2.8	0.0	4.4	0.0	3.3	0.8	42	1	44	2	158	67	41.9	1.4	NA
13SI40-Spot 144	720	17274	3.4	21.4	1.5	0.0	4.0	0.0	3.7	0.9	46	2	46	2	33	35	45.7	1.7	NA
13SI40-Spot 40	187	150435	2.4	21.0	2.8	0.0	3.9	0.0	2.7	0.7	48	1	48	2	78	67	47.7	1.3	NA
13SI40-Spot 116	639	30853	2.1	20.5	2.3	0.1	4.2	0.0	3.6	0.9	48	2	50	2	142	53	48.1	1.7	NA
13SI40-Spot 49	124	6967	2.3	22.1	3.3	0.0	6.2	0.0	5.3	0.9	49	3	47	3	40	80	49.2	2.6	NA
13SI40-Spot 13	960	41304	7.1	21.6	1.6	0.0	4.3	0.0	3.9	0.9	50	2	49	2	12	39	49.5	1.9	NA
13SI40-Spot 130	166	19158	1.8	21.1	3.2	0.1	4.4	0.0	3.1	0.7	50	2	50	2	64	76	49.9	1.5	NA
13SI40-Spot 58	804	17480	3.1	20.8	1.5	0.1	3.2	0.0	2.8	0.9	51	1	52	2	101	36	50.7	1.4	NA
13SI40-Spot 124	166	14551	2.8	22.4	2.8	0.0	4.6	0.0	3.6	0.8	52	2	49	2	78	69	52.0	1.8	NA
13SI40-Spot 70	341	23129	4.4	16.2	6.1	0.1	7.6	0.0	4.5	0.6	53	2	69	5	671	132	52.7	2.4	NA
13SI40-Spot 23	145	22806	3.1	21.5	3.2	0.1	4.8	0.0	3.6	0.8	53	2	52	3	23	77	53.0	1.9	NA
13SI40-Spot 61	3386	51256	7.5	20.8	1.2	0.1	3.6	0.0	3.4	1.0	54	2	55	2	100	27	53.9	1.8	NA
13SI40-Spot 92	1678	51354	6.3	21.1	1.2	0.1	4.1	0.0	3.9	1.0	55	2	55	2	74	29	54.8	2.1	NA
13SI40-Spot 32	120	11967	2.2	10.9	8.0	0.1	9.0	0.0	4.0	0.5	56	2	107	9	1471	153	56.3	2.3	NA
13SI40-Spot 104	908	66391	3.4	21.6	1.3	0.1	3.5	0.0	3.2	0.9	57	2	55	2	10	32	56.5	1.8	NA
13SI40-Spot 24	1743	70860	4.7	21.1	1.6	0.1	3.6	0.0	3.2	0.9	58	2	59	2	73	39	58.3	1.9	NA
13SI40-Spot 111	56	6269	2.5	23.4	4.0	0.1	5.2	0.0	3.4	0.7	60	2	55	3	180	99	59.9	2.0	NA
13SI40-Spot 119	1091	568795	2.3	20.5	1.6	0.1	4.1	0.0	3.8	0.9	64	2	66	3	138	38	63.8	2.4	NA
13SI40-Spot 98	2543	84194	3.6	21.3	1.2	0.1	3.3	0.0	3.1	0.9	67	2	66	2	44	28	66.6	2.1	NA
13SI40-Spot 45	161	13320	2.0	20.3	2.3	0.1	4.2	0.0	3.5	0.8	70	2	73	3	164	54	70.0	2.4	NA
13SI40-Spot 65	1378	57052	2.3	20.7	0.8	0.1	3.4	0.0	3.3	1.0	83	3	84	3	114	20	82.8	2.7	NA
13SI40-Spot 108	135	28768	2.3	20.3	2.2	0.2	4.2	0.0	3.6	0.9	142	5	143	6	155	52	141.8	5.0	NA
13SI40-Spot 121	210	78704	1.8	20.1	1.7	0.2	3.7	0.0	3.3	0.9	179	6	179	6	180	41	178.5	5.8	NA
13SI40-Spot 30	291	262315	3.2	19.6	1.2	0.2	2.8	0.0	2.6	0.9	206	5	209	5	239	27	206.4	5.3	NA
13SI40-Spot 14	2199	76365	13.4	17.1	1.0	0.3	3.3	0.0	3.2	1.0	215	7	245	7	542	22	214.6	6.7	NA
13SI40-Spot 132	1012	52550	124.6	15.8	1.2	0.4	3.4	0.0	3.2	0.9	256	8	307	9	718	26	255.7	8.0	NA
13SI40-Spot 56	7442	48293	2.3	16.8	1.2	0.3	5.1	0.0	5.0	1.0	257	13	292	13	589	27	256.5	12.5	NA
13SI40-Spot 141	434	167750	2.9	16.9	1.5	0.3	3.8	0.0	3.5	0.9	260	9	294	10	573	33	259.9	8.9	NA
13SI40-Spot 101	14132	288452	2.3	18.0	1.0	0.3	4.7	0.0	4.6	1.0	275	13	293	12	438	22	275.1	12.5	NA
13SI40-Spot 139	22763	214492	5.3	18.1	1.0	0.3	6.3	0.0	6.2	1.0	290	18	305	17	418	23	289.9	17.5	NA
13SI40-Spot 3	187	52515	2.9	17.2	1.0	0.4	3.8	0.0	3.7	1.0	300	11	328	11	531	22	300.1	10.8	NA
13SI40-Spot 72	2917	104708	2.9	17.2	1.2	0.4	4.2	0.1	4.1	1.0	334	13	361	13	539	25	333.5	13.3	NA
13SI40-Spot 4	343	51130	2.0	17.5	1.2	0.4	3.4	0.1	3.2	0.9	337	10	359	10	500	26	337.4	10.4	NA
13SI40-Spot 38	4009	73654	1.0	17.2	1.1	0.4	3.4	0.1	3.3	1.0	344	11	369	11	534	24	343.6	10.9	NA
13SI40-Spot 138	844	97773	7.0	16.3	1.2	0.5	3.8	0.1	3.6	1.0	380	13	420	13	649	26	380.0	13.3	NA

Table B1 Zircon U-Pb Crystallization ages

				Isotope ratios							Apparent ages (Ma)								
Analysis	U	206Pb	U/Th	206Pb*	±	207Pb*	±	206Pb*	±	error	206Pb*	±	207Pb*	±	206Pb*	±	Best age	±	Conc
	(ppm)	204Pb		207Pb*	(%)	235U*	(%)	238U	(%)	corr.	238U*	(Ma)	235U	(Ma)	207Pb*	(Ma)	(Ma)	(Ma)	(%)
13SI40-Spot 128	458	48554	9.9	18.3	1.2	0.5	4.2	0.1	4.0	1.0	395	15	395	14	393	27	395.3	15.3	NA
13SI40-Spot 10	587	140007	2.2	17.2	1.4	0.6	4.8	0.1	4.6	1.0	438	19	454	18	536	30	438.3	19.4	81.9
13SI40-Spot 126	2437	76948	1.5	17.0	1.4	0.6	3.1	0.1	2.8	0.9	445	12	463	12	555	30	444.7	11.9	80.2
13SI40-Spot 73	1234	62661	15.2	17.4	1.2	0.6	3.6	0.1	3.4	0.9	445	14	457	13	514	26	445.4	14.4	86.7
13SI40-Spot 115	348	61692	1.5	17.5	1.1	0.6	3.4	0.1	3.2	1.0	446	14	454	12	494	24	445.6	13.9	90.2
13SI40-Spot 140	650	112951	7.9	17.3	1.4	0.6	4.0	0.1	3.8	0.9	448	16	459	15	518	30	447.6	16.4	86.4
13SI40-Spot 71	1022	109622	9.9	17.6	1.3	0.6	3.6	0.1	3.4	0.9	456	15	461	14	487	30	455.8	14.9	93.7
13SI40-Spot 52	3263	780333	1.4	17.2	0.9	0.6	2.9	0.1	2.8	1.0	457	12	470	11	532	19	457.2	12.2	86.0
13SI40-Spot 83	693	93751	3.0	17.7	1.2	0.6	4.3	0.1	4.1	1.0	457	18	460	16	470	26	457.4	18.2	97.3
13SI40-Spot 113	926	93430	0.9	17.6	1.1	0.6	3.0	0.1	2.8	0.9	458	13	463	11	485	24	458.2	12.6	94.5
13SI40-Spot 86	624	71552	3.0	17.6	1.0	0.6	2.9	0.1	2.7	0.9	462	12	466	11	486	23	461.5	11.9	95.0
13SI40-Spot 33	352	76371	1.7	17.5	1.4	0.6	3.2	0.1	3.0	0.9	463	13	470	12	502	30	462.9	13.2	92.2
13SI40-Spot 84	167	79166	2.1	17.7	1.3	0.6	5.2	0.1	5.1	1.0	465	23	465	20	467	30	464.8	22.7	99.6
13SI40-Spot 129	452	54281	7.7	17.7	1.1	0.6	3.2	0.1	3.0	0.9	465	13	466	12	469	24	464.9	13.3	99.2
13SI40-Spot 54	1573	1009453	1.7	17.7	1.0	0.6	3.5	0.1	3.3	1.0	465	15	467	13	476	22	465.3	14.9	97.8
13SI40-Spot 47	946	145015	2.8	17.4	1.2	0.6	3.8	0.1	3.5	0.9	466	16	473	14	506	27	466.1	15.9	92.2
13SI40-Spot 74	977	100545	1.3	17.3	1.1	0.6	3.0	0.1	2.7	0.9	466	12	475	11	516	25	466.2	12.3	90.3
13SI40-Spot 18	241	95800	2.0	17.8	1.3	0.6	5.1	0.1	5.0	1.0	469	22	467	19	461	29	468.5	22.4	101.5
13SI40-Spot 79	1135	140602	2.0	17.5	1.0	0.6	3.4	0.1	3.3	1.0	469	15	474	13	499	22	468.6	14.7	94.0
13SI40-Spot 147	601	63210	2.2	17.4	1.1	0.6	3.3	0.1	3.1	1.0	469	14	476	13	507	23	469.0	14.2	92.6
13SI40-Spot 148	1217	89027	3.4	17.6	1.2	0.6	3.3	0.1	3.1	0.9	470	14	472	13	482	26	469.9	14.1	97.5
13SI40-Spot 122	714	58825	3.1	17.6	1.0	0.6	3.2	0.1	3.1	1.0	471	14	473	12	483	22	470.8	13.9	97.5
13SI40-Spot 103	1721	400190	1.5	17.8	2.2	0.6	4.7	0.1	4.2	0.9	471	19	470	18	464	48	471.4	19.2	101.5
13SI40-Spot 62	280	469117	1.2	17.5	1.1	0.6	2.9	0.1	2.7	0.9	472	12	476	11	495	25	471.6	12.1	95.2
13SI40-Spot 48	255	18264	1.8	17.7	1.1	0.6	6.3	0.1	6.2	1.0	472	28	471	24	466	24	471.6	28.2	101.2
13SI40-Spot 26	381	114255	1.4	17.4	1.0	0.6	2.9	0.1	2.7	0.9	473	12	479	11	506	22	472.7	12.2	93.4
13SI40-Spot 1	271	40549	2.5	17.3	1.2	0.6	3.5	0.1	3.3	0.9	473	15	482	13	524	26	472.8	15.0	90.2
13SI40-Spot 125	235	82530	1.4	17.6	1.2	0.6	3.1	0.1	2.9	0.9	475	13	476	12	480	27	474.5	13.1	98.8
13SI40-Spot 63	1830	139811	11.1	17.4	0.9	0.6	2.9	0.1	2.8	1.0	475	13	480	11	505	20	475.3	12.8	94.2
13SI40-Spot 22	586	332567	2.7	17.4	0.9	0.6	2.8	0.1	2.7	1.0	478	12	483	11	505	20	478.1	12.3	94.8
13SI40-Spot 9	654	62874	1.5	17.6	1.1	0.6	3.4	0.1	3.2	0.9	479	15	480	13	483	25	479.1	14.7	99.1
13SI40-Spot 118	1008	162460	1.4	17.7	1.2	0.6	3.0	0.1	2.7	0.9	479	13	478	11	473	27	479.1	12.6	101.3
13SI40-Spot 105	745	150925	2.4	17.8	0.9	0.6	3.5	0.1	3.4	1.0	482	16	478	14	461	21	481.6	15.8	104.5
13SI40-Spot 117	666	706285	4.9	17.7	1.0	0.6	3.9	0.1	3.7	1.0	482	17	480	15	468	22	482.2	17.3	103.1
13SI40-Spot 143	304	33165	2.4	17.3	1.2	0.6	3.4	0.1	3.2	0.9	486	15	493	13	527	27	485.6	14.8	92.1
13SI40-Spot 2	860	76753	2.0	17.5	1.3	0.6	3.8	0.1	3.5	0.9	490	17	491	15	493	28	490.2	16.6	99.5
13SI40-Spot 36	101	48402	1.1	17.6	1.7	0.6	4.7	0.1	4.3	0.9	495	21	492	18	479	38	494.9	20.6	103.2
13SI40-Spot 82	232	409603	1.9	17.4	1.5	0.6	3.8	0.1	3.5	0.9	501	17	504	15	515	32	501.3	16.9	97.4
13SI40-Spot 99	646	84257	132.8	15.4	1.2	1.0	4.0	0.1	3.9	1.0	685	25	706	21	773	26	684.8	25.1	88.6
13SI40-Spot 85	145	47306	1.3	14.4	1.2	1.3	4.4	0.1	4.3	1.0	799	32	832	25	919	24	799.4	32.2	87.0
13SI40-Spot 67	124	36366	3.0	14.0	1.1	1.5	3.5	0.1	3.3	0.9	887	27	910	21	966	23	965.9	23.4	91.8
13SI40-Spot 131	1147	121705	8.2	13.7	1.1	1.5	3.5	0.1	3.4	1.0	872	28	912	21	1008	22	1007.9	22.4	86.5
13SI40-Spot 19	278	50026	2.1	13.7	1.0	1.6	3.2	0.2	3.0	1.0	949	27	968	20	1011	20	1010.9	19.7	93.8
13SI40-Spot 41	1444	293504	1.4	13.5	0.9	1.6	2.9	0.2	2.7	1.0	938	24	969	18	1038	19	1038.4	18.6	90.3
13SI40-Spot 95	124	58367	1.7	13.1	1.1	1.8	3.4	0.2	3.2	1.0	1001	30	1034	22	1106	22	1106.3	22.1	90.4

Table B1 Zircon U-Pb Crystallization ages

				Isotope ratios							Apparent ages (Ma)								
Analysis	U	206Pb	U/Th	206Pb*	±	207Pb*	±	206Pb*	±	error	206Pb*	±	207Pb*	±	206Pb*	±	Best age	±	Conc
	(ppm)	204Pb		207Pb*	(%)	235U*	(%)	238U	(%)	corr.	238U*	(Ma)	235U	(Ma)	207Pb*	(Ma)	(Ma)	(Ma)	(%)
13SI40-Spot 88	225	60518	1.4	12.9	1.0	2.0	3.1	0.2	2.9	0.9	1129	30	1132	21	1138	20	1138.1	20.2	99.2
13SI40-Spot 37	218	78042	1.5	12.8	1.0	2.1	3.2	0.2	3.0	1.0	1141	32	1143	22	1146	19	1146.4	19.3	99.5
13SI40-Spot 50	285	61446	2.5	12.7	1.2	2.1	3.4	0.2	3.1	0.9	1124	32	1138	23	1164	23	1164.2	23.3	96.5
13SI40-Spot 109	127	60357	2.9	12.7	0.8	2.1	3.5	0.2	3.4	1.0	1133	36	1145	24	1167	17	1167.4	16.7	97.0
13SI40-Spot 112	290	73431	1.5	12.6	1.1	2.0	4.1	0.2	4.0	1.0	1104	40	1127	28	1174	22	1173.5	21.9	94.0
13SI40-Spot 6	170	472426	0.8	12.6	1.1	2.2	3.9	0.2	3.8	1.0	1164	40	1172	27	1187	22	1187.4	22.2	98.0
13SI40-Spot 44	547	192994	2.1	12.5	1.2	2.1	3.8	0.2	3.6	1.0	1112	37	1140	26	1194	23	1193.5	22.9	93.2
13SI40-Spot 57	277	80187	1.9	12.5	1.2	2.0	3.4	0.2	3.2	0.9	1096	32	1131	23	1199	23	1198.8	23.0	91.4
13SI40-Spot 42	177	56284	2.2	12.4	1.2	2.1	3.5	0.2	3.2	0.9	1104	33	1143	24	1217	23	1217.2	23.4	90.7
13SI40-Spot 43	582	57603	5.6	12.3	0.9	2.1	4.2	0.2	4.1	1.0	1109	42	1148	29	1223	18	1223.1	17.6	90.7
13SI40-Spot 81	303	69757	2.3	12.3	1.2	2.1	3.5	0.2	3.3	1.0	1108	34	1150	24	1230	23	1230.2	22.6	90.0
13SI40-Spot 120	595	279467	11.5	12.3	1.1	2.0	3.5	0.2	3.3	1.0	1078	33	1131	24	1233	21	1233.3	21.2	87.4
13SI40-Spot 146	196	74684	2.1	12.2	1.3	2.0	4.8	0.2	4.6	1.0	1057	45	1119	32	1242	26	1242.0	25.9	85.1
13SI40-Spot 96	168	162283	1.1	12.2	1.2	2.4	4.1	0.2	3.9	1.0	1219	43	1229	29	1246	24	1246.2	24.4	97.8
13SI40-Spot 114	319	250913	1.7	11.8	1.2	2.7	3.2	0.2	3.0	0.9	1320	36	1316	24	1309	23	1308.7	22.7	100.9
13SI40-Spot 11	1962	721670	22.5	11.6	1.1	2.3	3.3	0.2	3.1	0.9	1128	32	1202	23	1338	21	1337.9	20.6	84.3
13SI40-Spot 7	121	49617	3.0	11.6	1.4	2.6	4.5	0.2	4.3	1.0	1285	50	1309	33	1349	26	1349.3	26.3	95.2
13SI40-Spot 64	249	62574	4.9	11.2	1.4	2.7	3.5	0.2	3.2	0.9	1301	37	1341	26	1405	26	1404.8	26.1	92.6
13SI40-Spot 15	322	254998	3.5	10.8	1.3	2.9	4.0	0.2	3.8	1.0	1319	45	1380	30	1475	24	1475.4	23.8	89.4
13SI40-Spot 75	93	51761	1.6	10.7	3.4	3.4	8.4	0.3	7.7	0.9	1497	102	1500	66	1505	65	1504.5	65.0	99.5
13SI40-Spot 35	181	263041	2.1	10.6	1.1	3.1	3.4	0.2	3.2	1.0	1367	39	1429	26	1521	21	1521.2	20.5	89.9
13SI40-Spot 25	355	355661	1.2	10.5	1.2	3.2	3.3	0.2	3.1	0.9	1414	39	1459	26	1526	23	1525.7	22.7	92.6
13SI40-Spot 136	395	288921	1.9	10.5	1.2	2.8	4.7	0.2	4.5	1.0	1256	52	1363	35	1533	23	1533.4	22.6	81.9
13SI40-Spot 29	399	2141493	4.1	10.4	1.1	3.2	3.9	0.2	3.8	1.0	1411	48	1466	31	1548	22	1547.7	21.6	91.2
13SI40-Spot 66	76	1706502	2.1	10.3	1.3	3.7	4.6	0.3	4.4	1.0	1572	61	1572	37	1571	25	1571.3	24.7	100.0
13SI40-Spot 51	140	91675	2.0	10.2	1.4	3.6	3.6	0.3	3.3	0.9	1539	45	1556	28	1578	26	1578.0	26.4	97.5
13SI40-Spot 17	612	967451	2.2	10.1	1.1	3.3	3.4	0.2	3.2	1.0	1410	41	1487	27	1598	20	1597.5	19.8	88.3
13SI40-Spot 145	406	87873	2.2	10.1	1.0	3.4	3.1	0.2	2.9	0.9	1434	38	1502	24	1599	19	1599.0	19.2	89.7
13SI40-Spot 110	39	51189	1.7	10.0	1.2	3.6	4.4	0.3	4.3	1.0	1510	57	1556	35	1619	22	1618.7	22.4	93.3
13SI40-Spot 69	296	279562	3.4	10.0	1.0	3.7	4.1	0.3	4.0	1.0	1532	55	1570	33	1621	18	1620.7	18.1	94.5
13SI40-Spot 89	183	54170	2.0	10.0	1.1	3.6	4.1	0.3	4.0	1.0	1501	53	1551	33	1621	21	1621.1	20.5	92.6
13SI40-Spot 123	1564	365157	2.9	10.0	1.0	3.6	3.4	0.3	3.2	1.0	1495	43	1552	27	1630	19	1629.7	18.8	91.7
13SI40-Spot 53	4584	2074961	14.5	10.0	1.2	3.8	3.1	0.3	2.9	0.9	1574	41	1599	25	1632	22	1631.8	21.5	96.5
13SI40-Spot 60	290	71853	7.0	9.9	1.0	3.4	2.5	0.2	2.3	0.9	1421	29	1510	20	1638	18	1637.9	17.7	86.8
13SI40-Spot 135	481	88900	5.2	9.9	0.8	3.9	3.4	0.3	3.4	1.0	1594	47	1616	28	1645	14	1645.3	14.2	96.9
13SI40-Spot 142	192	77338	1.6	9.9	1.0	4.0	3.3	0.3	3.2	1.0	1604	45	1625	27	1652	18	1652.0	17.8	97.1
13SI40-Spot 90	399	314563	3.2	9.8	1.0	4.0	3.7	0.3	3.5	1.0	1622	51	1638	30	1659	18	1658.9	18.4	97.7
13SI40-Spot 94	1614	537043	3.4	9.7	1.0	3.9	2.7	0.3	2.5	0.9	1583	35	1623	22	1676	18	1676.1	18.1	94.4
13SI40-Spot 20	1150	278670	2.5	9.5	1.3	4.1	3.5	0.3	3.2	0.9	1603	46	1654	28	1719	23	1718.7	23.4	93.3
13SI40-Spot 76	140	71375	1.2	7.0	0.9	7.8	3.1	0.4	3.0	1.0	2142	55	2203	28	2259	15	2259.2	14.9	94.8
13SI40-Spot 78	325	343516	3.7	6.2	1.2	9.6	3.5	0.4	3.3	0.9	2316	63	2401	32	2475	20	2474.5	19.5	93.6
13SI40-Spot 46	153	98083	2.6	6.0	1.2	11.0	3.1	0.5	2.8	0.9	2523	59	2522	29	2521	20	2520.8	19.9	100.1
13SI40-Spot 87	256	98784	6.8	5.0	1.0	12.7	4.6	0.5	4.5	1.0	2447	92	2660	44	2827	16	2826.8	16.4	86.5