

Supplementary Table 2. LA–ICP–MS U–Pb data of zircons from the Qiaotou Formation, Liaoning and Jilin Provinces

Sample No.	Pb	Th	U	Th/U	Pb	<sup>207</sup> Pb/ <sup>206</sup> Pb	<sup>207</sup> Pb/ <sup>206</sup> Pb	<sup>207</sup> Pb/ <sup>235</sup> U	<sup>207</sup> Pb/ <sup>235</sup> U	<sup>206</sup> Pb/ <sup>238</sup> U	<sup>206</sup> Pb/ <sup>238</sup> U	rho	<sup>207</sup> Pb/ <sup>206</sup> Pb	<sup>207</sup> Pb/ <sup>206</sup> Pb	<sup>207</sup> Pb/ <sup>235</sup> U	<sup>207</sup> Pb/ <sup>235</sup> U	<sup>206</sup> Pb/ <sup>238</sup> U	<sup>206</sup> Pb/ <sup>238</sup> U	Disconcordance
	Total	232	238	Common Pb	Ratio	1sigma	Ratio	1sigma	Ratio	1sigma	Age (Ma)		1sigma	Age (Ma)	1sigma	Age (Ma)	1sigma		
Sample17DL02-1 (38°54'45.10"N , 121°08'13.19"E)																			
Detrital zircons																			
17DL02-1-01	217	122.7	133.9	0.92	0.0000	0.1014	0.0017	3.9571	0.0750	0.2842	0.0046	0.8583	1650	29.63	1625	15.39	1612	23.21	2.3
17DL02-1-02	185	98.9	145.4	0.68	0.0000	0.0990	0.0016	3.9857	0.0955	0.2915	0.0046	0.6553	1606	29.78	1631	19.49	1649	22.87	-2.6
17DL02-1-03	381	289	268	1.08	11.00	0.0862	0.0013	2.5813	0.0597	0.2170	0.0038	0.7649	1343	25.00	1295	16.95	1266	20.34	6.0
17DL02-1-04	439	249	340	0.73	0.0000	0.0979	0.0012	3.8691	0.1018	0.2858	0.0060	0.8035	1587	23.92	1607	21.27	1621	30.32	-2.1
17DL02-1-05	235	231	84.2	2.74	17.0	0.0787	0.0019	2.0532	0.0559	0.1897	0.0033	0.6449	1165	47.68	1133	18.60	1120	18.06	4.0
17DL02-1-06	161	97.7	89.4	1.09	0.0000	0.0985	0.0016	3.9314	0.0839	0.2903	0.0054	0.8653	1595	31.48	1620	17.31	1643	26.80	-2.9
17DL02-1-07	120	95.9	107.5	0.89	23.8	0.0787	0.0014	2.2388	0.0500	0.2064	0.0033	0.7064	1165	35.95	1193	15.69	1210	17.40	-3.7
17DL02-1-08	133	78.7	86.0	0.92	42.0	0.0966	0.0017	3.6838	0.0782	0.2767	0.0040	0.6870	1559	33.33	1568	16.98	1575	20.38	-1.0
17DL02-1-09	156	135.5	116.1	1.17	0.0000	0.0810	0.0015	2.2349	0.0498	0.1999	0.0027	0.5993	1220	36.57	1192	15.64	1175	14.35	3.9
17DL02-1-10	457	151.7	583	0.26	8.03	0.1097	0.0013	5.0026	0.1100	0.3302	0.0065	0.8935	1795	22.22	1820	18.64	1839	31.44	-2.4
17DL02-1-11	410	207	299	0.69	16.3	0.1077	0.0014	4.6846	0.0920	0.3150	0.0048	0.7745	1761	24.39	1765	16.48	1765	23.52	-0.2
17DL02-1-12	239	143.7	203	0.71	20.88	0.0933	0.0015	3.4062	0.0742	0.2643	0.0040	0.6966	1495	29.78	1506	17.12	1512	20.45	-1.1
17DL02-1-13	456	332	556	0.60	7.98	0.0813	0.0010	2.3951	0.0564	0.2134	0.0044	0.8670	1229	24.07	1241	16.90	1247	23.17	-1.4
17DL02-1-14	196	105.9	130.6	0.81	2.14	0.1048	0.0016	4.4190	0.0883	0.3060	0.0046	0.7485	1710	27.78	1716	16.58	1721	22.60	-0.6
17DL02-1-15	238	119.5	129.1	0.93	0.0000	0.1066	0.0015	4.9157	0.0844	0.3354	0.0052	0.8970	1743	27.01	1805	14.55	1864	24.97	-6.5
17DL02-1-16	194	173	118.1	1.47	25.6	0.0784	0.0014	2.1112	0.0488	0.1950	0.0030	0.6549	1158	35.18	1152	15.95	1149	15.95	0.8
17DL02-1-17	107	60.8	75.8	0.80	4.449	0.0997	0.0026	3.9355	0.1085	0.2870	0.0045	0.5636	1620	48.15	1621	22.36	1626	22.36	-0.4
17DL02-1-18	317	177	237	0.75	17.5	0.1021	0.0015	4.3214	0.0853	0.3074	0.0051	0.8333	1662	26.55	1697	16.32	1728	24.94	-3.8
17DL02-1-19	194	128.2	124.1	1.03	22.83	0.0983	0.0020	3.4716	0.0840	0.2566	0.0050	0.8013	1592	37.34	1521	19.11	1472	25.55	8.1
17DL02-1-21	149	55.7	183	0.30	0.0000	0.1066	0.0015	5.0135	0.1125	0.3412	0.0065	0.8452	1743	25.77	1822	19.04	1893	31.12	-7.9
17DL02-1-22	408	175	266	0.66	7.56	0.1188	0.0015	6.1267	0.1282	0.3742	0.0068	0.8634	1939	22.23	1994	18.32	2049	31.74	-5.4
17DL02-1-23	224	196	162	1.21	41.3	0.0772	0.0014	2.1367	0.0413	0.2016	0.0030	0.7657	1126	36.27	1161	13.39	1184	16.01	-4.9
17DL02-1-24	123.0	43.0	164.1	0.26	30.6	0.1083	0.0015	5.1132	0.1045	0.3432	0.0059	0.8383	1770	25.93	1838	17.41	1902	28.25	-6.9
17DL02-1-25	235	172	343	0.50	0.0000	0.0792	0.0011	2.2728	0.0437	0.2084	0.0034	0.8365	1189	27.78	1204	13.59	1220	17.90	-2.6
17DL02-1-26	394	276	206	1.34	31.8	0.0901	0.0012	3.2805	0.0609	0.2642	0.0038	0.7687	1428	21.30	1476	14.49	1511	19.25	-5.5
17DL02-1-27	261	124.3	280	0.44	37.6	0.1033	0.0014	4.1673	0.1046	0.2923	0.0063	0.8540	1684	24.08	1668	20.58	1653	31.26	1.9
17DL02-1-28	304	78.9	605	0.13	5.35	0.1066	0.0012	4.4460	0.0829	0.3025	0.0050	0.8864	1743	20.06	1721	15.50	1704	24.76	2.3
17DL02-1-29	318	253	341	0.74	18.00	0.0796	0.0011	2.2759	0.0484	0.2073	0.0034	0.7705	1187	23.61	1205	15.03	1214	18.16	-2.3
17DL02-1-30	186	108.6	128.3	0.85	12.66	0.0956	0.0013	3.7670	0.0754	0.2859	0.0047	0.8203	1540	21.76	1586	16.09	1621	23.53	-5.0
17DL02-1-31	710	354	583	0.61	0.0000	0.1023	0.0012	4.3698	0.0781	0.3098	0.0049	0.8847	1666	15.90	1707	14.81	1740	24.12	-4.2
17DL02-1-32	455	292	211	1.39	0.0000	0.0984	0.0012	3.8875	0.0678	0.2868	0.0045	0.8950	1594	22.22	1611	14.12	1626	22.44	-1.9
17DL02-1-33	307	196	187	1.05	0.0000	0.0966	0.0014	3.5699	0.0714	0.2678	0.0039	0.7353	1561	27.01	1543	15.89	1530	20.03	2.1
17DL02-1-34	238.1	27.5	747	0.04	13.83	0.0923	0.0010	3.4364	0.0652	0.2699	0.0046	0.9015	1476	19.91	1513	14.97	1540	23.46	-4.2
17DL02-1-35	303	235	148.1	1.59	35.0	0.0851	0.0014	2.7298	0.0642	0.2323	0.0038	0.6987	1318	31.48	1337	17.51	1347	19.99	-2.1
17DL02-1-36	313	174	262	0.66	0.0000	0.0958	0.0012	3.8278	0.0832	0.2892	0.0046	0.7287	1544	24.08	1599	17.53	1637	22.92	-5.7

17DL02-1-37	358	204	274	0.74	26.4	0.0976	0.0013	3.8254	0.0799	0.2848	0.0052	0.8722	1589	25.92	1598	16.84	1615	26.04	-1.6
17DL02-1-38	191	108.8	141.9	0.77	0.0000	0.1017	0.0015	4.0035	0.0967	0.2857	0.0057	0.8236	1655	27.78	1635	19.66	1620	28.51	2.2
17DL02-1-39	125	100.4	115.6	0.87	0.0000	0.0757	0.0016	2.0980	0.0550	0.2012	0.0033	0.6259	1087	36.58	1148	18.05	1182	17.73	-8.0
17DL02-1-40	260	161	172	0.93	0.00	0.0967	0.0015	3.5990	0.0847	0.2698	0.0044	0.6962	1561	29.63	1549	18.72	1540	22.45	1.4
17DL02-1-41	344	155	330	0.47	8.34	0.1079	0.0015	4.6642	0.0988	0.3140	0.0057	0.8581	1765	25.62	1761	17.76	1760	28.02	0.3
17DL02-1-42	62.17	3.82	314	0.01	0.0000	0.0768	0.0012	2.0399	0.0460	0.1931	0.0039	0.8867	1117	29.63	1129	15.37	1138	20.85	-1.9
17DL02-1-43	103	81.3	109.7	0.74	0.0000	0.0805	0.0018	2.1796	0.0556	0.1969	0.0033	0.6570	1209	43.36	1175	17.76	1159	17.77	4.4
17DL02-1-44	153	95.0	81.7	1.16	0.0000	0.0990	0.0017	3.7683	0.0892	0.2759	0.0040	0.6116	1606	32.25	1586	19.02	1571	20.20	2.2
17DL02-1-45	159	95.1	94.8	1.00	0.0000	0.1015	0.0016	4.0154	0.0947	0.2873	0.0054	0.7953	1651	29.94	1637	19.20	1628	27.00	1.4
17DL02-1-46	65.3	58.5	61.0	0.96	18.1	0.0787	0.0019	2.0208	0.0611	0.1863	0.0033	0.5893	1165	48.15	1123	20.54	1101	18.04	5.8
17DL02-1-47	98	79.4	87.0	0.91	17.1	0.0797	0.0019	2.1791	0.0553	0.1989	0.0030	0.5852	1191	47.06	1174	17.70	1169	15.91	1.8
17DL02-1-48	156	93.5	141.1	0.66	17.5	0.0929	0.0014	3.2398	0.0782	0.2531	0.0049	0.8096	1487	28.55	1467	18.75	1454	25.45	2.3
17DL02-1-49	284	156	215	0.72	0.0000	0.1009	0.0013	4.0350	0.0794	0.2901	0.0048	0.8460	1643	23.92	1641	16.06	1642	24.16	0.0
17DL02-1-50	172	154	88.4	1.74	7.44	0.0788	0.0016	2.1355	0.0497	0.1967	0.0030	0.6530	1169	39.35	1160	16.11	1158	16.11	0.9
17DL02-1-51	172	80.6	143.4	0.56	3.74	0.1117	0.0018	4.9413	0.1079	0.3208	0.0054	0.7702	1828	28.40	1809	18.48	1794	26.35	1.9
17DL02-1-52	277	144.6	291	0.50	39.7	0.1068	0.0013	4.3151	0.0661	0.2932	0.0035	0.7863	1746	23.30	1696	12.67	1657	17.61	5.4
17DL02-1-53	463	242	319	0.76	0.0000	0.1069	0.0014	4.5968	0.0875	0.3119	0.0049	0.8322	1747	22.99	1749	15.93	1750	24.31	-0.2
17DL02-1-54	189	120.8	114.0	1.06	5.50	0.0970	0.0014	3.4870	0.0652	0.2606	0.0037	0.7663	1569	25.92	1524	14.79	1493	19.11	5.1
17DL02-1-55	284	171	179	0.96	0.0000	0.1015	0.0013	3.9199	0.0789	0.2799	0.0048	0.8565	1654	24.07	1618	16.32	1591	24.32	3.9
17DL02-1-56	162	101.7	87.6	1.16	3.87	0.0997	0.0019	3.7391	0.0875	0.2721	0.0044	0.6953	1618	35.18	1580	18.79	1551	22.46	4.3
17DL02-1-57	312	191	111.9	1.71	19.5	0.1051	0.0017	4.3407	0.1059	0.2993	0.0059	0.8043	1717	29.47	1701	20.17	1688	29.16	1.7
17DL02-1-58	114	95.2	110.5	0.86	0.0000	0.0808	0.0015	2.1916	0.0497	0.1970	0.0034	0.7524	1217	32.41	1178	15.82	1159	18.09	5.0
17DL02-1-59	218	123.8	163	0.76	13.81	0.1010	0.0014	4.0031	0.0732	0.2876	0.0044	0.8411	1643	26.08	1635	14.89	1629	22.15	0.8
17DL02-1-60	139.4	44.9	206	0.22	37.4	0.1074	0.0014	4.6163	0.0931	0.3111	0.0047	0.7562	1755	28.70	1752	16.87	1746	23.35	0.5
17DL02-1-61	579	388	222	1.75	0.0000	0.0997	0.0013	3.8452	0.0733	0.2797	0.0048	0.8925	1620	24.54	1602	15.41	1590	24.00	1.9
17DL02-1-62	208	113.3	142.0	0.80	42.0	0.1048	0.0015	4.3617	0.0915	0.3022	0.0054	0.8459	1710	27.78	1705	17.36	1702	26.55	0.5
17DL02-1-63	184	167	149.5	1.12	0.0000	0.0789	0.0015	2.0906	0.0498	0.1917	0.0028	0.6023	1170	31.02	1146	16.38	1131	14.89	3.5
17DL02-1-64	184	86.8	165	0.53	27.5	0.1111	0.0015	4.8009	0.0882	0.3132	0.0042	0.7231	1817	22.99	1785	15.48	1757	20.44	3.4
17DL02-1-65	290	140.9	246	0.57	0.0000	0.1083	0.0012	4.5651	0.0770	0.3060	0.0047	0.9017	1772	20.68	1743	14.10	1721	22.99	3.0
17DL02-1-66	199	190	105.5	1.80	0.0000	0.0795	0.0015	2.0476	0.0472	0.1868	0.0027	0.6324	1185	37.34	1131	15.75	1104	14.81	7.3
17DL02-1-67	153	87.2	98.3	0.89	58.8	0.1000	0.0018	3.9803	0.0931	0.2887	0.0045	0.6663	1633	33.33	1630	19.02	1635	22.53	-0.1
17DL02-1-68	200	109.8	123.4	0.89	2.87	0.1027	0.0015	4.2713	0.0904	0.3020	0.0049	0.7708	1673	23.15	1688	17.45	1701	24.40	-1.6
17DL02-1-69	92.7	75.7	86.4	0.88	40.8	0.0784	0.0015	2.1830	0.0563	0.2019	0.0034	0.6470	1167	37.81	1176	17.99	1185	18.08	-1.6
17DL02-1-70	845	636	941	0.68	0.0000	0.0788	0.0010	2.3006	0.0453	0.2120	0.0033	0.8010	1166	24.07	1212	13.96	1239	17.80	-5.9
17DL02-1-71	165	79.3	148.2	0.54	0.0000	0.1052	0.0017	4.4349	0.0946	0.3062	0.0047	0.7269	1717	29.47	1719	17.71	1722	23.45	-0.3
17DL02-1-72	327	158.1	247	0.64	27.3	0.1070	0.0015	4.8265	0.1003	0.3271	0.0050	0.7420	1750	25.77	1790	17.53	1824	24.53	-4.1
17DL02-1-73	239	145.9	165	0.88	0.0000	0.0969	0.0014	3.7266	0.0756	0.2791	0.0040	0.7085	1565	26.08	1577	16.28	1587	20.25	-1.4
17DL02-1-74	126	75.4	86.2	0.87	50.4	0.0957	0.0020	3.7010	0.1022	0.2826	0.0074	0.9436	1543	39.35	1572	22.10	1604	37.02	-3.9
17DL02-1-75	996	563	167	3.37	0.0000	0.1176	0.0017	5.6757	0.1228	0.3503	0.0061	0.8061	1921	25.62	1928	18.72	1936	29.18	-0.8
17DL02-1-76	299	172	189	0.91	28.5	0.0977	0.0012	3.8993	0.0866	0.2899	0.0057	0.8898	1580	19.44	1614	17.99	1641	28.66	-3.7
17DL02-1-77	498	366	691	0.53	0.0000	0.0773	0.0010	2.1995	0.0485	0.2071	0.0045	0.9760	1129	26.70	1181	15.43	1213	23.83	-7.0
17DL02-1-78	376	242	157.5	1.54	0.0000	0.1011	0.0014	3.9382	0.0772	0.2831	0.0049	0.8785	1656	27.00	1622	15.92	1607	24.52	3.0

17DL02-1-79	326	185	271	0.68	0.0000	0.0974	0.0013	3.7567	0.0795	0.2801	0.0051	0.8662	1576	24.84	1584	17.01	1592	25.88	-1.0
17DL02-1-80	144	63.1	99.7	0.63	7.06	0.1189	0.0017	5.9683	0.1195	0.3645	0.0061	0.8315	1940	25.62	1971	17.46	2004	28.68	-3.2
17DL02-1-81	317	169	241	0.70	15.54	0.1031	0.0013	4.3344	0.0896	0.3048	0.0050	0.7908	1680	22.99	1700	17.10	1715	24.63	-2.0
17DL02-1-82	96.1	81.0	90.3	0.90	0.0000	0.0814	0.0017	2.1892	0.0504	0.1953	0.0028	0.6170	1231	40.74	1178	16.05	1150	14.97	7.1
17DL02-1-83	238	144.5	167	0.87	0.0000	0.0968	0.0017	3.7381	0.0845	0.2800	0.0042	0.6638	1565	32.25	1580	18.14	1591	21.18	-1.7
17DL02-1-84	278	262	161	1.63	0.0000	0.0776	0.0013	2.1063	0.0466	0.1969	0.0033	0.7643	1139	34.42	1151	15.25	1159	17.94	-1.7
17DL02-1-85	115	94.9	120.6	0.79	0.0000	0.0809	0.0016	2.2831	0.0606	0.2043	0.0037	0.6858	1220	35.03	1207	18.76	1199	19.92	1.8
17DL02-1-86	268	76.9	121.7	0.63	10.99	0.1972	0.0022	14.9485	0.2773	0.5495	0.0094	0.9175	2803	18.51	2812	17.76	2823	38.95	-0.7
17DL02-1-87	123	108.4	106.4	1.02	0.0000	0.0783	0.0016	2.1628	0.0522	0.2005	0.0033	0.6823	1155	37.96	1169	16.77	1178	17.74	-1.9
17DL02-1-88	154	67.9	159	0.43	19.6	0.1078	0.0013	4.7952	0.0822	0.3227	0.0050	0.9093	1762	22.54	1784	14.45	1803	24.53	-2.3
17DL02-1-89	191	111.4	96.4	1.16	44.6	0.1065	0.0016	4.6974	0.0909	0.3200	0.0053	0.8616	1740	23.15	1767	16.24	1790	26.06	-2.8
17DL02-1-90	272	168	144.9	1.16	7.51	0.1015	0.0015	4.0872	0.0828	0.2915	0.0043	0.7333	1654	23.31	1652	16.56	1649	21.62	0.3
17DL02-1-91	442	230	392	0.59	0.0000	0.1042	0.0012	4.2963	0.0860	0.2985	0.0053	0.8874	1702	20.52	1693	16.52	1684	26.33	1.1
17DL02-1-92	539	325	348	0.94	0.0000	0.1017	0.0012	4.2578	0.1158	0.3033	0.0077	0.9324	1657	23.31	1685	22.40	1708	38.07	-3.0
17DL02-1-93	1751	1156	842	1.37	58.0	0.1000	0.0011	3.8951	0.0724	0.2826	0.0050	0.9499	1633	19.76	1613	15.07	1604	25.11	1.8
17DL02-1-94	288	166.9	242	0.69	5.63	0.0992	0.0013	4.0548	0.1114	0.2960	0.0070	0.8642	1609	23.45	1645	22.40	1671	34.95	-3.7
17DL02-1-95	257	118.9	204	0.58	33.9	0.1216	0.0015	5.9076	0.1245	0.3520	0.0060	0.8027	1979	17.43	1962	18.35	1944	28.42	1.8
<i>Rejected analyses (discordant &gt; 10%, error &gt; 5%)</i>																			
17DL02-1-20	78.5	66.4	72.5	0.91	8.44	0.0788	0.0022	2.1959	0.0655	0.2028	0.0033	0.5453	1169	49.54	1180	20.81	1190	17.68	-1.8

**Sample17DL03-1 (38°48'40.42"N , 121°14'30.02"E)**

<i>Detrital zircons</i>																			
17DL03-1-01	146	73.0	151	0.48	3.20	0.1032	0.0015	4.1175	0.0887	0.2896	0.0055	0.8803	1683	27.01	1658	17.63	1639	27.45	2.7
17DL03-1-02	141	102.7	151	0.68	10.81	0.0802	0.0014	2.3827	0.0481	0.2156	0.0031	0.7086	1267	34.87	1237	14.47	1259	16.37	0.6
17DL03-1-03	394	242	439	0.55	0.134	0.0904	0.0010	3.0974	0.0561	0.2481	0.0037	0.8174	1435	20.53	1432	13.94	1429	18.99	0.5
17DL03-1-04	375	173	316	0.55	4.04	0.1122	0.0012	5.0829	0.0874	0.3282	0.0048	0.8419	1835	18.37	1833	14.65	1829	23.09	0.3
17DL03-1-05	151	100.9	63.5	1.59	10.03	0.0970	0.0015	3.7127	0.0822	0.2767	0.0042	0.6816	1569	28.08	1574	17.74	1575	21.10	-0.4
17DL03-1-06	322	139.1	53.0	2.62	0.0000	0.1686	0.0025	10.8895	0.1884	0.4684	0.0064	0.7882	2544	24.23	2514	16.18	2477	28.08	2.7
17DL03-1-07	2231	2051	784	2.62	18.0	0.0791	0.0009	2.2034	0.0407	0.2017	0.0031	0.8305	1176	23.61	1182	12.91	1184	16.60	-0.7
17DL03-1-08	78.8	44.1	101.3	0.44	24.0	0.0924	0.0014	3.0894	0.0661	0.2417	0.0035	0.6693	1477	29.17	1430	16.44	1395	17.98	5.8
17DL03-1-09	161	90.3	104.7	0.86	0.0000	0.0964	0.0016	3.9255	0.0821	0.2955	0.0049	0.7981	1567	31.95	1619	16.96	1669	24.55	-6.1
17DL03-1-10	140	71.6	130.4	0.55	0.0000	0.1021	0.0015	4.1344	0.0767	0.2934	0.0041	0.7538	1663	32.41	1661	15.22	1658	20.47	0.3
17DL03-1-11	923	346	311	1.11	7.32	0.1757	0.0021	11.7739	0.2222	0.4849	0.0075	0.8158	2613	18.67	2587	17.75	2549	32.44	2.5
17DL03-1-12	153	52.8	47.1	1.12	0.0000	0.1918	0.0031	13.8414	0.2370	0.5231	0.0060	0.6720	2758	26.54	2739	16.32	2712	25.52	1.7
17DL03-1-13	1147	592	534	1.11	4.11	0.1153	0.0013	5.3955	0.0811	0.3392	0.0047	0.9280	1885	20.37	1884	12.94	1883	22.80	0.1
17DL03-1-14	131	105.2	121.9	0.86	7.59	0.0782	0.0015	2.1496	0.0450	0.1994	0.0026	0.6287	1151	33.18	1165	14.54	1172	14.14	-1.8
17DL03-1-15	387	261	228	1.14	0.0000	0.0936	0.0012	3.4214	0.0619	0.2648	0.0042	0.8725	1502	23.61	1509	14.26	1514	21.32	-0.8
17DL03-1-16	704	214	160	1.34	9.97	0.2400	0.0024	20.8616	0.3347	0.6298	0.0093	0.9233	3119	16.36	3132	15.69	3149	36.94	-0.9
17DL03-1-17	197	118.8	247	0.48	5.16	0.0909	0.0012	3.0686	0.0620	0.2442	0.0036	0.7379	1444	24.54	1425	15.51	1408	18.89	2.5
17DL03-1-18	139	85.7	137.2	0.62	4.75	0.0904	0.0015	3.1796	0.0613	0.2549	0.0034	0.6845	1435	26.86	1452	14.92	1464	17.29	-1.9
17DL03-1-19	446	185	111.1	1.66	0.0000	0.1640	0.0020	10.6926	0.1742	0.4723	0.0068	0.8869	2497	20.07	2497	15.23	2494	29.92	0.1

17DL03-1-20	272	219	422	0.52	6.95	0.0758	0.0010	1.9285	0.0360	0.1841	0.0027	0.7747	1100	25.92	1091	12.49	1089	14.49	1.0
17DL03-1-21	208	96.1	195	0.49	3.50	0.1073	0.0013	4.7765	0.0824	0.3223	0.0048	0.8703	1755	22.53	1781	14.54	1801	23.62	-2.6
17DL03-1-22	288	212	110.8	1.91	0.0000	0.0909	0.0015	3.2459	0.0621	0.2588	0.0035	0.7010	1456	31.64	1468	14.89	1483	17.80	-1.9
17DL03-1-23	88.1	55.4	80.3	0.69	16.8	0.0906	0.0016	3.0819	0.0578	0.2466	0.0030	0.6566	1439	31.95	1428	14.41	1421	15.73	1.3
17DL03-1-24	399	268	98.3	2.73	0.0000	0.1048	0.0018	4.2533	0.0841	0.2940	0.0040	0.6900	1722	31.64	1684	16.29	1661	19.99	3.7
17DL03-1-25	144	101.0	224	0.45	17.9	0.0771	0.0010	2.1237	0.0450	0.1990	0.0031	0.7353	1124	26.70	1157	14.66	1170	16.69	-3.9
17DL03-1-26	242	129.1	448	0.29	0.0000	0.0847	0.0010	2.7567	0.0470	0.2353	0.0033	0.8169	1310	22.68	1344	12.75	1362	17.14	-3.9
17DL03-1-27	184	140.4	75.2	1.87	0.0000	0.0962	0.0018	3.5630	0.1067	0.2679	0.0062	0.7736	1554	35.65	1541	23.76	1530	31.55	1.6
17DL03-1-28	112	70.8	106.5	0.67	0.0000	0.0915	0.0015	3.1995	0.0630	0.2527	0.0030	0.5988	1458	30.10	1457	15.26	1452	15.35	0.4
17DL03-1-29	199	141.9	234	0.61	0.0000	0.0817	0.0013	2.3967	0.0436	0.2125	0.0030	0.7640	1239	30.86	1242	13.05	1242	15.71	-0.3
17DL03-1-30	488	393	406	0.97	0.0000	0.0823	0.0012	2.3952	0.0433	0.2106	0.0027	0.7172	1254	23.92	1241	12.97	1232	14.54	1.8
17DL03-1-31	662	278	108.9	2.55	0.0000	0.1670	0.0023	11.2706	0.1783	0.4892	0.0065	0.8340	2527	22.07	2546	14.86	2567	27.98	-1.5
17DL03-1-32	411	229	258	0.89	2.95	0.1057	0.0013	4.4891	0.0743	0.3077	0.0043	0.8343	1728	23.61	1729	13.80	1729	20.98	-0.1
17DL03-1-33	215	142.7	165	0.86	13.17	0.0940	0.0016	3.3409	0.0702	0.2574	0.0035	0.6544	1507	31.48	1491	16.44	1477	18.15	2.1
17DL03-1-34	1269	1035	1610	0.64	2.08	0.0755	0.0008	2.0315	0.0327	0.1947	0.0026	0.8294	1083	22.22	1126	10.97	1147	14.03	-5.6
17DL03-1-35	107	36.3	39.7	0.92	12.38	0.1624	0.0027	11.2401	0.2115	0.5013	0.0055	0.5832	2481	27.63	2543	17.63	2619	23.66	-5.3
17DL03-1-36	219	118.9	128.5	0.93	0.0000	0.1104	0.0016	4.8387	0.0859	0.3177	0.0040	0.7034	1806	21.76	1792	14.98	1779	19.42	1.5
17DL03-1-37	242	110.8	138.9	0.80	12.29	0.1228	0.0016	6.1568	0.1020	0.3633	0.0045	0.7543	1998	22.68	1998	14.54	1998	21.51	0.0
17DL03-1-38	285	167	189	0.89	12.43	0.0989	0.0014	3.9882	0.0775	0.2920	0.0042	0.7472	1606	20.22	1632	15.81	1652	21.17	-2.8
17DL03-1-39	310	107.6	88.9	1.21	0.0000	0.1786	0.0022	13.4127	0.2488	0.5440	0.0076	0.7507	2640	20.22	2709	17.62	2800	31.66	-5.7
17DL03-1-40	494	159.3	128.2	1.24	0.0000	0.2132	0.0027	17.6319	0.3055	0.5995	0.0078	0.7490	2931	20.68	2970	16.77	3028	31.40	-3.2
17DL03-1-41	303	153.1	225	0.68	3.79	0.1103	0.0015	5.0402	0.1075	0.3307	0.0047	0.6680	1806	20.22	1826	18.11	1842	22.84	-2.0
17DL03-1-42	205	142.7	194	0.73	11.70	0.0851	0.0014	2.7852	0.0617	0.2372	0.0034	0.6398	1317	33.33	1352	16.58	1372	17.54	-4.0
17DL03-1-43	27.02	0.65	130.0	0.01	0.0000	0.0809	0.0016	2.3964	0.0563	0.2148	0.0034	0.6700	1220	38.42	1242	16.84	1254	17.95	-2.7
17DL03-1-44	665	490	715	0.69	0.0000	0.0820	0.0011	2.5108	0.0444	0.2219	0.0028	0.7097	1256	27.00	1275	12.86	1292	14.69	-2.8
17DL03-1-45	584	456	650	0.70	12.09	0.0769	0.0009	2.1503	0.0327	0.2026	0.0025	0.8156	1120	23.30	1165	10.58	1189	13.51	-5.8
17DL03-1-46	60.57	0.45	301	0.00	0.0000	0.0812	0.0012	2.3487	0.0455	0.2096	0.0030	0.7459	1228	28.55	1227	13.83	1227	16.16	0.1
17DL03-1-47	181	122.6	85.4	1.43	20.7	0.0951	0.0017	3.6608	0.0809	0.2788	0.0044	0.7113	1531	33.34	1563	17.65	1585	22.10	-3.4
17DL03-1-48	399	145.9	90.5	1.61	0.0000	0.1823	0.0024	13.6268	0.2301	0.5419	0.0076	0.8298	2674	20.83	2724	16.08	2791	31.78	-4.2
17DL03-1-49	56.8	25.9	159.2	0.16	22.1	0.0779	0.0015	2.2788	0.0535	0.2119	0.0032	0.6499	1146	38.89	1206	16.59	1239	17.21	-7.5
17DL03-1-50	715	556	565	0.98	0.0000	0.0810	0.0010	2.5058	0.0444	0.2239	0.0031	0.7871	1222	24.53	1274	12.90	1303	16.48	-6.2
17DL03-1-51	259	153.6	492	0.31	13.23	0.0821	0.0010	2.4554	0.0499	0.2163	0.0035	0.7975	1248	19.44	1259	14.69	1262	18.60	-1.1
17DL03-1-52	195	100.4	135.4	0.74	4.35	0.1088	0.0018	4.8041	0.0830	0.3210	0.0049	0.8752	1789	29.63	1786	14.57	1794	23.70	-0.3
17DL03-1-53	657	210	303	0.69	6.03	0.1700	0.0020	12.1948	0.2095	0.5194	0.0073	0.8215	2558	19.29	2620	16.22	2697	31.13	-5.2
17DL03-1-54	120	82.5	99.2	0.83	0.0000	0.0900	0.0017	3.0733	0.0640	0.2478	0.0038	0.7392	1428	35.19	1426	16.00	1427	19.73	0.1
17DL03-1-55	287	142.4	182	0.78	0.0000	0.1077	0.0013	5.0318	0.0996	0.3378	0.0052	0.7823	1761	22.23	1825	16.82	1876	25.23	-6.1
17DL03-1-56	211	114.8	326	0.35	0.0000	0.0871	0.0011	2.9394	0.0528	0.2447	0.0038	0.8647	1362	24.08	1392	13.63	1411	19.69	-3.5
17DL03-1-57	96.1	20.1	107.4	0.19	11.07	0.1632	0.0021	10.4164	0.2056	0.4621	0.0070	0.7683	2489	16.21	2473	18.36	2449	30.92	1.6
17DL03-1-58	353	209	195	1.07	4.17	0.1021	0.0014	4.2656	0.0763	0.3028	0.0041	0.7638	1662	25.16	1687	14.76	1705	20.49	-2.5
17DL03-1-59	195	127.6	116.5	1.10	0.0000	0.0974	0.0016	3.6957	0.0745	0.2749	0.0038	0.6854	1576	31.17	1570	16.14	1566	19.22	0.6
17DL03-1-60	234	94.1	151.9	0.62	3.05	0.1334	0.0019	7.3044	0.1271	0.3972	0.0059	0.8550	2144	24.07	2149	15.61	2156	27.29	-0.6
17DL03-1-61	599	164	392	0.42	1.87	0.1657	0.0021	11.5253	0.2022	0.5040	0.0073	0.8265	2517	20.98	2567	16.48	2631	31.35	-4.3

17DL03-1-62	334	182	208	0.87	6.05	0.1069	0.0016	4.6326	0.0911	0.3140	0.0047	0.7586	1748	27.78	1755	16.46	1760	22.99	-0.7
17DL03-1-63	478	166	227	0.73	8.68	0.1598	0.0020	10.5630	0.1686	0.4794	0.0061	0.7968	2453	22.07	2485	14.90	2525	26.60	-2.8
17DL03-1-64	617	362	712	0.51	0.0000	0.0918	0.0010	3.2997	0.0566	0.2604	0.0033	0.7327	1463	20.53	1481	13.39	1492	16.74	-1.9
17DL03-1-65	170.2	90.0	512	0.18	0.0000	0.0771	0.0010	1.9937	0.0359	0.1873	0.0024	0.6973	1124	26.70	1113	12.21	1107	12.79	1.6
17DL03-1-66	302	129.5	290	0.45	25.0	0.1150	0.0014	5.4046	0.0919	0.3406	0.0045	0.7768	1881	21.91	1886	14.63	1890	21.67	-0.5
17DL03-1-67	554	345	432	0.80	19.1	0.0936	0.0012	3.4730	0.0617	0.2689	0.0037	0.7652	1502	23.46	1521	14.05	1535	18.59	-2.2
17DL03-1-68	747	407	235	1.73	0.0000	0.1175	0.0014	5.7326	0.1118	0.3533	0.0053	0.7666	1920	20.53	1936	16.91	1950	25.19	-1.5
17DL03-1-69	526	133.3	173	0.77	0.0000	0.2724	0.0032	24.6447	0.3584	0.6559	0.0064	0.6727	3320	18.21	3294	14.37	3251	25.04	2.1
17DL03-1-70	98.4	42.3	109.8	0.39	20.0	0.1105	0.0018	4.8314	0.1029	0.3168	0.0045	0.6637	1809	23.92	1790	17.97	1774	21.95	2.0
17DL03-1-71	118.5	58.6	116.6	0.50	1.99	0.1068	0.0017	4.5502	0.0886	0.3092	0.0044	0.7369	1746	28.09	1740	16.26	1737	21.87	0.5
17DL03-1-72	288	202	150.4	1.34	0.0000	0.0943	0.0016	3.3851	0.0751	0.2597	0.0031	0.5375	1515	33.03	1501	17.42	1488	15.87	1.7
17DL03-1-73	734	372	532	0.70	2.96	0.1084	0.0014	4.8981	0.0882	0.3278	0.0051	0.8681	1773	22.84	1802	15.24	1828	24.90	-3.0
17DL03-1-74	370	257	152.5	1.68	5.35	0.0964	0.0015	3.6431	0.0785	0.2736	0.0041	0.6964	1567	29.63	1559	17.20	1559	20.80	0.5
17DL03-1-75	259	97.3	94.6	1.03	13.57	0.1601	0.0026	10.5833	0.2035	0.4797	0.0072	0.7824	2457	27.16	2487	17.92	2526	31.46	-2.7
17DL03-1-76	511	335	725	0.46	6.81	0.0807	0.0010	2.4974	0.0490	0.2241	0.0036	0.8231	1217	24.07	1271	14.25	1303	19.07	-6.7
17DL03-1-77	249	192	280	0.69	0.0000	0.0784	0.0012	2.2879	0.0447	0.2118	0.0035	0.8447	1167	31.48	1209	13.82	1238	18.60	-5.8
17DL03-1-78	696	257	251	1.03	2.58	0.1627	0.0018	11.0795	0.1873	0.4931	0.0068	0.8205	2484	19.14	2530	15.84	2584	29.56	-3.9
17DL03-1-80	221	98.2	260	0.38	0.93	0.1049	0.0014	4.4637	0.0831	0.3079	0.0045	0.7766	1722	25.46	1724	15.49	1731	21.96	-0.5
17DL03-1-81	630	248	232	1.07	6.43	0.1534	0.0020	9.7453	0.1469	0.4599	0.0056	0.8148	2384	21.91	2411	13.98	2439	24.98	-2.2
17DL03-1-82	221	115.1	144.3	0.80	0.0059	0.1076	0.0016	4.8198	0.0896	0.3244	0.0047	0.7724	1758	27.78	1788	15.68	1811	22.70	-2.9
17DL03-1-83	108.02	3.91	176	0.02	17.7	0.1644	0.0020	11.4388	0.2206	0.5028	0.0081	0.8330	2502	20.37	2560	18.09	2626	34.68	-4.7
17DL03-1-84	202	113.6	208	0.55	19.9	0.0950	0.0013	3.6271	0.0618	0.2763	0.0039	0.8301	1529	26.55	1555	13.60	1573	19.75	-2.8
17DL03-1-85	483	158.3	287	0.55	0.0000	0.1557	0.0018	10.2283	0.1698	0.4752	0.0069	0.8748	2410	18.98	2456	15.45	2506	30.19	-3.9
17DL03-1-86	186.2	39.5	414	0.10	0.0000	0.1038	0.0012	4.5099	0.0760	0.3144	0.0050	0.9469	1694	20.68	1733	14.06	1762	24.62	-3.8
17DL03-1-87	323	236	95.8	2.46	11.59	0.0941	0.0020	3.4379	0.0815	0.2643	0.0039	0.6141	1511	38.89	1513	18.69	1512	19.65	-0.1
17DL03-1-88	295	165	164	1.00	2.36	0.1080	0.0016	4.6993	0.0859	0.3146	0.0042	0.7316	1766	27.78	1767	15.36	1763	20.66	0.1
17DL03-1-89	176	97.9	270	0.36	0.0000	0.0842	0.0013	2.8591	0.0595	0.2454	0.0038	0.7453	1298	25.00	1371	15.68	1415	19.71	-8.2
17DL03-1-90	535	402	516	0.78	0.0000	0.0808	0.0012	2.4651	0.0434	0.2208	0.0033	0.8586	1217	28.24	1262	12.76	1286	17.65	-5.4
17DL03-1-91	237	185	226	0.82	1.39	0.0813	0.0014	2.3807	0.0515	0.2119	0.0034	0.7369	1228	33.79	1237	15.50	1239	17.99	-0.9
17DL03-1-92	423	166	86.4	1.92	0.0000	0.1723	0.0025	11.8299	0.2185	0.4962	0.0066	0.7170	2580	19.44	2591	17.39	2597	28.35	-0.7
17DL03-1-93	376	135.1	161	0.84	0.0000	0.1578	0.0019	10.1787	0.1621	0.4668	0.0065	0.8750	2432	20.21	2451	14.82	2469	28.63	-1.5
17DL03-1-94	1019	389	245	1.59	14.16	0.1735	0.0020	12.0268	0.1939	0.5016	0.0071	0.8796	2592	18.83	2606	15.22	2621	30.57	-1.1
17DL03-1-95	145	73.5	114.3	0.64	0.0000	0.1096	0.0021	4.6930	0.1025	0.3104	0.0045	0.6700	1792	30.56	1766	18.32	1743	22.36	2.8
17DL03-1-96	209	105.4	142.9	0.74	0.0000	0.1110	0.0017	4.9848	0.0958	0.3256	0.0053	0.8473	1817	27.78	1817	16.30	1817	25.80	0.0
17DL03-1-97	658	177	155.3	1.14	17.4	0.2682	0.0028	25.2426	0.3910	0.6814	0.0092	0.8705	3295	16.67	3318	15.30	3350	35.27	-1.6
17DL03-1-98	320	181	225	0.80	0.0000	0.1039	0.0014	4.2387	0.0781	0.2953	0.0039	0.7255	1695	25.31	1682	15.17	1668	19.66	1.7
17DL03-1-99	625	214	291	0.73	0.0000	0.1661	0.0019	11.1577	0.1892	0.4863	0.0068	0.8253	2520	18.52	2536	15.89	2555	29.55	-1.3
17DL03-1-100	253	98.6	59.8	1.65	7.89	0.1683	0.0027	11.3506	0.2131	0.4890	0.0066	0.7182	2543	26.55	2552	17.61	2566	28.58	-0.9
Rejected analyses (discordant > 10%, error > 5%)																			
17DL03-1-79	293	234	398	0.59	14.25	0.0748	0.0012	2.1196	0.0513	0.2054	0.0041	0.8283	1063	31.48	1155	16.71	1204	22.02	-11.7

Sample17DL04-1 (38°49'28.18"N , 121°23'19.65"E)

Detrital zircons

17DL04-1-01	279	113	93.1	1.22	0.0000	0.1780	0.0018	11.6248	0.1970	0.4736	0.0073	0.9035	2635	16.67	2575	15.94	2499	31.75	5.4
17DL04-1-02	206	149	88.4	1.69	0.0000	0.0989	0.0013	3.7513	0.0738	0.2754	0.0046	0.8470	1603	19.44	1582	15.81	1568	23.22	2.2
17DL04-1-03	733	501	536	0.93	0.0000	0.0979	0.0008	3.5414	0.0613	0.2627	0.0046	1.0213	1584	15.59	1537	13.75	1504	23.73	5.3
17DL04-1-04	420	331	213	1.56	6.77	0.0937	0.0010	3.2504	0.0563	0.2518	0.0041	0.9467	1502	20.37	1469	13.48	1448	21.26	3.8
17DL04-1-06	296	136	62.5	2.17	10.1	0.1694	0.0020	10.9974	0.1896	0.4709	0.0064	0.7924	2552	20.53	2523	16.14	2488	28.23	2.6
17DL04-1-07	147	106	70.9	1.49	0.0000	0.1026	0.0013	3.9574	0.0782	0.2794	0.0043	0.7714	1672	22.69	1626	16.05	1588	21.47	5.3
17DL04-1-08	157	105	131	0.80	0.0000	0.0978	0.0012	3.7594	0.0754	0.2792	0.0051	0.9089	1583	22.22	1584	16.13	1587	25.67	-0.2
17DL04-1-09	315	260	151	1.73	0.0000	0.0915	0.0012	3.2332	0.0563	0.2569	0.0041	0.9182	1457	24.38	1465	13.54	1474	21.09	-1.1
17DL04-1-10	175	67.3	457	0.15	14.9	0.0900	0.0011	2.9641	0.0464	0.2389	0.0035	0.9357	1428	23.31	1398	11.92	1381	18.23	3.4
17DL04-1-11	242	133	224	0.60	7.31	0.1050	0.0011	4.3440	0.0770	0.3000	0.0045	0.8404	1714	18.83	1702	14.68	1691	22.19	1.3
17DL04-1-12	183	105	139	0.76	0.0000	0.1080	0.0011	4.7272	0.0885	0.3176	0.0053	0.8908	1766	18.83	1772	15.73	1778	25.93	-0.7
17DL04-1-13	265	161	413	0.39	0.0000	0.0884	0.0008	3.0252	0.0577	0.2483	0.0044	0.9273	1391	16.97	1414	14.60	1430	22.71	-2.7
17DL04-1-14	212	199	229	0.87	0.0000	0.0789	0.0009	2.1332	0.0371	0.1963	0.0031	0.9214	1169	24.07	1160	12.06	1156	16.98	1.2
17DL04-1-15	363	209	293	0.71	0.0000	0.1058	0.0010	4.6013	0.0846	0.3157	0.0056	0.9699	1728	12.04	1750	15.39	1769	27.61	-2.3
17DL04-1-16	146	75.4	157	0.48	23.4	0.1038	0.0011	4.2295	0.0609	0.2955	0.0034	0.8008	1694	20.06	1680	11.88	1669	16.98	1.5
17DL04-1-17	250	161	169	0.95	0.0000	0.1020	0.0010	4.0606	0.0785	0.2883	0.0046	0.8255	1661	18.52	1646	15.79	1633	23.04	1.7
17DL04-1-18	689	493	338	1.46	19.6	0.0994	0.0009	3.8717	0.0654	0.2825	0.0043	0.9004	1613	16.36	1608	13.68	1604	21.62	0.6
17DL04-1-19	161	99	141	0.70	21.6	0.0989	0.0014	3.9325	0.1860	0.2843	0.0089	0.6640	1603	27.78	1620	38.31	1613	44.83	-0.6
17DL04-1-20	174	120	114	1.06	0.0000	0.0978	0.0011	3.6185	0.0587	0.2684	0.0037	0.8570	1583	22.07	1554	12.95	1533	18.99	3.3
17DL04-1-21	341	172	321	0.54	0.0000	0.1061	0.0009	4.6123	0.0748	0.3155	0.0049	0.9641	1733	16.67	1751	13.58	1768	24.18	-2.0
17DL04-1-22	285	188	188	1.00	35.6	0.0997	0.0011	3.9497	0.0705	0.2874	0.0044	0.8661	1618	20.37	1624	14.51	1628	22.27	-0.7
17DL04-1-23	446	294	293	1.00	0.0000	0.0995	0.0009	3.8656	0.0632	0.2814	0.0037	0.8135	1617	16.82	1607	13.24	1598	18.86	1.2
17DL04-1-24	372	284	233	1.22	8.14	0.0935	0.0010	3.1952	0.0607	0.2476	0.0041	0.8652	1498	19.29	1456	14.72	1426	21.03	5.1
17DL04-1-25	212	81.3	72.2	1.13	0.0000	0.1877	0.0017	13.2672	0.2249	0.5127	0.0083	0.9508	2724	13.73	2699	16.11	2668	35.24	2.1
17DL04-1-28	486	337	298	1.13	0.0000	0.1008	0.0010	3.7794	0.0612	0.2722	0.0045	1.0321	1640	18.21	1588	13.04	1552	23.06	5.7
17DL04-1-29	280	174	230	0.76	2.40	0.1008	0.0010	3.9860	0.0673	0.2865	0.0041	0.8501	1640	18.98	1631	13.75	1624	20.62	1.0
17DL04-1-30	534	201	321	0.63	22.9	0.1640	0.0013	10.3613	0.1805	0.4582	0.0078	0.9795	2498	13.58	2468	16.22	2432	34.59	2.7
17DL04-1-31	160	111	121	0.92	0.0000	0.0927	0.0012	3.3910	0.0611	0.2655	0.0038	0.7866	1481	24.23	1502	14.17	1518	19.19	-2.4
17DL04-1-32	145	142	135	1.05	24.9	0.0812	0.0011	2.1922	0.0446	0.1956	0.0030	0.7459	1228	27.78	1179	14.20	1152	16.01	6.6
17DL04-1-34	111	74.2	48.2	1.54	19.9	0.1085	0.0017	4.4306	0.0761	0.2968	0.0040	0.7779	1776	28.09	1718	14.28	1675	19.74	6.0
17DL04-1-35	429	330	195	1.69	0.0000	0.0986	0.0011	3.7702	0.0726	0.2776	0.0048	0.9052	1598	20.06	1586	15.49	1579	24.43	1.2
17DL04-1-36	162	107	158	0.68	0.0000	0.0963	0.0011	3.5945	0.0647	0.2711	0.0044	0.8982	1554	22.06	1548	14.35	1546	22.26	0.5
17DL04-1-37	494	530	181	2.93	6.51	0.0776	0.0009	2.0957	0.0386	0.1960	0.0032	0.8993	1139	22.23	1147	12.69	1154	17.51	-1.3
17DL04-1-38	346	342	316	1.08	6.95	0.0792	0.0009	2.1078	0.0359	0.1934	0.0031	0.9314	1177	21.91	1151	11.76	1140	16.60	3.3
17DL04-1-39	384	389	259	1.50	13.9	0.0799	0.0010	2.2110	0.0433	0.2006	0.0029	0.7349	1194	25.46	1185	13.73	1179	15.53	1.3
17DL04-1-40	219	133	135	0.98	14.2	0.1091	0.0014	4.6870	0.0949	0.3114	0.0046	0.7296	1784	23.15	1765	16.98	1748	22.62	2.1
17DL04-1-41	332	245	155	1.58	0.0000	0.1013	0.0016	3.9083	0.0753	0.2806	0.0043	0.7983	1650	28.24	1615	15.61	1594	21.74	3.5
17DL04-1-42	86	90.7	52.2	1.74	16.7	0.0814	0.0022	2.2826	0.0678	0.2041	0.0038	0.6322	1231	47.22	1207	20.98	1197	20.53	2.8
17DL04-1-43	139	107	242	0.44	9.3	0.0793	0.0009	2.1857	0.0390	0.2002	0.0031	0.8661	1189	18.36	1176	12.47	1177	16.65	1.0
17DL04-1-44	200	144	66.1	2.18	1.50	0.1046	0.0017	4.2938	0.0837	0.2983	0.0042	0.7137	1709	29.63	1692	16.10	1683	20.64	1.6
17DL04-1-45	140	54.4	72.1	0.75	0.0000	0.1607	0.0018	10.4875	0.1729	0.4750	0.0082	1.0510	2465	13.89	2479	15.37	2505	35.99	-1.6

17DL04-1-46	252	205	174	1.18	0.0000	0.0911	0.0010	3.1368	0.0532	0.2498	0.0033	0.7859	1450	22.22	1442	13.10	1437	17.19	0.9
17DL04-1-47	260	180	154	1.17	38.5	0.1001	0.0012	3.9143	0.0715	0.2838	0.0041	0.7952	1628	22.22	1617	14.82	1610	20.72	1.1
17DL04-1-48	296	232	166	1.40	0.0000	0.0957	0.0012	3.6007	0.0652	0.2736	0.0047	0.9419	1543	22.38	1550	14.43	1559	23.63	-1.0
17DL04-1-49	418	303	252	1.20	19.4	0.0989	0.0010	3.7741	0.0713	0.2766	0.0044	0.8338	1606	23.15	1587	15.19	1574	22.00	2.0
17DL04-1-50	237	135	218	0.62	18.2	0.1055	0.0010	4.4718	0.0763	0.3079	0.0049	0.9346	1724	17.44	1726	14.21	1730	24.23	-0.4
17DL04-1-52	384	367	331	1.11	4.87	0.0784	0.0007	2.2056	0.0408	0.2038	0.0032	0.8434	1158	18.05	1183	12.95	1196	17.04	-3.1
17DL04-1-53	235	133	212	0.63	4.16	0.1066	0.0011	4.6072	0.0858	0.3136	0.0053	0.9094	1743	18.68	1751	15.59	1759	26.09	-0.9
17DL04-1-54	175	128	81.6	1.57	16.2	0.0970	0.0015	3.7592	0.0665	0.2819	0.0042	0.8342	1569	28.39	1584	14.24	1601	20.95	-2.0
17DL04-1-56	898	472	564	0.84	0.0000	0.1198	0.0008	5.9709	0.1079	0.3621	0.0069	1.0592	1954	11.27	1972	15.77	1992	32.81	-1.9
17DL04-1-57	142	90.0	92.8	0.97	0.0000	0.1061	0.0012	4.3047	0.0706	0.2941	0.0039	0.8075	1800	20.06	1694	13.57	1662	19.43	8.3
17DL04-1-58	130	72.9	86.1	0.85	0.0000	0.1126	0.0012	5.1808	0.0947	0.3344	0.0060	0.9762	1843	13.89	1849	15.61	1859	28.85	-0.9
17DL04-1-59	194	136	120	1.13	1.79	0.1002	0.0012	3.9724	0.0778	0.2875	0.0046	0.8110	1628	22.68	1629	15.94	1629	22.89	0.0
17DL04-1-60	223	151	156	0.97	4.04	0.0973	0.0009	3.7592	0.0659	0.2803	0.0046	0.9404	1574	12.19	1584	14.11	1593	23.29	-1.2
17DL04-1-61	690	339	151	2.25	4.37	0.1664	0.0016	10.8965	0.2198	0.4748	0.0086	0.8932	2521	16.82	2514	18.84	2504	37.42	0.7
17DL04-1-63	1018	765	539	1.42	13.2	0.1013	0.0011	3.6962	0.0560	0.2645	0.0034	0.8582	1650	20.06	1571	12.15	1513	17.54	9.1
17DL04-1-64	219	124	178	0.70	26.2	0.0968	0.0009	3.9918	0.0668	0.2989	0.0043	0.8666	1565	18.52	1633	13.64	1686	21.55	-7.2
17DL04-1-65	241	168	167	1.00	0.0000	0.0916	0.0010	3.3858	0.0480	0.2679	0.0030	0.7833	1461	20.06	1501	11.15	1530	15.14	-4.5
17DL04-1-66	244	195	157	1.24	14.9	0.0913	0.0012	3.0603	0.0612	0.2427	0.0036	0.7349	1454	25.47	1423	15.33	1401	18.51	3.8
17DL04-1-67	215	146	144	1.01	0.0000	0.1003	0.0011	3.9112	0.0761	0.2826	0.0048	0.8668	1631	21.14	1616	15.78	1604	23.98	1.7
17DL04-1-68	326	214	183	1.17	0.0000	0.1047	0.0011	4.2563	0.0744	0.2945	0.0042	0.8071	1709	13.89	1685	14.42	1664	20.71	2.7
17DL04-1-69	293	324	109	2.98	3.30	0.0800	0.0013	2.0270	0.0436	0.1837	0.0028	0.6990	1198	31.94	1125	14.64	1087	15.05	10.2
17DL04-1-70	271	203	105	1.94	14.0	0.0974	0.0011	3.7489	0.0721	0.2791	0.0048	0.8972	1576	22.22	1582	15.45	1587	24.28	-0.7
17DL04-1-71	666	437	341	1.28	0.0000	0.1045	0.0009	4.3777	0.0818	0.3039	0.0056	0.9822	1706	10.34	1708	15.48	1710	27.58	-0.3
17DL04-1-73	166	119	100.7	1.18	0.0000	0.0974	0.0014	3.5997	0.0711	0.2680	0.0042	0.7962	1576	26.39	1549	15.74	1530	21.45	3.0
17DL04-1-74	382	293	361	0.81	3.2034	0.0864	0.0012	2.7671	0.0386	0.2321	0.0031	0.9485	1348	25.62	1347	10.45	1346	16.09	0.2
17DL04-1-75	113	104	120	0.87	0.0000	0.0772	0.0010	2.0948	0.0398	0.1967	0.0028	0.7586	1125	25.93	1147	13.08	1158	15.28	-2.8
17DL04-1-76	165	135	187	0.72	15.6	0.0796	0.0009	2.3692	0.0448	0.2159	0.0036	0.8834	1187	22.22	1233	13.54	1260	19.15	-5.8
17DL04-1-77	254	249	199	1.25	0.0000	0.0787	0.0010	2.1644	0.0398	0.1994	0.0029	0.7942	1165	25.92	1170	12.81	1172	15.68	-0.6
17DL04-1-78	174	150	126	1.19	0.0000	0.0866	0.0015	2.6037	0.0585	0.2178	0.0026	0.5356	1351	33.80	1302	16.50	1270	13.89	6.4
17DL04-1-79	132	98.4	60.9	1.62	18.8	0.0961	0.0016	3.5788	0.0707	0.2711	0.0047	0.8714	1550	32.56	1545	15.71	1546	23.68	0.3
17DL04-1-80	211	114	185	0.62	51.2	0.1074	0.0010	4.6443	0.0820	0.3135	0.0051	0.9166	1767	17.44	1757	14.79	1758	24.91	0.5
17DL04-1-81	512	337	258	1.31	0.0000	0.1058	0.0011	4.4565	0.0801	0.3054	0.0046	0.8355	1728	18.52	1723	14.96	1718	22.67	0.6
17DL04-1-82	282	151	244	0.62	0.0000	0.1074	0.0010	4.6118	0.0711	0.3119	0.0049	1.0233	1767	16.36	1751	12.91	1750	24.19	0.9
17DL04-1-83	451	475	164	2.89	22.2	0.0781	0.0009	2.1094	0.0397	0.1959	0.0031	0.8432	1150	24.08	1152	12.98	1153	16.75	-0.3
17DL04-1-84	402	321	171	1.87	40.2	0.0957	0.0011	3.2774	0.0700	0.2479	0.0043	0.8119	1543	22.38	1476	16.64	1428	22.21	8.0
17DL04-1-85	357	258	235	1.10	43.4	0.0963	0.0011	3.5838	0.0634	0.2697	0.0038	0.7962	1555	15.74	1546	14.08	1539	19.30	1.0
17DL04-1-86	265	169	157	1.08	0.0000	0.1069	0.0013	4.5040	0.0755	0.3058	0.0041	0.8084	1747	22.22	1732	13.99	1720	20.49	1.6
17DL04-1-87	224	153	147	1.04	37.6	0.0966	0.0013	3.7145	0.0691	0.2790	0.0038	0.7401	1559	19.44	1575	14.92	1586	19.38	-1.7
17DL04-1-88	117	89.5	58.7	1.52	0.0000	0.0957	0.0015	3.5370	0.0669	0.2685	0.0037	0.7197	1543	25.00	1536	15.00	1533	18.58	0.6
17DL04-1-89	205	149	163	0.92	13.2	0.0953	0.0015	3.4492	0.0794	0.2631	0.0049	0.8127	1533	27.93	1516	18.14	1506	25.13	1.8
17DL04-1-90	274	229	516	0.44	20.4	0.0779	0.0009	1.9065	0.0355	0.1774	0.0025	0.7675	1146	23.31	1083	12.43	1053	13.90	8.9
17DL04-1-91	101	100	120	0.83	0.0000	0.0768	0.0012	1.9363	0.0376	0.1829	0.0025	0.7076	1117	30.09	1094	13.03	1083	13.72	3.1

17DL04-1-92	208	195	161	1.22	0.0000	0.0801	0.0010	2.3051	0.0495	0.2087	0.0039	0.8601	1267	25.92	1214	15.24	1222	20.59	3.7
17DL04-1-93	242	177	148	1.20	0.0000	0.0956	0.0014	3.5496	0.0849	0.2688	0.0045	0.7031	1540	23.15	1538	18.98	1535	22.98	0.3
17DL04-1-94	822	708	237	2.99	0.0000	0.0939	0.0010	3.3227	0.0660	0.2564	0.0042	0.8174	1506	18.98	1486	15.53	1471	21.37	2.3
17DL04-1-95	93	59.7	92.3	0.65	0.0000	0.0985	0.0012	3.6864	0.0622	0.2711	0.0031	0.6782	1598	23.92	1568	13.52	1546	15.76	3.3
17DL04-1-96	168	110	133	0.82	41.8	0.0989	0.0012	3.8873	0.0714	0.2852	0.0043	0.8296	1603	22.22	1611	14.87	1617	21.81	-0.9
17DL04-1-97	349	208	360	0.58	0.0000	0.0966	0.0009	3.7287	0.0609	0.2798	0.0041	0.8927	1561	17.13	1578	13.13	1590	20.58	-1.8
17DL04-1-98	120	79.9	68.8	1.16	0.0000	0.0966	0.0015	3.8007	0.0709	0.2855	0.0037	0.7000	1561	29.63	1593	15.04	1619	18.72	-3.6
17DL04-1-99	121	87.9	62.1	1.42	1.12	0.0965	0.0015	3.7583	0.0856	0.2818	0.0044	0.6904	1558	29.94	1584	18.29	1600	22.30	-2.6
17DL04-1-100	182	127	111	1.15	0.0000	0.0997	0.0013	3.8809	0.0718	0.2819	0.0041	0.7858	1620	24.08	1610	14.97	1601	20.62	1.2
Rejected analyses (discordant > 10%, error > 5%)																			
17DL04-1-05	216	222	122	1.83	0.0000	0.0812	0.0029	2.1857	0.0822	0.1951	0.0028	0.3854	1228	63.89	1176	26.20	1149	15.26	6.8
17DL04-1-26	594	611	506	1.21	5.95	0.0801	0.0009	1.9187	0.0300	0.1735	0.0019	0.7167	1267	27.93	1088	10.47	1031	10.70	22.8
17DL04-1-27	412	327	163	2.01	0.0000	0.0988	0.0012	3.5847	0.0807	0.2628	0.0045	0.7554	2000	23.76	1546	17.91	1504	22.83	33.0
17DL04-1-33	978	1073	669	1.60	0.0000	0.0784	0.0010	1.8615	0.0380	0.1722	0.0028	0.8097	1167	24.84	1068	13.50	1024	15.65	13.9
17DL04-1-51	135	86.8	64.7	1.34	44.2	0.1042	0.0033	4.3807	0.1481	0.3048	0.0048	0.4690	1702	58.18	1709	27.97	1715	23.90	-0.8
17DL04-1-55	250	180	271	0.66	0.0000	0.0933	0.0010	2.9822	0.0430	0.2319	0.0031	0.9294	1494	18.98	1403	10.99	1345	16.26	11.1
17DL04-1-62	208	135	168	0.81	0.0000	0.0988	0.0010	3.9018	0.0705	0.2864	0.0046	0.8837	2000	18.67	1614	14.65	1623	22.94	23.2
17DL04-1-72	397	284	204	1.39	0.0000	0.0987	0.0012	3.7146	0.0607	0.2726	0.0036	0.8075	2000	16.51	1575	13.12	1554	18.24	28.7
Sample17DL05-1 (38°51'18.06"N , 121°32'05.19"E)																			
Detrital zircons																			
17DL05-1.1-01	266	176	197	0.89	0.0000	0.0977	0.0012	3.7449	0.0698	0.2774	0.0043	0.8226	1581	23.92	1581	14.98	1578	21.48	0.2
17DL05-1.1-02	208	199	210	0.95	5.6294	0.0817	0.0015	2.2023	0.0517	0.1954	0.0037	0.8061	1239	2.93	1182	16.41	1151	19.95	7.7
17DL05-1.1-03	223	218	165	1.32	0.0000	0.0795	0.0015	2.2357	0.0496	0.2039	0.0032	0.6963	1187	35.95	1192	15.60	1196	16.89	-0.8
17DL05-1.1-04	300	193	205	0.94	17.7	0.1005	0.0013	4.1290	0.0820	0.2976	0.0049	0.8308	1635	23.76	1660	16.26	1680	24.40	-2.6
17DL05-1.1-05	293	182	207	0.88	4.40	0.0997	0.0014	4.1399	0.0792	0.3012	0.0043	0.7537	1618	26.54	1662	15.69	1697	21.54	-4.7
17DL05-1.1-06	159	95.1	152	0.63	0.0000	0.0992	0.0015	3.9592	0.0906	0.2900	0.0057	0.8635	1609	27.78	1626	18.58	1641	28.65	-2.0
17DL05-1.1-07	190	130	98	1.33	0.0000	0.0990	0.0016	3.9023	0.0732	0.2863	0.0036	0.6718	1606	29.63	1614	15.20	1623	18.10	-1.1
17DL05-1.1-08	345	246	239	1.03	0.0000	0.0908	0.0013	3.3555	0.0675	0.2681	0.0040	0.7338	1443	28.09	1494	15.76	1531	20.13	-5.8
17DL05-1.1-09	331	151	236	0.64	0.0000	0.1212	0.0015	6.2546	0.1130	0.3745	0.0051	0.7603	1973	22.22	2012	15.88	2050	24.16	-3.8
17DL05-1.1-10	216	143	161	0.88	0.0000	0.0977	0.0017	3.8688	0.0920	0.2869	0.0043	0.6241	1581	31.48	1607	19.21	1626	21.33	-2.8
17DL05-1.1-11	164	105	110	0.96	0.0000	0.1017	0.0018	4.0806	0.0869	0.2915	0.0042	0.6719	1657	27.01	1650	17.40	1649	20.83	0.5
17DL05-1.1-12	247	227	259	0.88	0.71	0.0802	0.0012	2.2094	0.0469	0.2002	0.0033	0.7874	1267	28.55	1184	14.85	1177	17.97	7.7
17DL05-1.1-13	219	196	221	0.89	10.0	0.0808	0.0014	2.2530	0.0525	0.2023	0.0032	0.6871	1217	33.48	1198	16.42	1188	17.40	2.4
17DL05-1.1-14	259	106	90.2	1.17	0.0000	0.1650	0.0022	11.4331	0.2220	0.5029	0.0075	0.7699	2509	22.22	2559	18.21	2626	32.27	-4.4
17DL05-1.1-15	1284	601	227	2.65	0.0000	0.1613	0.0017	10.5579	0.1992	0.4744	0.0068	0.7556	2469	18.21	2485	17.58	2503	29.60	-1.4
17DL05-1.1-16	344	339	202	1.68	16.2	0.0805	0.0014	2.1674	0.0462	0.1954	0.0026	0.6272	1209	33.33	1171	14.84	1150	14.11	5.1
17DL05-1.1-17	459	180	541	0.33	0.0000	0.1151	0.0013	5.6399	0.1251	0.3554	0.0066	0.8404	1881	20.21	1922	19.18	1960	31.53	-4.1
17DL05-1.1-18	236	150	190	0.79	0.0000	0.0977	0.0014	3.7373	0.0682	0.2774	0.0035	0.6891	1581	27.62	1579	14.67	1578	17.64	0.2
17DL05-1.1-19	180	43.4	291	0.15	5.91	0.1191	0.0016	6.2172	0.1221	0.3791	0.0066	0.8814	1943	24.08	2007	17.24	2072	30.70	-6.2
17DL05-1.1-20	121	80.0	85.5	0.94	1.45	0.0995	0.0020	3.8914	0.0958	0.2836	0.0042	0.5972	1617	38.42	1612	19.91	1610	20.95	0.4



17DL05-1.1-21	234	98.6	148	0.67	0.0000	0.1370	0.0020	7.9685	0.2080	0.4216	0.0093	0.8415	2191	24.85	2227	23.60	2268	42.01	-3.4
17DL05-1.1-22	707	454	295	1.54	0.0000	0.1042	0.0015	4.4269	0.0809	0.3079	0.0041	0.7283	1702	25.93	1717	15.19	1730	20.23	-1.6
17DL05-1.1-23	234	230	186	1.24	17.3	0.0764	0.0014	2.0494	0.0419	0.1949	0.0026	0.6541	1106	4.63	1132	13.97	1148	14.07	-3.7
17DL05-1.1-24	309	132	386	0.34	4.03	0.1076	0.0013	4.9196	0.0903	0.3317	0.0057	0.9307	1761	21.14	1806	15.54	1847	27.45	-4.6
17DL05-1.1-25	438	180	196	0.92	0.0000	0.1509	0.0018	9.5956	0.1678	0.4613	0.0071	0.8813	2367	19.75	2397	16.16	2445	31.38	-3.2
17DL05-1.1-26	133	90.1	69.8	1.29	16.6	0.1022	0.0020	3.9677	0.0815	0.2821	0.0040	0.6899	1665	35.50	1628	16.69	1602	20.12	3.9
17DL05-1.1-27	253	165	167	0.99	0.0000	0.0972	0.0015	3.8513	0.0762	0.2876	0.0042	0.7389	1570	29.32	1604	15.98	1629	21.06	-3.6
17DL05-1.1-28	156	138	161	0.86	0.0000	0.0785	0.0013	2.2285	0.0475	0.2060	0.0034	0.7720	1159	31.48	1190	14.95	1208	18.12	-4.0
17DL05-1.1-29	151	128	97.2	1.32	0.0000	0.0860	0.0020	2.6503	0.0711	0.2239	0.0035	0.5785	1339	41.67	1315	19.80	1302	18.32	2.8
17DL05-1.1-30	156	61.0	211	0.29	16.5	0.1113	0.0017	5.0290	0.1074	0.3273	0.0050	0.7218	1821	27.78	1824	18.12	1825	24.51	-0.2
17DL05-1.1-31	182	93.6	141	0.66	12.8	0.1095	0.0017	4.8579	0.0988	0.3215	0.0049	0.7449	1792	27.78	1795	17.17	1797	23.78	-0.3
17DL05-1.1-32	92.94	2.54	464	0.01	0.0000	0.0790	0.0010	2.2165	0.0416	0.2034	0.0031	0.8093	1172	25.93	1186	13.16	1194	16.57	-1.8
17DL05-1.1-33	608	432	732	0.59	0.0000	0.0839	0.0010	2.6889	0.0538	0.2319	0.0034	0.7254	1300	23.46	1325	14.83	1344	17.61	-3.3
17DL05-1.1-34	293	164	191	0.86	0.96	0.1067	0.0015	4.6707	0.0766	0.3177	0.0040	0.7628	1743	26.08	1762	13.77	1779	19.48	-2.0
17DL05-1.1-35	492	507	206	2.46	0.0000	0.0757	0.0012	2.0752	0.0410	0.1987	0.0028	0.7198	1089	32.56	1141	13.57	1168	15.21	-6.8
17DL05-1.1-36	273	150	225	0.67	0.0000	0.1004	0.0013	4.2297	0.0660	0.3054	0.0035	0.7381	1632	25.15	1680	12.86	1718	17.39	-5.0
17DL05-1.1-37	135	123	113	1.09	0.0000	0.0793	0.0017	2.2809	0.0592	0.2085	0.0034	0.6357	1189	42.13	1206	18.35	1221	18.37	-2.6
17DL05-1.1-38	307	227	168	1.36	0.0000	0.0939	0.0015	3.3984	0.0715	0.2621	0.0039	0.7014	1507	29.63	1504	16.53	1501	19.77	0.4
17DL05-1.1-39	608	355	365	0.97	0.0000	0.1077	0.0013	4.7015	0.0826	0.3164	0.0044	0.7874	1761	22.23	1768	14.75	1772	21.45	-0.6
17DL05-1.1-40	104	97.7	77.9	1.25	30.1	0.0796	0.0020	2.2272	0.0614	0.2035	0.0037	0.6639	1187	48.14	1190	19.34	1194	19.96	-0.6
17DL05-1.1-41	219	133	149	0.89	11.0	0.1015	0.0016	4.1491	0.0811	0.2965	0.0046	0.7918	1654	23.92	1664	16.02	1674	22.82	-1.2
17DL05-1.1-42	343	205	146	1.41	0.0000	0.1087	0.0015	4.8968	0.0857	0.3265	0.0042	0.7379	1777	24.23	1802	14.81	1821	20.52	-2.4
17DL05-1.1-43	278	165	192	0.86	16.3	0.0990	0.0015	4.0994	0.0845	0.3002	0.0048	0.7726	1606	27.47	1654	16.86	1693	23.72	-5.1
17DL05-1.1-44	242	143	112	1.28	0.0000	0.1068	0.0015	4.7651	0.0906	0.3235	0.0046	0.7541	1746	25.93	1779	16.00	1807	22.60	-3.3
17DL05-1.1-45	455	315	183	1.72	0.22	0.0995	0.0014	3.9078	0.0760	0.2846	0.0041	0.7426	1615	25.93	1615	15.77	1615	20.66	0.0
17DL05-1.1-46	131	82.9	97.1	0.85	8.19	0.0974	0.0016	3.6910	0.0755	0.2745	0.0037	0.6591	1576	29.78	1569	16.38	1564	18.75	0.8
17DL05-1.1-47	229	76.1	129	0.59	0.0000	0.1653	0.0019	11.0928	0.1945	0.4863	0.0069	0.8125	2511	19.75	2531	16.42	2555	30.08	-1.7
17DL05-1.1-48	152	90.5	184	0.49	0.00	0.0912	0.0014	3.2723	0.0741	0.2601	0.0045	0.7662	1452	29.94	1474	17.65	1491	23.12	-2.6
17DL05-1.1-49	328	296	274	1.08	0.00	0.0799	0.0013	2.1691	0.0495	0.1970	0.0033	0.7368	1194	32.25	1171	15.86	1159	17.83	3.1
17DL05-1.1-50	221.4	8.59	1034	0.01	0.0000	0.0782	0.0010	2.2860	0.0480	0.2122	0.0040	0.9025	1152	24.07	1208	14.86	1240	21.40	-7.2
17DL05-1.1-51	367	223	262	0.85	22.2	0.0985	0.0013	3.9180	0.0735	0.2888	0.0048	0.8816	1598	24.23	1617	15.21	1635	23.89	-2.3
17DL05-1.1-53	451	447	237	1.88	0.0000	0.0755	0.0013	2.0317	0.0399	0.1955	0.0026	0.6729	1081	29.16	1126	13.38	1151	13.94	-6.1
17DL05-1.1-55	231	213	202	1.05	0.0000	0.0798	0.0013	2.1823	0.0446	0.1985	0.0027	0.6696	1192	33.33	1175	14.25	1167	14.62	2.1
17DL05-1.1-56	187	109	177	0.62	17.1	0.0992	0.0014	3.8377	0.0694	0.2811	0.0043	0.8444	1609	25.92	1601	14.61	1597	21.63	0.8
17DL05-1.1-57	130	93.3	65.7	1.42	0.0000	0.0943	0.0019	3.5715	0.0786	0.2751	0.0036	0.5886	1515	37.81	1543	17.49	1566	18.04	-3.3
17DL05-1.1-58	585	318	439	0.73	0.0000	0.1047	0.0012	4.5947	0.0870	0.3180	0.0049	0.8076	1710	21.76	1748	15.83	1780	23.81	-4.0
17DL05-1.1-59	137	78.6	160	0.49	0.0000	0.0987	0.0017	3.6876	0.0757	0.2713	0.0039	0.6973	1599	31.48	1569	16.42	1548	19.70	3.3
17DL05-1.1-60	149	66.2	31.6	2.09	0.0000	0.1706	0.0032	11.2141	0.3014	0.4765	0.0087	0.6796	2565	31.48	2541	25.12	2512	38.03	2.1
17DL05-1.1-61	156	103	117	0.88	0.0000	0.0967	0.0017	3.6622	0.0882	0.2744	0.0046	0.6922	1561	33.33	1563	19.24	1563	23.15	-0.1
17DL05-1.1-62	129	82.3	94.6	0.87	0.0000	0.1019	0.0018	3.8524	0.0709	0.2747	0.0040	0.7978	1659	31.64	1604	14.87	1564	20.41	6.0
17DL05-1.1-63	110.0	12.1	507	0.02	0.0000	0.0793	0.0010	2.1629	0.0364	0.1976	0.0025	0.7433	1189	24.53	1169	11.72	1162	13.32	2.3
17DL05-1.1-64	279	198	160	1.24	4.27	0.0979	0.0016	3.6761	0.0710	0.2721	0.0037	0.6980	1585	29.63	1566	15.45	1551	18.61	2.2

17DL05-1.1-65	31.92	1.35	160	0.01	3.88	0.0818	0.0014	2.2112	0.0467	0.1955	0.0027	0.6430	1243	31.94	1185	14.78	1151	14.32	7.9
17DL05-1.1-66	129	88.2	75.5	1.17	0.0000	0.0982	0.0019	3.8009	0.0923	0.2801	0.0044	0.6536	1591	35.95	1593	19.55	1592	22.41	-0.1
17DL05-1.1-67	351	243	231	1.05	2.66	0.0979	0.0013	3.6052	0.0598	0.2666	0.0034	0.7694	1584	25.62	1551	13.24	1523	17.35	4.0
17DL05-1.1-68	244	156	160	0.97	0.0000	0.1051	0.0016	4.1231	0.0757	0.2841	0.0042	0.8096	1717	28.08	1659	15.04	1612	21.21	6.5
17DL05-1.1-69	171	119	123	0.97	0.0000	0.1003	0.0019	3.6621	0.0884	0.2638	0.0040	0.6304	1629	35.18	1563	19.28	1509	20.49	7.9
17DL05-1.1-70	255	175	129	1.36	0.0000	0.1040	0.0019	4.1194	0.1010	0.2857	0.0045	0.6363	1698	33.34	1658	20.07	1620	22.37	4.8
17DL05-1.1-71	343	70.1	468	0.15	0.0000	0.1520	0.0017	8.7301	0.1446	0.4154	0.0066	0.9613	2368	18.83	2310	15.17	2239	30.14	5.7
17DL05-1.1-72	115	107	116	0.93	0.0000	0.0808	0.0018	2.1277	0.0479	0.1906	0.0024	0.5511	1217	43.36	1158	15.57	1125	12.82	8.2
17DL05-1.1-73	251	108	347	0.31	4.85	0.1062	0.0013	4.4285	0.0756	0.3014	0.0043	0.8428	1735	26.39	1718	14.19	1698	21.50	2.2
17DL05-1.1-74	134	78.7	92.6	0.85	0.0000	0.1065	0.0018	4.4893	0.0865	0.3056	0.0049	0.8371	1740	31.48	1729	16.04	1719	24.35	1.2
17DL05-1.1-75	196	146	84.9	1.72	4.03	0.0992	0.0018	3.6781	0.0873	0.2677	0.0038	0.6056	1609	33.33	1567	18.97	1529	19.58	5.2
17DL05-1.1-76	261	139	224	0.62	0.0000	0.1085	0.0013	4.8705	0.0966	0.3253	0.0061	0.9432	1774	20.84	1797	16.75	1816	29.62	-2.3
17DL05-1.1-77	200	86.4	173	0.50	10.9	0.1288	0.0014	6.4302	0.1029	0.3614	0.0051	0.8832	2083	19.60	2036	14.13	1989	24.21	4.8
17DL05-1.1-78	306	202	201	1.01	0.0000	0.1031	0.0015	4.0743	0.0913	0.2856	0.0046	0.7203	1681	27.78	1649	18.31	1620	23.14	3.8
17DL05-1.1-79	462	274	335	0.82	0.0000	0.1062	0.0012	4.5195	0.0687	0.3083	0.0043	0.9234	1735	26.08	1735	12.70	1733	21.36	0.2
17DL05-1.1-80	506	248	363	0.68	14.2	0.1197	0.0015	6.0981	0.1636	0.3676	0.0081	0.8244	1952	22.22	1990	23.44	2018	38.34	-3.3
17DL05-1.1-81	337	217	203	1.07	0.0000	0.1009	0.0015	4.1087	0.0752	0.2955	0.0043	0.8013	1640	32.41	1656	14.98	1669	21.58	-1.7
17DL05-1.1-82	277	192	155	1.24	15.55	0.1005	0.0016	3.9059	0.0754	0.2817	0.0039	0.7226	1635	30.71	1615	15.65	1600	19.79	2.2
17DL05-1.1-83	232	216	231	0.94	0.0000	0.0780	0.0014	2.0920	0.0432	0.1944	0.0027	0.6809	1147	30.56	1146	14.19	1145	14.75	0.2
17DL05-1.1-84	409	286	166	1.72	4.75	0.1032	0.0016	4.0957	0.0678	0.2881	0.0040	0.8358	1683	27.78	1653	13.56	1632	19.97	3.2
17DL05-1.1-85	140	141	115	1.23	0.0000	0.0752	0.0013	1.9758	0.0373	0.1908	0.0028	0.7883	1076	35.18	1107	12.76	1126	15.39	-4.4
17DL05-1.1-86	131	87.6	107	0.82	5.57	0.0960	0.0016	3.5605	0.0746	0.2685	0.0035	0.6206	1550	31.64	1541	16.64	1533	17.76	1.1
17DL05-1.1-87	151	144	157	0.92	0.00	0.0771	0.0014	1.9983	0.0460	0.1876	0.0028	0.6373	1124	37.04	1115	15.60	1108	14.95	1.4
17DL05-1.1-88	236	223	197	1.14	3.3068	0.0792	0.0016	2.1587	0.0521	0.1975	0.0029	0.5989	1177	36.57	1168	16.75	1162	15.37	1.3
17DL05-1.1-89	138	95.0	99.5	0.95	0.0000	0.1014	0.0018	3.7005	0.0799	0.2642	0.0039	0.6816	1650	32.56	1571	17.29	1511	19.84	9.2
17DL05-1.1-90	230	89.2	305	0.29	0.0000	0.1144	0.0015	5.2427	0.0970	0.3319	0.0052	0.8488	1872	23.30	1860	15.82	1847	25.24	1.3
17DL05-1.1-91	347	141	126	1.12	18.7	0.1650	0.0021	10.9000	0.1938	0.4785	0.0072	0.8467	2509	20.98	2515	16.63	2521	31.45	-0.5
17DL05-1.1-92	519	489	331	1.48	0.0000	0.0787	0.0012	2.2480	0.0426	0.2070	0.0027	0.6999	1165	25.00	1196	13.35	1213	14.68	-3.9
17DL05-1.1-93	187	124	143	0.87	35.7	0.1009	0.0019	3.7718	0.0872	0.2718	0.0053	0.8503	1640	35.18	1587	18.58	1550	27.09	5.8
17DL05-1.1-94	168	168	133	1.26	9.14	0.0800	0.0016	2.1498	0.0512	0.1949	0.0028	0.6119	1196	34.25	1165	16.53	1148	15.34	4.2
17DL05-1.1-95	185	126	129	0.98	0.0000	0.0985	0.0017	3.7480	0.0824	0.2759	0.0044	0.7260	1598	31.94	1582	17.65	1571	22.26	1.8
17DL05-1.1-96	257	143	224	0.64	0.0000	0.1064	0.0012	4.5259	0.0781	0.3083	0.0042	0.7973	1739	22.07	1736	14.40	1732	20.92	0.4
17DL05-1.1-97	288	244	341	0.72	0.0000	0.0810	0.0011	2.2991	0.0462	0.2058	0.0032	0.7814	1220	26.39	1212	14.24	1207	17.28	1.1
17DL05-1.1-98	276	108	105	1.03	0.0000	0.1689	0.0020	11.1669	0.2209	0.4789	0.0075	0.7951	2547	20.37	2537	18.52	2523	32.87	1.0
17DL05-1.1-99	204	125	120	1.04	12.2	0.1086	0.0018	4.5836	0.0849	0.3065	0.0040	0.7098	1776	29.63	1746	15.48	1723	19.90	3.1
17DL05-1.1-100	194	137	137	1.00	19.0	0.0960	0.0018	3.5945	0.0791	0.2717	0.0038	0.6340	1547	30.56	1548	17.50	1550	19.23	-0.2
Rejected analyses (discordant > 10%, error > 5%)																			
17DL05-1.1-52	942	920	413	2.23	27.2	0.0763	0.0011	2.2216	0.0406	0.2111	0.0026	0.6843	1103	27.78	1188	12.81	1235	14.05	-10.7
17DL05-1.1-54	127	117	121	0.97	10.0	0.0726	0.0014	1.9865	0.0464	0.1985	0.0028	0.6090	1011	38.59	1111	15.80	1167	15.21	-13.4

**Sample17DL07-1 (39°00'59.56"N , 121°47'23.48"E)**  
*Detrital zircons*

17DL07-1-01	281	128	441	0.29	18.7	0.1019	0.0009	4.1641	0.0799	0.2966	0.0055	0.9645	1658	16.51	1667	15.75	1674	27.31	-1.0
17DL07-1-02	217	83.3	362	0.23	0.0000	0.1140	0.0011	4.7219	0.0723	0.3004	0.0043	0.9439	1865	17.28	1771	12.89	1693	21.54	10.1
17DL07-1-03	190	154	263	0.59	2.49	0.0829	0.0008	2.5176	0.0523	0.2203	0.0044	0.9577	1278	18.52	1277	15.12	1284	23.16	-0.4
17DL07-1-04	137	136	135	1.01	0.0000	0.0798	0.0010	2.2263	0.0487	0.2022	0.0038	0.8540	1194	24.07	1189	15.34	1187	20.25	0.6
17DL07-1-05	176	101	128	0.79	0.0000	0.1120	0.0012	5.2695	0.0889	0.3413	0.0046	0.8041	1831	18.68	1864	14.45	1893	22.27	-3.3
17DL07-1-06	388	329	271	1.21	19.1	0.0880	0.0008	2.9518	0.0571	0.2433	0.0042	0.8863	1383	23.15	1395	14.71	1404	21.65	-1.5
17DL07-1-07	192	119	164	0.72	9.87	0.1005	0.0008	4.1379	0.0676	0.2988	0.0045	0.9236	1633	16.51	1662	13.41	1686	22.41	-3.1
17DL07-1-08	179	102	173	0.59	0.0000	0.1093	0.0010	4.5709	0.0755	0.3033	0.0044	0.8686	1788	16.67	1744	13.81	1708	21.55	4.7
17DL07-1-09	457	205	196	1.05	11.2	0.1608	0.0013	10.2028	0.1878	0.4600	0.0076	0.9007	2465	14.97	2453	17.10	2440	33.69	1.0
17DL07-1-10	337	231	263	0.88	0.0000	0.0993	0.0009	3.8549	0.0784	0.2815	0.0050	0.8667	1610	16.67	1604	16.43	1599	24.97	0.7
17DL07-1-11	213	148	159	0.93	41.6	0.0993	0.0010	3.8023	0.0751	0.2779	0.0049	0.8859	1611	17.44	1593	15.91	1581	24.53	1.9
17DL07-1-12	324	313	297	1.05	0.0000	0.0802	0.0009	2.2993	0.0512	0.2077	0.0035	0.7559	1267	22.22	1212	15.78	1216	18.67	4.1
17DL07-1-13	111	81.2	106	0.76	16.0	0.0906	0.0012	3.1999	0.0715	0.2568	0.0052	0.9000	1439	24.85	1457	17.31	1474	26.50	-2.4
17DL07-1-14	246	167	318	0.53	17.4	0.0892	0.0010	3.0476	0.0569	0.2477	0.0034	0.7254	1409	20.83	1420	14.31	1427	17.36	-1.2
17DL07-1-15	509	334	313	1.06	15.1	0.1018	0.0008	4.2067	0.0682	0.2999	0.0046	0.9383	1658	14.35	1675	13.35	1691	22.64	-2.0
17DL07-1-16	107	105	97.6	1.07	45.7	0.0794	0.0013	2.1334	0.0449	0.1954	0.0032	0.7694	1181	31.48	1160	14.58	1151	17.09	2.6
17DL07-1-17	182	125	138	0.91	0.0000	0.1006	0.0014	3.7104	0.0633	0.2682	0.0038	0.8342	1635	25.92	1574	13.69	1532	19.43	6.8
17DL07-1-18	199	236	131	1.80	0.32	0.0770	0.0012	1.8984	0.0413	0.1795	0.0035	0.9013	1120	25.00	1081	14.48	1064	19.24	5.3
17DL07-1-19	155	147	197	0.75	0.0000	0.0775	0.0010	2.0184	0.0421	0.1890	0.0031	0.7886	1144	25.93	1122	14.20	1116	16.88	2.6
17DL07-1-20	209	145	143	1.01	11.2	0.0983	0.0012	3.8212	0.0841	0.2817	0.0048	0.7785	1592	22.53	1597	17.74	1600	24.29	-0.5
17DL07-1-21	412	248	356	0.70	10.1	0.1038	0.0009	4.3402	0.0871	0.3035	0.0057	0.9440	1694	16.36	1701	16.60	1708	28.44	-0.8
17DL07-1-23	245	179	165	1.09	0.0000	0.0976	0.0010	3.8320	0.0721	0.2850	0.0047	0.8786	1589	18.52	1599	15.19	1617	23.65	-1.7
17DL07-1-25	195	140	88.5	1.58	24.2	0.1006	0.0012	4.0929	0.0909	0.2953	0.0055	0.8389	1635	22.22	1653	18.15	1668	27.38	-2.0
17DL07-1-26	137	71.9	145	0.50	20.5	0.1077	0.0011	4.7271	0.0775	0.3189	0.0050	0.9514	1761	22.69	1772	13.79	1784	24.33	-1.3
17DL07-1-27	578	248	171	1.45	0.0000	0.1805	0.0014	12.1426	0.1937	0.4882	0.0067	0.8580	2657	12.96	2615	15.07	2563	28.98	3.7
17DL07-1-28	111	86.0	66.5	1.29	11.70	0.0967	0.0018	3.4853	0.0807	0.2626	0.0046	0.7640	1561	35.50	1524	18.29	1503	23.71	3.9
17DL07-1-29	97	75.5	200	0.38	16.4	0.0766	0.0010	2.0232	0.0403	0.1917	0.0030	0.7744	1122	24.85	1123	13.55	1131	16.00	-0.7
17DL07-1-30	153	108	113	0.95	20.1	0.0975	0.0015	3.7918	0.0839	0.2823	0.0045	0.7143	1577	29.01	1591	17.81	1603	22.45	-1.6
17DL07-1-31	231	61.8	374	0.17	12.6	0.1190	0.0010	6.0103	0.1144	0.3667	0.0064	0.9138	1943	19.44	1977	16.62	2014	30.10	-3.5
17DL07-1-32	148	99.2	36.4	2.73	0.0000	0.1197	0.0023	5.6741	0.1555	0.3436	0.0062	0.6633	1954	34.42	1927	23.69	1904	29.98	2.6
17DL07-1-33	420	253	202	1.25	4.38	0.1123	0.0010	5.2849	0.0927	0.3416	0.0050	0.8308	1837	16.52	1866	15.02	1894	23.93	-3.0
17DL07-1-34	336	206	263	0.78	0.0000	0.1036	0.0011	4.5128	0.0854	0.3168	0.0055	0.9200	1700	19.91	1733	15.78	1774	27.03	-4.2
17DL07-1-35	162	116	200	0.58	0.0000	0.0890	0.0011	2.9096	0.0609	0.2372	0.0038	0.7625	1403	23.61	1384	15.84	1372	19.73	2.3
17DL07-1-36	193	124	181	0.69	0.0000	0.0984	0.0011	3.8436	0.0748	0.2839	0.0047	0.8525	1594	20.83	1602	15.73	1611	23.68	-1.0
17DL07-1-38	544	335	360	0.93	0.0000	0.1043	0.0009	4.4530	0.0801	0.3097	0.0046	0.8326	1703	15.12	1722	14.95	1739	22.84	-2.1
17DL07-1-39	296	288	168	1.71	0.00	0.0780	0.0018	2.3625	0.0716	0.2196	0.0040	0.5939	1147	44.91	1231	21.65	1280	20.92	-10.4
17DL07-1-40	102	75.6	125	0.61	0.0000	0.0882	0.0012	2.8711	0.0556	0.2371	0.0041	0.9019	1387	25.93	1374	14.62	1372	21.60	1.1
17DL07-1-41	214	103	52.7	1.95	0.0000	0.1624	0.0016	10.1161	0.1671	0.4527	0.0064	0.8612	2481	16.52	2445	15.35	2407	28.60	3.1
17DL07-1-42	75	50.7	58.3	0.87	17.3	0.1034	0.0016	4.0110	0.0979	0.2815	0.0049	0.7070	1687	28.24	1636	19.87	1599	24.45	5.5
17DL07-1-43	198	135	204	0.66	0.0000	0.0959	0.0011	3.4646	0.0639	0.2621	0.0035	0.7242	1546	20.68	1519	14.56	1501	17.89	3.0
17DL07-1-44	883	672	543	1.24	45.8	0.0998	0.0009	3.6094	0.0575	0.2626	0.0039	0.9343	1621	17.75	1552	12.72	1503	19.98	7.8
17DL07-1-45	262	118	294	0.40	0.0000	0.1209	0.0017	5.6541	0.0796	0.3414	0.0051	1.0562	1969	25.31	1924	12.22	1893	24.43	4.0

17DL07-1-46	189	137	124	1.11	5.40	0.0981	0.0010	3.7263	0.0711	0.2756	0.0044	0.8306	1591	19.91	1577	15.31	1569	22.09	1.4
17DL07-1-47	354	234	281	0.84	0.0000	0.1013	0.0009	4.1205	0.0832	0.2950	0.0050	0.8340	1648	16.67	1658	16.54	1666	24.75	-1.1
17DL07-1-48	465	322	656	0.49	13.5	0.0869	0.0009	2.8199	0.0484	0.2357	0.0035	0.8625	1358	25.00	1361	12.90	1364	18.22	-0.5
17DL07-1-49	139	88.9	66.9	1.33	2.4	0.1115	0.0024	5.0956	0.1515	0.3316	0.0061	0.6173	1833	39.81	1835	25.27	1846	29.48	-0.7
17DL07-1-50	311	174	141	1.23	1.49	0.1217	0.0017	6.6029	0.1676	0.3934	0.0079	0.7897	1983	19.91	2060	22.42	2139	36.50	-7.3
17DL07-1-51	222	184	125	1.48	11.4	0.0931	0.0015	3.2337	0.0694	0.2524	0.0041	0.7582	1500	30.71	1465	16.68	1451	21.17	3.4
17DL07-1-52	236	188	139	1.36	21.4	0.0943	0.0015	3.5534	0.0828	0.2735	0.0051	0.7931	1517	31.33	1539	18.49	1559	25.59	-2.7
17DL07-1-53	329	251	171	1.47	0.0000	0.0983	0.0014	3.8894	0.0810	0.2871	0.0047	0.7836	1592	25.93	1611	16.86	1627	23.49	-2.1
17DL07-1-54	240	169	157	1.07	0.0000	0.1007	0.0012	4.1031	0.0788	0.2952	0.0041	0.7308	1637	21.91	1655	15.72	1667	20.64	-1.8
17DL07-1-55	185	128	146	0.88	0.00	0.1011	0.0014	3.7613	0.0683	0.2700	0.0040	0.8063	1644	25.31	1585	14.61	1541	20.09	6.7
17DL07-1-56	124	97.8	74.7	1.31	16.9	0.0930	0.0014	3.3814	0.0623	0.2643	0.0040	0.8179	1489	28.24	1500	14.48	1512	20.32	-1.5
17DL07-1-57	253	155	241	0.64	3.00	0.1007	0.0011	4.1533	0.0891	0.2984	0.0051	0.8024	1639	19.91	1665	17.59	1684	25.52	-2.7
17DL07-1-58	229	158	155	1.02	35.7	0.0979	0.0012	3.8979	0.0691	0.2886	0.0039	0.7605	1584	22.99	1613	14.37	1635	19.49	-3.1
17DL07-1-59	316	266	539	0.49	0.0000	0.0751	0.0007	2.0640	0.0375	0.1991	0.0033	0.9040	1072	23.15	1137	12.45	1170	17.59	-8.4
17DL07-1-60	103	101	93.9	1.08	0.0000	0.0763	0.0013	2.0578	0.0455	0.1957	0.0033	0.7559	1103	1.70	1135	15.12	1152	17.64	-4.3
17DL07-1-61	133	97.5	94.1	1.04	0.0000	0.0954	0.0013	3.5963	0.0849	0.2731	0.0050	0.7710	1536	26.39	1549	18.79	1556	25.19	-1.3
17DL07-1-62	69.1	47.7	77.8	0.61	12.1	0.0902	0.0015	3.1471	0.0673	0.2535	0.0043	0.7872	1429	31.48	1444	16.51	1456	21.96	-1.8
17DL07-1-63	268	198	175	1.13	24.4	0.0964	0.0011	3.6897	0.0608	0.2779	0.0042	0.9244	1555	15.90	1569	13.20	1581	21.36	-1.6
17DL07-1-64	123	104	137	0.76	0.0000	0.0864	0.0013	2.5639	0.0575	0.2153	0.0035	0.7181	1346	29.63	1290	16.41	1257	18.41	7.1
17DL07-1-65	120	72.4	188	0.38	0.0000	0.0892	0.0009	3.1167	0.0505	0.2534	0.0034	0.8287	1409	19.75	1437	12.50	1456	17.52	-3.2
17DL07-1-66	99	73.1	57.3	1.28	1.91	0.0968	0.0015	3.6120	0.0698	0.2709	0.0035	0.6607	1563	29.93	1552	15.41	1546	17.57	1.1
17DL07-1-67	156	92.8	85.0	1.09	0.0000	0.1134	0.0013	5.3075	0.1003	0.3393	0.0051	0.7995	1855	20.37	1870	16.20	1883	24.70	-1.5
17DL07-1-68	258	95.2	164	0.58	0.0000	0.1614	0.0014	10.4427	0.1627	0.4693	0.0063	0.8585	2470	14.82	2475	14.54	2480	27.58	-0.4
17DL07-1-69	131	96.3	153	0.63	27.7	0.0891	0.0011	2.9478	0.0493	0.2403	0.0033	0.8226	1406	24.08	1394	12.70	1388	17.18	1.3
17DL07-1-70	511	323	290	1.12	0.0000	0.1053	0.0011	4.5365	0.0733	0.3128	0.0043	0.8551	1720	19.91	1738	13.50	1755	21.25	-1.9
17DL07-1-71	107.1	37.9	323	0.12	42.7	0.0886	0.0018	3.1616	0.1485	0.2535	0.0081	0.6823	1398	34.26	1448	36.25	1457	41.80	-4.0
17DL07-1-72	138	91.4	115	0.80	0.0000	0.0991	0.0013	3.8884	0.0743	0.2854	0.0048	0.8876	1607	24.23	1611	15.48	1619	24.31	-0.7
17DL07-1-73	122	70.5	154	0.46	16.8	0.0989	0.0013	3.7590	0.0731	0.2756	0.0038	0.7160	1606	23.92	1584	15.63	1569	19.41	2.3
17DL07-1-75	170	187	122	1.53	0.0000	0.0780	0.0013	2.0154	0.0398	0.1877	0.0023	0.6157	1148	30.56	1121	13.41	1109	12.39	3.5
17DL07-1-76	224	143	136	1.06	18.0	0.1038	0.0011	4.3025	0.0820	0.3003	0.0042	0.7424	1694	20.37	1694	15.74	1693	21.08	0.1
17DL07-1-77	139	90.8	116	0.78	0.86	0.1022	0.0016	4.0114	0.0783	0.2850	0.0039	0.6939	1665	28.86	1637	15.90	1617	19.38	3.0
17DL07-1-78	283	190	149	1.27	4.90	0.1051	0.0012	4.3793	0.0784	0.3034	0.0052	0.9547	1717	20.68	1708	14.85	1708	25.67	0.5
17DL07-1-79	211	120	195	0.61	0.0000	0.1030	0.0011	4.3234	0.0821	0.3045	0.0047	0.8164	1680	19.76	1698	15.71	1714	23.35	-2.0
17DL07-1-80	110	100	105	0.95	7.49	0.0795	0.0012	2.2836	0.0510	0.2083	0.0032	0.6967	1187	30.71	1207	15.81	1220	17.32	-2.7
17DL07-1-81	113	87.0	127	0.68	0.0000	0.0839	0.0013	2.7226	0.0573	0.2353	0.0033	0.6599	1300	29.63	1335	15.65	1362	17.07	-4.6
17DL07-1-82	127	67.6	142	0.48	0.0000	0.1072	0.0015	4.2719	0.0725	0.2893	0.0032	0.6420	1754	24.54	1688	14.02	1638	15.79	7.1
17DL07-1-83	215	131	202	0.65	0.0000	0.0976	0.0011	4.0059	0.0622	0.2983	0.0040	0.8667	1589	20.37	1635	12.66	1683	19.94	-5.6
17DL07-1-84	298	211	165	1.28	1.93	0.0993	0.0011	3.9170	0.0653	0.2870	0.0047	0.9738	1613	20.37	1617	13.53	1626	23.35	-0.8
17DL07-1-85	401	253	188	1.35	6.87	0.1067	0.0011	4.8180	0.0783	0.3277	0.0043	0.8001	1744	19.60	1788	13.72	1827	20.71	-4.5
17DL07-1-86	261	176	121	1.45	10.6	0.1092	0.0013	4.9463	0.0984	0.3289	0.0055	0.8379	1787	22.23	1810	16.85	1833	26.62	-2.5
17DL07-1-87	154	112	95.2	1.18	0.0000	0.0951	0.0013	3.6086	0.0675	0.2755	0.0036	0.7022	1529	24.23	1551	14.92	1569	18.32	-2.5
17DL07-1-88	347	168	99.7	1.69	59.4	0.1550	0.0015	9.3503	0.1929	0.4377	0.0079	0.8768	2402	15.59	2373	18.99	2340	35.53	2.6

17DL07-1-89	280	252	196	1.28	0.0000	0.0860	0.0010	2.7095	0.0570	0.2286	0.0039	0.8083	1339	23.31	1331	15.64	1327	20.42	0.9
17DL07-1-90	264	165	173	0.95	7.07	0.1071	0.0011	4.5970	0.0927	0.3111	0.0051	0.8074	1752	19.14	1749	16.85	1746	24.91	0.3
17DL07-1-91	336	238	181	1.32	0.0000	0.1023	0.0010	4.0987	0.0791	0.2911	0.0052	0.9273	1666	18.52	1654	15.78	1647	26.01	1.1
17DL07-1-92	135	88.8	182	0.49	0.0000	0.0896	0.0010	3.0334	0.0588	0.2457	0.0042	0.8796	1418	21.61	1416	14.83	1416	21.69	0.1
17DL07-1-93	196	149	109	1.37	0.0000	0.1014	0.0014	3.7534	0.0680	0.2686	0.0035	0.7162	1650	25.77	1583	14.57	1534	17.74	7.6
17DL07-1-94	86	77.3	84.2	0.92	17.4	0.0820	0.0013	2.3659	0.0518	0.2097	0.0038	0.8264	1256	31.49	1232	15.66	1227	20.24	2.3
17DL07-1-95	31.79	0.64	171	0.00	0.19	0.0782	0.0012	2.0736	0.0382	0.1924	0.0024	0.6773	1154	28.55	1140	12.63	1134	12.98	1.7
17DL07-1-96	189	109	172	0.63	25.5	0.1074	0.0011	4.4830	0.0726	0.3030	0.0046	0.9426	1767	18.52	1728	13.49	1706	22.89	3.6
17DL07-1-97	306	235	167	1.40	1.45	0.0972	0.0010	3.6298	0.0646	0.2709	0.0043	0.8894	1572	19.60	1556	14.21	1545	21.78	1.7
17DL07-1-98	188	122	145	0.84	8.39	0.1022	0.0011	4.0408	0.0613	0.2869	0.0040	0.9249	1665	14.35	1642	12.40	1626	20.19	2.4
17DL07-1-99	152	128	101.2	1.27	44.3	0.0900	0.0014	2.9476	0.0595	0.2377	0.0035	0.7384	1425	29.94	1394	15.34	1375	18.47	3.7
17DL07-1-100	56.7	43.2	47.3	0.91	40.2	0.0947	0.0018	3.1992	0.0841	0.2447	0.0044	0.6858	1524	35.34	1457	20.37	1411	22.87	8.0
Rejected analyses (discordant > 10%, error > 5%)																			
17DL07-1-22	266.3	55.2	952	0.06	10.5	0.1027	0.0009	3.6388	0.0938	0.2565	0.0058	0.8756	1674	20.84	1558	20.55	1472	29.70	13.7
17DL07-1-24	488	333	312	1.07	0.0000	0.0987	0.0008	3.9322	0.0761	0.2888	0.0049	0.8796	2000	14.81	1620	15.71	1636	24.61	22.3
17DL07-1-37	387	302	253	1.19	0.0000	0.0984	0.0021	3.2256	0.0720	0.2382	0.0040	0.7541	1595	40.58	1463	17.32	1377	20.88	15.8
17DL07-1-74	360	223	329	0.68	17.1	0.0988	0.0010	4.0449	0.0725	0.2973	0.0046	0.8681	2000	18.52	1643	14.64	1678	23.01	19.2
Sample17DL09-1 (39°09'16.73"N , 122°08'57.20"E)																			
Detrital zircons																			
17DL09-1.1-01	194	96.0	201	0.48	0.0000	0.1096	0.0015	4.8805	0.0963	0.3222	0.0051	0.7974	1794	24.85	1799	16.67	1801	24.74	-0.3
17DL09-1.1-02	154	115.0	106.7	1.08	0.0000	0.0983	0.0018	3.6138	0.0768	0.2665	0.0040	0.7000	1591	29.47	1553	16.93	1523	20.19	4.5
17DL09-1.1-03	201	108.5	141.4	0.77	16.44	0.1283	0.0052	6.2051	0.3147	0.3470	0.0051	0.2872	2076	38.73	2005	44.37	1920	24.22	8.1
17DL09-1.1-04	775	561	292	1.92	0.0000	0.1016	0.0013	4.1759	0.0767	0.2973	0.0042	0.7686	1654	22.68	1669	15.08	1678	20.87	-1.4
17DL09-1.1-05	179	124.2	207	0.60	17.7	0.0925	0.0015	3.3033	0.0812	0.2578	0.0039	0.6166	1480	26.85	1482	19.19	1479	20.05	0.1
17DL09-1.1-06	65.2	32.4	81.6	0.40	7.36	0.1067	0.0022	4.2472	0.0979	0.2884	0.0040	0.5987	1744	37.65	1683	18.97	1633	19.92	6.8
17DL09-1.1-07	162	155.6	161.6	0.96	5.08	0.0846	0.0013	2.4256	0.0505	0.2076	0.0031	0.7205	1306	30.09	1250	14.99	1216	16.63	7.4
17DL09-1.1-08	278	155.0	249	0.62	0.0000	0.1090	0.0014	4.9313	0.0892	0.3279	0.0050	0.8387	1783	23.77	1808	15.32	1828	24.18	-2.5
17DL09-1.1-09	351	275	292	0.94	18.03	0.0939	0.0013	3.3239	0.0611	0.2564	0.0035	0.7416	1506	26.70	1487	14.39	1471	17.96	2.4
17DL09-1.1-10	179	141.2	69.9	2.02	28.4	0.1028	0.0023	4.0045	0.0903	0.2825	0.0039	0.6180	1676	40.90	1635	18.35	1604	19.80	4.5
17DL09-1.-11	142	129.6	100.7	1.29	0.0000	0.0852	0.0021	2.6717	0.0720	0.2273	0.0035	0.5658	1320	46.61	1321	19.92	1321	18.21	0.0
17DL09-1.-12	249	196	124.9	1.57	0.0000	0.1019	0.0020	3.7871	0.0800	0.2694	0.0035	0.6133	1659	30.56	1590	17.00	1538	17.73	7.9
17DL09-1.-14	153	169	135.1	1.25	38.0	0.0779	0.0021	1.9635	0.0575	0.1828	0.0030	0.5661	1144	47.68	1103	19.73	1082	16.54	5.7
17DL09-1.-15	98.2	79.7	72.4	1.10	0.0000	0.0932	0.0019	3.1367	0.0659	0.2438	0.0027	0.5259	1492	37.81	1442	16.21	1407	13.98	6.0
17DL09-1.-16	193	124.9	146.5	0.85	0.0000	0.1051	0.0016	4.3034	0.0811	0.2967	0.0045	0.8079	1717	28.08	1694	15.58	1675	22.49	2.5
17DL09-1.-17	405	360	186	1.94	0.0000	0.0916	0.0015	3.1885	0.0662	0.2523	0.0041	0.7851	1458	30.10	1454	16.07	1450	21.17	0.6
17DL09-1.-18	312	229	171.9	1.33	9.16	0.1062	0.0015	4.2298	0.0772	0.2882	0.0038	0.7277	1800	25.93	1680	15.04	1633	19.19	10.3
17DL09-1.-19	183	117.1	142.0	0.82	0.0000	0.1035	0.0015	4.2695	0.0790	0.2987	0.0043	0.7743	1687	26.70	1688	15.26	1685	21.25	0.1
17DL09-1.-20	213	185	144.9	1.28	0.0000	0.0907	0.0015	2.9974	0.0694	0.2386	0.0037	0.6750	1440	31.48	1407	17.65	1379	19.42	4.4
17DL09-1.1-21	111.6	87.5	116.3	0.75	0.0000	0.0887	0.0017	2.9208	0.0715	0.2379	0.0037	0.6282	1398	35.96	1387	18.55	1376	19.07	1.6
17DL09-1.1-22	246	178.5	159.8	1.12	0.0000	0.0996	0.0015	3.9038	0.0764	0.2840	0.0045	0.8130	1617	27.77	1614	15.85	1612	22.69	0.3
17DL09-1.1-23	82.7	59.7	47.4	1.26	0.0000	0.1044	0.0027	4.2783	0.1369	0.2969	0.0058	0.6151	1706	46.76	1689	26.36	1676	29.06	1.8

17DL09-1.1-24	339	281	171.1	1.64	0.0000	0.0964	0.0016	3.4939	0.0740	0.2626	0.0039	0.7002	1555	31.64	1526	16.76	1503	19.91	3.5
17DL09-1.1-25	108.0	80.6	63.2	1.27	0.0000	0.1020	0.0020	3.9795	0.0972	0.2826	0.0046	0.6728	1661	32.41	1630	19.84	1605	23.35	3.5
17DL09-1.1-27	124	104.5	89.0	1.17	0.0000	0.0919	0.0020	3.0949	0.0819	0.2438	0.0037	0.5801	1465	36.57	1431	20.34	1406	19.42	4.2
17DL09-1.1-28	285	176.5	237	0.74	0.0000	0.1055	0.0014	4.4481	0.0877	0.3056	0.0050	0.8258	1724	23.92	1721	16.40	1719	24.60	0.3
17DL09-1.1-29	167	125.3	112.5	1.11	0.0000	0.0990	0.0017	3.8011	0.0882	0.2782	0.0047	0.7324	1606	31.48	1593	18.68	1582	23.85	1.5
17DL09-1.1-30	486	399	231	1.73	0.0000	0.0964	0.0016	3.6330	0.0853	0.2734	0.0051	0.7873	1567	31.33	1557	18.72	1558	25.58	0.6
17DL09-1.1-31	145	109.5	151.3	0.72	0.0000	0.0953	0.0022	3.2404	0.0950	0.2461	0.0039	0.5406	1544	38.12	1467	22.77	1418	20.20	8.9
17DL09-1.1-32	202	160.4	148.5	1.08	0.90	0.0959	0.0014	3.5076	0.0762	0.2653	0.0046	0.7909	1546	28.09	1529	17.19	1517	23.24	1.9
17DL09-1.1-33	395	151.5	256	0.59	0.0000	0.1558	0.0026	9.7487	0.2563	0.4511	0.0075	0.6328	2411	27.62	2411	24.27	2400	33.37	0.4
17DL09-1.1-34	178	83.6	232	0.36	6.48	0.1095	0.0017	4.6532	0.0882	0.3081	0.0039	0.6699	1791	28.86	1759	15.89	1731	19.31	3.4
17DL09-1.1-35	179	137.6	128.4	1.07	0.0000	0.0987	0.0017	3.6848	0.0727	0.2709	0.0035	0.6512	1600	31.64	1568	15.80	1545	17.68	3.5
17DL09-1.1-36	424	395	630	0.63	8.22	0.0774	0.0010	2.0664	0.0371	0.1935	0.0026	0.7522	1131	30.56	1138	12.31	1140	14.13	-0.8
17DL09-1.1-37	189	160.3	310	0.52	37.7	0.0778	0.0012	2.1546	0.0392	0.2013	0.0031	0.8469	1143	31.02	1167	12.66	1182	16.68	-3.4
17DL09-1.1-38	207	102.2	72.4	1.41	0.0000	0.1580	0.0023	9.5736	0.2040	0.4392	0.0075	0.8019	2435	25.77	2395	19.66	2347	33.64	3.7
17DL09-1.1-39	208	157.8	123.4	1.28	4.7788	0.0972	0.0021	3.6998	0.0956	0.2756	0.0037	0.5155	1572	41.82	1571	20.68	1569	18.57	0.2
17DL09-1.1-40	312	211	194	1.09	12.61	0.1057	0.0016	4.3666	0.0819	0.2999	0.0044	0.7753	1728	27.93	1706	15.54	1691	21.65	2.2
17DL09-1.1-41	190	129.5	159.4	0.81	45.1	0.0966	0.0016	3.7213	0.0721	0.2795	0.0039	0.7176	1561	31.02	1576	15.54	1589	19.59	-1.7
17DL09-1.1-42	157	154.7	150.1	1.03	48.1	0.0776	0.0012	2.1829	0.0477	0.2038	0.0031	0.6981	1136	31.48	1176	15.24	1196	16.67	-5.0
17DL09-1.1-43	251	155.4	211	0.74	55.8	0.1041	0.0016	4.3759	0.0967	0.3048	0.0053	0.7898	1698	29.17	1708	18.29	1715	26.29	-1.0
17DL09-1.1-44	257	323	103.5	3.12	0.0000	0.0769	0.0020	1.9549	0.0512	0.1849	0.0030	0.6222	1120	18.06	1100	17.62	1094	16.41	2.4
17DL09-1.1-45	366	129.1	238	0.54	0.0000	0.1716	0.0020	11.4260	0.2019	0.4829	0.0070	0.8249	2573	20.84	2559	16.59	2540	30.64	1.3
17DL09-1.1-46	319	258	239	1.08	28.9	0.0930	0.0014	3.2165	0.0657	0.2509	0.0039	0.7514	1487	29.47	1461	15.85	1443	19.86	3.1
17DL09-1.1-47	249	190	181.7	1.05	26.8	0.0966	0.0016	3.5315	0.0701	0.2651	0.0035	0.6632	1561	31.48	1534	15.74	1516	17.80	3.0
17DL09-1.1-49	157	106.9	194	0.55	16.89	0.0901	0.0016	3.1951	0.0660	0.2576	0.0037	0.7025	1428	33.34	1456	16.02	1478	19.19	-3.4
17DL09-1.1-50	100.9	62.1	85.7	0.72	0.0000	0.1110	0.0024	4.6102	0.1088	0.3012	0.0038	0.5364	1817	38.58	1751	19.73	1697	18.92	7.0
17DL09-1.1-51	248	185	160.5	1.15	0.0000	0.0972	0.0017	3.6893	0.0693	0.2756	0.0037	0.7179	1572	31.78	1569	15.03	1569	18.79	0.2
17DL09-1.1-52	45.15	0.53	234	0.00	35.6	0.0800	0.0015	2.0743	0.0473	0.1878	0.0024	0.5681	1198	37.03	1140	15.64	1109	13.21	8.0
17DL09-1.1-53	87.5	69.0	66.2	1.04	12.38	0.0977	0.0025	3.4940	0.0958	0.2598	0.0039	0.5436	1581	47.84	1526	21.68	1489	19.84	6.2
17DL09-1.1-55	229	172.1	135.3	1.27	0.0000	0.0970	0.0016	3.7046	0.0744	0.2772	0.0036	0.6550	1566	26.85	1572	16.09	1577	18.42	-0.7
17DL09-1.1-56	197	136.8	97.7	1.40	9.61	0.1080	0.0027	4.6886	0.1240	0.3161	0.0054	0.6415	1766	44.91	1765	22.16	1771	26.28	-0.3
17DL09-1.1-57	247	270	174.7	1.55	0.00	0.0771	0.0016	2.0153	0.0450	0.1900	0.0025	0.5827	1124	42.60	1121	15.17	1121	13.40	0.3
17DL09-1.1-58	292	199	222	0.90	8.77	0.1006	0.0013	3.9618	0.0694	0.2858	0.0038	0.7622	1635	24.68	1626	14.25	1621	19.15	0.9
17DL09-1.1-59	283	284	244	1.16	45.0	0.0813	0.0014	2.2341	0.0508	0.1990	0.0030	0.6577	1231	31.94	1192	15.98	1170	16.02	5.3
17DL09-1.1-60	219	220	210	1.04	7.63	0.0765	0.0014	2.0415	0.0447	0.1937	0.0027	0.6447	1109	38.12	1129	14.93	1142	14.77	-2.8
17DL09-1.1-61	140	79.9	107.1	0.75	0.0000	0.1134	0.0020	5.0444	0.1080	0.3228	0.0047	0.6836	1855	26.70	1827	18.18	1803	23.04	2.9
17DL09-1.1-62	276	181.9	235	0.77	1.43	0.1011	0.0015	3.9958	0.0750	0.2870	0.0041	0.7585	1644	27.78	1633	15.28	1627	20.48	1.1
17DL09-1.1-63	178	125.8	147.7	0.85	4.85	0.1011	0.0018	3.8113	0.0840	0.2736	0.0040	0.6635	1656	34.72	1595	17.76	1559	20.27	6.2
17DL09-1.1-64	290	212	241	0.88	0.00	0.0937	0.0020	3.4198	0.0688	0.2654	0.0034	0.6393	1502	40.74	1509	15.84	1517	17.41	-1.0
17DL09-1.1-65	213	146.0	134.2	1.09	19.7	0.1076	0.0018	4.4202	0.0922	0.2979	0.0040	0.6414	1758	29.94	1716	17.32	1681	19.83	4.6
17DL09-1.1-66	370	302	184.7	1.63	0.0000	0.1014	0.0015	3.7690	0.0699	0.2697	0.0037	0.7442	1650	21.76	1586	14.93	1539	18.93	7.2
17DL09-1.1-67	180	189	157.1	1.20	18.8	0.0817	0.0016	2.2194	0.0613	0.1963	0.0030	0.5457	1239	38.27	1187	19.36	1155	15.96	7.2
17DL09-1.1-68	259	206	178.7	1.15	37.7	0.0962	0.0016	3.4440	0.0785	0.2596	0.0042	0.7075	1554	31.33	1514	17.97	1488	21.44	4.4

17DL09-1.1-69	628	749	256	2.93	1.24	0.0791	0.0012	2.0827	0.0411	0.1909	0.0025	0.6525	1176	31.02	1143	13.56	1126	13.32	4.4
17DL09-1.1-70	195	204	192	1.06	0.0000	0.0795	0.0016	2.1483	0.0505	0.1965	0.0034	0.7305	1183	38.89	1164	16.29	1157	18.18	2.3
17DL09-1.1-71	472	350	305	1.15	0.0000	0.0982	0.0016	3.7371	0.0687	0.2765	0.0036	0.6998	1591	31.02	1579	14.77	1574	17.99	1.1
17DL09-1.1-73	157	159.0	171.9	0.92	3.82	0.0791	0.0016	2.1401	0.0473	0.1965	0.0026	0.5928	1176	34.26	1162	15.33	1157	13.90	1.7
17DL09-1.1-74	326	215	172.9	1.24	2.52	0.1128	0.0016	5.0364	0.0991	0.3238	0.0046	0.7252	1856	24.85	1825	16.71	1808	22.52	2.6
17DL09-1.1-76	83.3	58.2	55.7	1.05	0.0000	0.0995	0.0024	3.9067	0.1110	0.2850	0.0042	0.5161	1615	46.29	1615	23.00	1616	20.99	-0.1
17DL09-1.1-77	177	125.6	81.6	1.54	0.0000	0.1034	0.0023	4.4246	0.1177	0.3104	0.0043	0.5159	1687	35.03	1717	22.06	1742	20.97	-3.2
17DL09-1.1-78	107.4	72.1	111.2	0.65	0.0000	0.0938	0.0016	3.5584	0.0677	0.2756	0.0030	0.5663	1503	32.72	1540	15.11	1569	15.02	-4.2
17DL09-1.1-79	130	99.2	98.9	1.00	0.0000	0.0965	0.0018	3.5485	0.0959	0.2661	0.0042	0.5904	1558	36.27	1538	21.43	1521	21.63	2.4
17DL09-1.1-81	331	142.9	138.7	1.03	0.0000	0.1617	0.0021	10.5760	0.2088	0.4748	0.0074	0.7911	2473	22.22	2487	18.39	2505	32.44	-1.3
17DL09-1.1-82	174	134.3	109.1	1.23	10.80	0.0933	0.0016	3.5636	0.0765	0.2772	0.0037	0.6198	1494	33.34	1541	17.04	1577	18.62	-5.3
17DL09-1.1-83	132	91.7	96.6	0.95	0.0000	0.0963	0.0017	3.8085	0.0824	0.2868	0.0035	0.5714	1554	32.87	1595	17.43	1626	17.77	-4.4
17DL09-1.1-84	290	231	131.7	1.75	24.3	0.0978	0.0016	3.8153	0.0811	0.2830	0.0037	0.6174	1583	31.17	1596	17.15	1607	18.69	-1.5
17DL09-1.1-85	337	205	220	0.93	5.68	0.1069	0.0014	4.7976	0.0838	0.3260	0.0043	0.7634	1747	25.16	1784	14.72	1819	21.15	-4.0
17DL09-1.1-86	101.7	96.7	102.1	0.95	8.80	0.0784	0.0017	2.2776	0.0535	0.2114	0.0029	0.5852	1167	38.73	1205	16.61	1236	15.49	-5.6
17DL09-1.1-88	202	201	191	1.05	0.0000	0.0791	0.0013	2.2158	0.0509	0.2028	0.0027	0.5694	1176	33.33	1186	16.08	1190	14.22	-1.2
17DL09-1.1-89	170	136.4	90.1	1.51	0.0000	0.0949	0.0017	3.5723	0.0966	0.2720	0.0049	0.6638	1528	33.34	1543	21.49	1551	24.77	-1.5
17DL09-1.1-90	300	221	178	1.24	0.0000	0.0997	0.0014	3.9470	0.0739	0.2873	0.0040	0.7421	1618	24.54	1623	15.22	1628	20.02	-0.6
17DL09-1.1-91	151	111.0	100.4	1.11	0.0000	0.0997	0.0017	3.8505	0.0806	0.2803	0.0040	0.6739	1618	31.48	1603	16.91	1593	19.93	1.5
17DL09-1.1-92	293	215	146.2	1.47	15.22	0.1038	0.0016	4.3023	0.0883	0.3006	0.0044	0.7198	1694	28.24	1694	16.94	1695	22.03	0.0
17DL09-1.1-93	226	154.0	147.9	1.04	0.0000	0.1055	0.0014	4.3651	0.0840	0.2999	0.0047	0.8083	1724	23.76	1706	15.94	1691	23.16	2.0
17DL09-1.1-94	224	191	340	0.56	0.0000	0.0785	0.0010	2.2296	0.0444	0.2056	0.0031	0.7463	1159	19.44	1190	13.98	1205	16.35	-3.9
17DL09-1.1-95	153	100.9	141.0	0.72	0.0000	0.0978	0.0015	3.7986	0.0783	0.2812	0.0040	0.6940	1583	28.39	1592	16.60	1597	20.25	-0.9
17DL09-1.1-96	207	140.2	111.9	1.25	17.3	0.1063	0.0013	4.5562	0.0794	0.3102	0.0042	0.7724	1739	22.22	1741	14.56	1742	20.57	-0.2
17DL09-1.1-97	256	137.8	224	0.62	6.44	0.1099	0.0013	4.9565	0.0786	0.3267	0.0044	0.8420	1798	22.06	1812	13.46	1822	21.23	-1.3
17DL09-1.1-98	135	89.6	83.9	1.07	1.55	0.1072	0.0021	4.4308	0.0962	0.2998	0.0045	0.6885	1752	35.34	1718	18.02	1690	22.24	3.6
17DL09-1.1-99	147	157.8	116.9	1.35	11.04	0.0776	0.0015	2.1104	0.0491	0.1967	0.0028	0.6093	1137	37.35	1152	16.04	1157	15.03	-1.8
17DL09-1.1-100	131	82.6	95.6	0.86	0.0000	0.1061	0.0018	4.5224	0.0996	0.3087	0.0050	0.7386	1800	31.33	1735	18.35	1734	24.74	3.8
Rejected analyses (discordant > 10%, error > 5%)																			
17DL09-1.-13	66.5	48.9	33.8	1.45	20.04	0.1110	0.0049	4.3399	0.1838	0.2840	0.0042	0.3501	1817	47.22	1701	34.97	1611	21.16	12.7
17DL09-1.1-26	70.5	76.6	71.8	1.07	35.2	0.0790	0.0024	2.0732	0.0682	0.1908	0.0036	0.5674	1172	60.65	1140	22.55	1126	19.30	4.1
17DL09-1.1-48	150	91.0	104.2	0.87	37.15	0.1016	0.0039	4.5176	0.1786	0.3223	0.0045	0.3517	1654	71.45	1734	32.89	1801	21.87	-8.2
17DL09-1.1-54	179	207	68.2	3.03	26.08	0.0751	0.0027	2.0410	0.0856	0.1966	0.0036	0.4344	1072	72.23	1129	28.58	1157	19.30	-7.3
17DL09-1.1-72	140	137.6	108.5	1.27	0.00	0.0846	0.0029	2.5701	0.0947	0.2203	0.0031	0.3856	1306	66.67	1292	26.96	1283	16.56	1.7
17DL09-1.1-75	199	144.3	81.8	1.77	0.0000	0.1069	0.0033	4.4612	0.1494	0.3024	0.0034	0.3404	1747	51.08	1724	27.81	1703	17.09	2.6
17DL09-1.1-80	145	101.6	104.9	0.97	0.0000	0.0988	0.0017	3.8908	0.0793	0.2862	0.0038	0.6590	2000	33.33	1612	16.51	1623	19.30	23.3
17DL09-1.1-87	56.5	58.9	56.2	1.05	0.0000	0.0757	0.0024	2.0165	0.0625	0.1945	0.0030	0.4943	1087	58.34	1121	21.06	1146	16.09	-5.1

**Sample17DC01-1 (39°18'08"N , 122°30'50"E)**

*Detrital zircons*

17DC01-1-01	185	129.0	159.4	0.81	28.2	0.0927	0.0016	3.3849	0.0931	0.2639	0.0051	0.7039	1483	31.94	1501	21.58	1510	26.07	-1.8
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17DC01-1-02	128.0	77.4	159.8	0.48	0.0000	0.0961	0.0017	3.4590	0.0804	0.2608	0.0043	0.7062	1551	32.87	1518	18.33	1494	21.90	3.8
17DC01-1-03	233	155.6	182.2	0.85	0.0000	0.1030	0.0019	3.8841	0.0792	0.2736	0.0036	0.6479	1680	28.86	1610	16.50	1559	18.31	7.7
17DC01-1-04	279	270	243	1.11	115.9	0.0791	0.0013	2.1450	0.0440	0.1967	0.0029	0.7235	1176	31.94	1163	14.24	1158	15.75	1.6
17DC01-1-06	371	221	275	0.80	0.0000	0.1071	0.0014	4.5826	0.0865	0.3102	0.0045	0.7614	1750	22.69	1746	15.78	1742	21.95	0.5
17DC01-1-07	159.2	72.1	192	0.38	171.1	0.1088	0.0015	4.7354	0.0898	0.3154	0.0042	0.7032	1779	25.77	1774	15.94	1767	20.63	0.7
17DC01-1-08	121.7	47.0	64.6	0.73	98.9	0.1653	0.0028	10.3948	0.2082	0.4561	0.0057	0.6211	2510	28.70	2471	18.63	2422	25.15	3.6
17DC01-1-09	253	162.8	232	0.70	0.0000	0.1023	0.0014	3.9430	0.0723	0.2796	0.0039	0.7544	1666	25.93	1623	14.90	1589	19.51	4.9
17DC01-1-10	322	307	233	1.32	0.0000	0.0848	0.0016	2.5037	0.0568	0.2140	0.0031	0.6420	1322	35.65	1273	16.47	1250	16.55	5.8
17DC01-1-100	183	126.5	119.0	1.06	0.0000	0.0997	0.0020	3.7977	0.0931	0.2759	0.0045	0.6646	1618	38.73	1592	19.74	1571	22.73	3.0
17DC01-1-11	265	257	241	1.07	0.0000	0.0819	0.0014	2.2345	0.0514	0.1975	0.0028	0.6125	1243	34.11	1192	16.15	1162	14.98	7.0
17DC01-1-12	161	101.5	108.4	0.94	668	0.0984	0.0019	3.7679	0.0834	0.2777	0.0033	0.5430	1594	32.41	1586	17.78	1580	16.85	0.9
17DC01-1-13	292	204.5	209.2	0.98	0.0000	0.1013	0.0018	3.8445	0.0797	0.2756	0.0040	0.6925	1648	31.64	1602	16.74	1569	20.01	5.0
17DC01-1-14	243	160.8	180.4	0.89	121.5	0.0995	0.0019	4.0835	0.0890	0.2980	0.0041	0.6368	1615	30.71	1651	17.82	1682	20.57	-4.0
17DC01-1-15	166	122.0	89.1	1.37	0.0000	0.1006	0.0020	3.8399	0.0879	0.2778	0.0050	0.7822	1635	37.03	1601	18.48	1580	25.12	3.5
17DC01-1-16	179	98.8	130.9	0.75	471	0.1101	0.0017	4.8680	0.0954	0.3207	0.0046	0.7394	1811	27.47	1797	16.55	1793	22.70	1.0
17DC01-1-17	362	241	277	0.87	0.0000	0.1017	0.0017	4.0466	0.0852	0.2889	0.0045	0.7461	1657	31.33	1644	17.19	1636	22.72	1.3
17DC01-1-18	357	211	230	0.92	102.9	0.1144	0.0017	5.3024	0.1122	0.3359	0.0050	0.7080	1872	27.32	1869	18.12	1867	24.30	0.3
17DC01-1-20	236	182.1	277	0.66	0.0000	0.0862	0.0015	2.7632	0.0627	0.2325	0.0035	0.6678	1343	33.33	1346	16.95	1347	18.45	-0.4
17DC01-1-21	357	304	407	0.75	507	0.0819	0.0012	2.3604	0.0533	0.2088	0.0033	0.6949	1243	29.63	1231	16.12	1222	17.48	1.7
17DC01-1-22	181	134.1	91.3	1.47	0.0000	0.0987	0.0023	3.8509	0.1014	0.2836	0.0046	0.6135	1599	44.13	1603	21.26	1610	23.03	-0.7
17DC01-1-23	329	314	320	0.98	0.0000	0.0807	0.0014	2.2603	0.0519	0.2036	0.0038	0.8121	1215	29.47	1200	16.17	1195	20.33	1.7
17DC01-1-24	157	107.1	117.7	0.91	0.0000	0.0996	0.0021	3.7718	0.0800	0.2753	0.0036	0.6158	1618	34.26	1587	17.05	1567	18.19	3.2
17DC01-1-25	532	392	355	1.11	47.3	0.1000	0.0013	3.7023	0.0657	0.2687	0.0036	0.7619	1633	25.46	1572	14.23	1534	18.48	6.5
17DC01-1-26	291	186.9	227	0.82	0.0000	0.0970	0.0015	3.9415	0.0825	0.2947	0.0044	0.7050	1569	28.55	1622	17.00	1665	21.68	-5.8
17DC01-1-27	348	188.6	300	0.63	91.0	0.1072	0.0014	4.6890	0.0958	0.3169	0.0046	0.7049	1754	24.69	1765	17.14	1774	22.36	-1.2
17DC01-1-28	334	301	334	0.90	256	0.0773	0.0013	2.2042	0.0523	0.2074	0.0043	0.8665	1131	35.19	1182	16.60	1215	22.79	-6.9
17DC01-1-29	319	210	223	0.94	0.0000	0.0984	0.0016	3.9200	0.0911	0.2892	0.0054	0.7961	1595	30.40	1618	18.84	1638	26.78	-2.6
17DC01-1-30	192	118.9	148.5	0.80	0.0000	0.1063	0.0020	4.3616	0.1037	0.2979	0.0047	0.6666	1739	35.03	1705	19.67	1681	23.47	3.4
17DC01-1-31	287	190.5	198.1	0.96	0.0000	0.0983	0.0016	3.9704	0.0817	0.2933	0.0048	0.8005	1592	29.32	1628	16.72	1658	24.08	-4.0
17DC01-1-32	297	212.9	124.2	1.71	284	0.0974	0.0021	3.8150	0.0950	0.2846	0.0048	0.6825	1576	36.11	1596	20.06	1614	24.28	-2.4
17DC01-1-33	214	114.4	177.3	0.65	94.5	0.1071	0.0018	4.8045	0.0874	0.3261	0.0050	0.8443	1752	30.25	1786	15.33	1819	24.36	-3.7
17DC01-1-34	190	137.3	128.7	1.07	0.0000	0.0985	0.0017	3.5874	0.0774	0.2637	0.0034	0.5960	1596	31.48	1547	17.16	1509	17.32	5.8
17DC01-1-36	284	252	277	0.91	487	0.0822	0.0015	2.3678	0.0530	0.2092	0.0037	0.7830	1250	34.73	1233	15.99	1225	19.54	2.1
17DC01-1-37	490	346	212	1.63	0.0000	0.1001	0.0016	4.1388	0.0858	0.2998	0.0045	0.7184	1625	30.40	1662	17.00	1690	22.17	-3.9
17DC01-1-38	264	209	169.7	1.23	384	0.0929	0.0021	3.0204	0.0876	0.2345	0.0031	0.4517	1487	43.06	1413	22.14	1358	16.05	9.5
17DC01-1-39	219.2	53.3	357	0.15	162.8	0.1218	0.0017	6.1418	0.1227	0.3654	0.0061	0.8367	1983	24.38	1996	17.50	2007	28.85	-1.2
17DC01-1-40	63.8	35.1	97.8	0.36	0.0000	0.0934	0.0021	3.2575	0.0795	0.2529	0.0036	0.5862	1498	42.59	1471	19.00	1454	18.64	3.1
17DC01-1-42	192	117.1	132.2	0.89	0.0000	0.1000	0.0018	4.1273	0.0810	0.2995	0.0041	0.6928	1624	33.79	1660	16.08	1689	20.22	-3.8
17DC01-1-43	181	75.5	210	0.36	219	0.1121	0.0017	4.9920	0.0983	0.3227	0.0050	0.7926	1835	27.47	1818	16.71	1803	24.58	1.8
17DC01-1-44	242	148.3	86.5	1.71	234	0.1144	0.0023	5.4152	0.1385	0.3430	0.0057	0.6484	1869	36.42	1887	21.95	1901	27.32	-1.7
17DC01-1-45	197	123.3	176.3	0.70	0.0000	0.0984	0.0017	3.6585	0.0725	0.2692	0.0029	0.5450	1594	31.48	1562	15.83	1537	14.79	3.8
17DC01-1-46	209	142.5	212	0.67	158.6	0.0923	0.0016	3.2978	0.0694	0.2588	0.0035	0.6470	1474	31.48	1481	16.43	1484	18.06	-0.7



17DC01-1-47	330	232	175.4	1.32	0.0000	0.0952	0.0015	3.7740	0.0878	0.2873	0.0052	0.7740	1532	30.41	1587	18.70	1628	25.92	-5.9
17DC01-1-48	241	127.2	196.3	0.65	74.0	0.1094	0.0017	4.8918	0.0969	0.3245	0.0051	0.7957	1789	27.62	1801	16.75	1812	24.92	-1.3
17DC01-1-49	283	135.1	287	0.47	0.0000	0.1063	0.0015	4.9127	0.1031	0.3354	0.0062	0.8785	1739	27.01	1804	17.74	1864	29.86	-6.7
17DC01-1-50	153.2	30.2	402	0.08	5.34	0.0990	0.0012	3.9053	0.0763	0.2854	0.0040	0.7093	1606	22.38	1615	15.84	1618	19.86	-0.8
17DC01-1-51	369	397	157.3	2.53	0.0000	0.0769	0.0018	2.1443	0.0667	0.2020	0.0038	0.5971	1118	15.74	1163	21.55	1186	20.13	-5.7
17DC01-1-52	155	109.5	152.2	0.72	0.0000	0.0901	0.0019	3.0725	0.0747	0.2476	0.0034	0.5675	1428	39.66	1426	18.66	1426	17.68	0.1
17DC01-1-53	358	333	184.8	1.80	0.0000	0.0847	0.0016	2.4893	0.0520	0.2134	0.0025	0.5578	1309	37.04	1269	15.16	1247	13.23	5.0
17DC01-1-54	117.2	73.5	83.9	0.88	0.0000	0.0994	0.0021	4.1517	0.1036	0.3031	0.0044	0.5863	1614	38.89	1665	20.46	1707	21.96	-5.4
17DC01-1-56	124.7	77.0	120.8	0.64	347	0.0919	0.0017	3.2663	0.0650	0.2586	0.0034	0.6687	1465	35.18	1473	15.51	1483	17.65	-1.2
17DC01-1-57	329	185.8	160.4	1.16	0.0000	0.1096	0.0018	5.2455	0.1060	0.3484	0.0056	0.7937	1794	35.34	1860	17.28	1927	26.73	-6.9
17DC01-1-58	203	112.6	156.2	0.72	0.0000	0.1050	0.0017	4.6728	0.0945	0.3234	0.0043	0.6620	1715	29.94	1762	16.96	1806	21.12	-5.1
17DC01-1-59	376	267	106.7	2.50	0.0000	0.1024	0.0021	4.4011	0.1066	0.3139	0.0063	0.8329	1669	37.81	1713	20.07	1760	31.08	-5.2
17DC01-1-61	676	283	231	1.22	181	0.1599	0.0021	10.5162	0.1855	0.4780	0.0060	0.7079	2454	21.91	2481	16.44	2518	26.07	-2.6
17DC01-1-63	821	622	343	1.81	143.9	0.0940	0.0012	3.5858	0.0726	0.2775	0.0046	0.8179	1507	24.23	1546	16.10	1579	23.19	-4.5
17DC01-1-64	388	222	333	0.67	493	0.0985	0.0013	4.0354	0.0841	0.2976	0.0048	0.7814	1595	24.07	1641	17.00	1679	24.09	-5.0
17DC01-1-65	372	267	122.7	2.17	66.5	0.1035	0.0016	4.0899	0.0789	0.2870	0.0037	0.6607	1688	27.78	1652	15.79	1627	18.35	3.8
17DC01-1-67	222	149.0	160.1	0.93	160.7	0.0983	0.0019	3.8098	0.0822	0.2818	0.0040	0.6519	1594	30.71	1595	17.39	1600	19.96	-0.4
17DC01-1-68	235	157.0	122.8	1.28	620	0.0995	0.0018	3.9539	0.0853	0.2885	0.0037	0.5901	1615	34.72	1625	17.52	1634	18.40	-1.2
17DC01-1-69	181	105.5	269	0.39	55.5	0.0906	0.0015	3.1930	0.0714	0.2556	0.0036	0.6355	1439	32.87	1455	17.33	1467	18.67	-1.9
17DC01-1-71	183	115.4	86.5	1.33	22.8	0.1102	0.0019	4.9361	0.1188	0.3245	0.0049	0.6304	1802	32.88	1808	20.36	1812	23.99	-0.5
17DC01-1-72	242	233	220	1.06	299	0.0792	0.0014	2.1171	0.0433	0.1940	0.0026	0.6612	1177	35.18	1154	14.12	1143	14.17	3.0
17DC01-1-73	468	305	301	1.02	253	0.1007	0.0013	4.1024	0.0758	0.2960	0.0049	0.8895	1637	24.07	1655	15.12	1672	24.21	-2.1
17DC01-1-74	195	99.8	179.9	0.55	138.0	0.1111	0.0020	5.1156	0.1243	0.3337	0.0053	0.6538	1818	33.33	1839	20.68	1856	25.65	-2.1
17DC01-1-75	122.9	76.5	94.3	0.81	390	0.0999	0.0020	3.9350	0.0836	0.2862	0.0039	0.6392	1622	36.72	1621	17.23	1622	19.49	0.0
17DC01-1-76	44.1	13.98	102.2	0.14	129.3	0.0850	0.0017	2.6418	0.0575	0.2261	0.0034	0.6931	1317	38.89	1312	16.06	1314	17.95	0.2
17DC01-1-77	208	170.0	301	0.56	0.0000	0.0797	0.0015	2.2695	0.0537	0.2062	0.0030	0.6125	1191	35.64	1203	16.70	1209	15.99	-1.5
17DC01-1-78	274	178.9	189.8	0.94	205	0.0974	0.0017	3.9513	0.0961	0.2943	0.0050	0.7039	1576	34.41	1624	19.74	1663	25.11	-5.2
17DC01-1-79	87.3	63.3	62.4	1.02	59.0	0.0925	0.0026	3.3248	0.1078	0.2611	0.0045	0.5353	1480	49.08	1487	25.32	1495	23.17	-1.1
17DC01-1-80	211	143.5	153.6	0.93	252	0.0957	0.0018	3.5660	0.0844	0.2699	0.0043	0.6679	1543	33.80	1542	18.79	1540	21.67	0.1
17DC01-1-81	178	85.1	166.7	0.51	166.0	0.1068	0.0019	5.0571	0.1120	0.3433	0.0052	0.6777	1747	33.34	1829	18.81	1902	24.74	-8.2
17DC01-1-82	119.0	76.6	82.6	0.93	0.0000	0.1018	0.0023	4.0482	0.0922	0.2889	0.0039	0.5935	1658	40.90	1644	18.59	1636	19.56	1.3
17DC01-1-84	338	269	495	0.54	174.3	0.0777	0.0012	2.1916	0.0433	0.2043	0.0028	0.6821	1139	29.63	1178	13.78	1199	14.74	-5.0
17DC01-1-85	381	220	255	0.86	216	0.1065	0.0015	4.7350	0.1028	0.3220	0.0050	0.7189	1740	26.54	1773	18.24	1799	24.52	-3.3
17DC01-1-86	137	83.2	86.0	0.97	0.0000	0.1083	0.0026	4.6576	0.1304	0.3117	0.0046	0.5291	1770	42.75	1760	23.43	1749	22.71	1.2
17DC01-1-87	178	99.0	129.4	0.77	282	0.1089	0.0018	4.6878	0.0996	0.3121	0.0045	0.6821	1781	29.63	1765	17.83	1751	22.25	1.7
17DC01-1-88	265	165.3	196	0.84	60.2	0.1006	0.0015	4.1807	0.1141	0.3008	0.0063	0.7702	1635	27.78	1670	22.40	1695	31.36	-3.5
17DC01-1-89	231	146.0	157.8	0.93	168.1	0.0985	0.0019	3.9966	0.0926	0.2944	0.0045	0.6543	1598	35.65	1634	18.85	1664	22.24	-3.9
17DC01-1-90	147	91.2	108.3	0.84	433	0.0974	0.0019	3.8473	0.0885	0.2868	0.0043	0.6516	1576	38.12	1603	18.56	1626	21.54	-3.1
17DC01-1-91	571	275	574	0.48	0.0000	0.1098	0.0014	5.0674	0.1038	0.3345	0.0057	0.8257	1795	22.84	1831	17.42	1860	27.35	-3.5
17DC01-1-93	239	156.0	172.8	0.90	295	0.0949	0.0018	3.7709	0.0782	0.2886	0.0040	0.6690	1526	36.73	1587	16.68	1635	20.05	-6.7
17DC01-1-94	600	574	531	1.08	0.0000	0.0783	0.0010	2.1738	0.0378	0.2012	0.0030	0.8437	1155	28.70	1173	12.13	1182	15.87	-2.2
17DC01-1-95	204	136.5	137.4	0.99	0.0000	0.1011	0.0019	4.0756	0.1090	0.2909	0.0041	0.5235	1656	35.03	1649	21.84	1646	20.36	0.6

17DC01-1-96	185	87.8	202	0.43	0.0000	0.1113	0.0019	5.0256	0.0937	0.3275	0.0041	0.6645	1821	30.41	1824	15.84	1826	19.73	-0.3
17DC01-1-97	161	46.6	59.9	0.78	0.0000	0.2414	0.0032	21.0593	0.3859	0.6315	0.0088	0.7564	3129	20.52	3141	17.89	3156	34.63	-0.8
17DC01-1-98	82.5	53.5	41.1	1.30	0.0000	0.1042	0.0031	4.4300	0.1392	0.3081	0.0043	0.4426	1702	49.23	1718	26.06	1731	21.14	-1.7
17DC01-1-99	271	167.6	134.1	1.25	559	0.1059	0.0020	4.6366	0.1104	0.3167	0.0045	0.5932	1731	35.34	1756	19.92	1774	21.91	-2.4
Rejected analyses (discordant > 10%, error > 5%)																			
17DC01-1-05	185	136.7	111.0	1.23	129.6	0.1027	0.0025	3.5461	0.1119	0.2499	0.0040	0.5044	1674	46.30	1538	25.01	1438	20.53	16.4
17DC01-1-19	145	145.8	81.9	1.78	201.6	0.0809	0.0022	2.2832	0.0737	0.2045	0.0033	0.4937	1220	53.70	1207	22.81	1200	17.46	1.7
17DC01-1-35	214	151.6	144.0	1.05	107.4	0.0988	0.0018	3.7199	0.0772	0.2730	0.0035	0.6134	2000	33.33	1576	16.65	1556	17.62	28.5
17DC01-1-41	158	150.1	128.2	1.17	115.6	0.0777	0.0021	2.1667	0.0631	0.2020	0.0029	0.4934	1140	52.31	1170	20.24	1186	15.57	-3.9
17DC01-1-55	110.3	98.4	107.1	0.92	0.0000	0.0786	0.0023	2.2470	0.0774	0.2073	0.0034	0.4771	1161	59.26	1196	24.23	1214	18.21	-4.4
17DC01-1-60	126.1	117.4	110.1	1.07	18.2786	0.0737	0.0018	2.1275	0.0664	0.2095	0.0041	0.6275	1035	49.23	1158	21.56	1226	21.87	-15.6
17DC01-1-62	323	330	157.9	2.09	634	0.0760	0.0018	2.1201	0.0578	0.2029	0.0030	0.5476	1095	43.52	1155	18.83	1191	16.25	-8.0
17DC01-1-66	138	133.8	112.9	1.19	45.3	0.0760	0.0020	2.0172	0.0548	0.1937	0.0031	0.5986	1096	51.85	1121	18.45	1142	17.02	-4.0
17DC01-1-70	82.0	54.7	51.1	1.07	0.0000	0.1030	0.0028	4.1063	0.1216	0.2898	0.0043	0.5040	1680	50.62	1656	24.20	1641	21.63	2.4
17DC01-1-83	376	289.5	141.8	2.04	270.9035	0.1089	0.0031	4.1616	0.0933	0.2776	0.0065	1.0472	1783	51.54	1666	18.39	1579	32.90	12.9
17DC01-1-92	70.9	52.6	77.5	0.68	0.0000	0.0874	0.0024	2.8394	0.0928	0.2354	0.0039	0.5074	1369	53.71	1366	24.57	1363	20.39	0.4
Sample17DC02-1 (39°16'41.77"N , 122°36'22.46"E)																			
Detrital zircons																			
17DC02-1-01	51.09	1.51	266	0.01	12.7	0.0797	0.0011	2.2015	0.0455	0.2003	0.0033	0.7983	1189	27.78	1182	14.45	1177	17.75	1.0
17DC02-1-02	113	101.6	117.2	0.87	0.0000	0.0798	0.0015	2.1419	0.0432	0.1950	0.0029	0.7254	1192	37.50	1162	13.99	1149	15.41	3.7
17DC02-1-03	500	410	621	0.66	0.0000	0.0789	0.0010	2.2212	0.0451	0.2041	0.0035	0.8408	1169	25.15	1188	14.24	1197	18.66	-2.4
17DC02-1-04	160	102.0	125.0	0.82	3.81	0.0967	0.0016	3.6148	0.0589	0.2715	0.0034	0.7666	1561	30.09	1553	13.00	1549	17.22	0.8
17DC02-1-05	250	160	190	0.84	2.07	0.0976	0.0012	3.7289	0.0738	0.2769	0.0048	0.8762	1589	17.74	1578	15.89	1576	24.27	0.8
17DC02-1-06	197	149	145.8	1.02	7.05	0.0892	0.0014	2.9348	0.0625	0.2384	0.0038	0.7432	1409	23.92	1391	16.14	1378	19.64	2.2
17DC02-1-07	358	280	247	1.14	0.0000	0.0871	0.0012	2.9111	0.0560	0.2421	0.0036	0.7829	1363	25.93	1385	14.58	1398	18.96	-2.5
17DC02-1-08	158	137.5	185	0.74	0.0000	0.0776	0.0012	2.1302	0.0425	0.1990	0.0031	0.7916	1136	30.40	1159	13.81	1170	16.91	-2.9
17DC02-1-09	279	163	129.6	1.25	0.0000	0.1070	0.0016	4.9117	0.1326	0.3321	0.0072	0.8071	1750	27.63	1804	22.81	1848	35.03	-5.3
17DC02-1-10	285	183	228	0.80	0.0000	0.0923	0.0014	3.5566	0.0754	0.2790	0.0047	0.7962	1476	23.30	1540	16.83	1586	23.74	-7.0
17DC02-1-100	412	182	532	0.34	2.09	0.1070	0.0012	4.6142	0.0974	0.3122	0.0055	0.8348	1750	22.22	1752	17.66	1752	27.05	-0.1
17DC02-1-11	279	163	374	0.43	12.8	0.0902	0.0012	3.2127	0.0663	0.2581	0.0043	0.8095	1429	26.24	1460	16.02	1480	22.12	-3.5
17DC02-1-12	250	174	187	0.93	0.0000	0.0929	0.0013	3.3477	0.0672	0.2610	0.0041	0.7915	1487	27.16	1492	15.73	1495	21.22	-0.5
17DC02-1-14	487	273	251	1.09	0.0000	0.1114	0.0013	5.1921	0.0890	0.3374	0.0045	0.7852	1833	20.68	1851	14.65	1874	21.91	-2.2
17DC02-1-15	137	105.2	119.5	0.88	9.29	0.0859	0.0016	2.7367	0.0638	0.2307	0.0032	0.5977	1336	36.27	1338	17.36	1338	16.85	-0.1
17DC02-1-16	222	115.8	182	0.64	11.94	0.1088	0.0014	4.8970	0.0807	0.3263	0.0044	0.8263	1780	18.36	1802	13.96	1820	21.63	-2.2
17DC02-1-17	183	112.3	91.6	1.23	30.7	0.1053	0.0017	4.5863	0.0974	0.3157	0.0046	0.6912	1720	25.00	1747	17.74	1769	22.72	-2.7
17DC02-1-18	203	130.0	105.9	1.23	1.28	0.1026	0.0016	4.1925	0.0892	0.2963	0.0049	0.7797	1672	29.47	1673	17.47	1673	24.45	-0.1
17DC02-1-19	74.8	68.7	71.5	0.96	11.1	0.0783	0.0016	2.0889	0.0478	0.1934	0.0027	0.6018	1155	38.89	1145	15.73	1140	14.40	1.3
17DC02-1-20	212	135.3	169	0.80	0.0000	0.0970	0.0014	3.7172	0.0780	0.2773	0.0040	0.6856	1569	26.08	1575	16.82	1578	20.14	-0.6
17DC02-1-21	106.3	67.4	103.8	0.65	0.0000	0.0929	0.0016	3.3269	0.0744	0.2597	0.0040	0.6852	1487	32.25	1487	17.48	1488	20.37	-0.1
17DC02-1-22	87.6	59.4	122.6	0.48	8.54	0.0855	0.0017	2.7399	0.0711	0.2325	0.0038	0.6338	1328	38.89	1339	19.33	1348	20.02	-1.5

17DC02-1-23	176	113.9	186	0.61	0.0000	0.0918	0.0013	3.2467	0.0663	0.2564	0.0040	0.7724	1463	32.25	1468	15.89	1471	20.77	-0.6
17DC02-1-24	215	133.0	142.1	0.94	0.0000	0.1004	0.0015	4.0753	0.0811	0.2940	0.0041	0.6937	1631	26.39	1649	16.26	1661	20.24	-1.8
17DC02-1-25	94.7	85.0	76.8	1.11	0.0000	0.0790	0.0019	2.1504	0.0593	0.1975	0.0029	0.5335	1172	48.15	1165	19.11	1162	15.64	0.9
17DC02-1-26	380	170	105.8	1.61	13.0	0.1573	0.0020	9.6126	0.1948	0.4431	0.0081	0.8994	2428	21.29	2398	18.71	2364	36.11	2.7
17DC02-1-27	144	89.9	100.4	0.90	0.84	0.1001	0.0016	3.8969	0.0730	0.2821	0.0035	0.6546	1628	29.63	1613	15.18	1602	17.41	1.6
17DC02-1-28	271	120.8	338	0.36	10.84	0.1059	0.0011	4.5918	0.0838	0.3139	0.0049	0.8513	1731	13.89	1748	15.27	1760	23.95	-1.6
17DC02-1-29	97	54.7	38.5	1.42	0.0000	0.1199	0.0026	5.6684	0.1318	0.3431	0.0049	0.6098	1955	38.89	1927	20.11	1901	23.36	2.8
17DC02-1-30	93.6	63.4	70.1	0.91	2.69	0.0946	0.0017	3.5343	0.0860	0.2704	0.0046	0.6945	1521	33.18	1535	19.29	1543	23.21	-1.4
17DC02-1-31	274	210	403	0.52	0.0000	0.0798	0.0009	2.2256	0.0457	0.2019	0.0037	0.8985	1194	23.30	1189	14.40	1186	19.98	0.7
17DC02-1-32	296	266	246	1.08	0.0000	0.0799	0.0012	2.2374	0.0439	0.2030	0.0032	0.7920	1195	30.40	1193	13.79	1191	16.91	0.4
17DC02-1-33	208	128.0	192	0.67	0.0000	0.0953	0.0013	3.6248	0.0705	0.2752	0.0042	0.7760	1544	25.77	1555	15.51	1567	21.01	-1.4
17DC02-1-34	138	64.3	127.6	0.50	8.93	0.1135	0.0014	5.2334	0.0946	0.3341	0.0050	0.8220	1857	23.30	1858	15.46	1858	24.00	0.0
17DC02-1-35	142	67.0	100.2	0.67	0.0000	0.1205	0.0014	6.0020	0.1040	0.3607	0.0053	0.8480	1965	20.99	1976	15.15	1986	25.14	-1.0
17DC02-1-36	168	130.6	112.6	1.16	1.58	0.0889	0.0015	2.9845	0.0625	0.2431	0.0034	0.6628	1403	31.48	1404	15.97	1403	17.52	0.0
17DC02-1-37	65.9	38.0	100.9	0.38	5.41	0.0911	0.0016	3.1350	0.0685	0.2497	0.0041	0.7566	1450	33.34	1441	16.85	1437	21.31	0.9
17DC02-1-38	149	98.9	132.3	0.75	27.0	0.0940	0.0014	3.4887	0.0728	0.2692	0.0048	0.8612	1509	28.40	1525	16.49	1537	24.57	-1.8
17DC02-1-39	136	101.1	126.8	0.80	9.38	0.0878	0.0015	2.8703	0.0598	0.2369	0.0035	0.7096	1389	31.95	1374	15.70	1370	18.25	1.4
17DC02-1-40	171	140.1	202	0.69	2.40	0.0806	0.0011	2.3132	0.0471	0.2078	0.0032	0.7554	1213	27.78	1216	14.47	1217	17.08	-0.3
17DC02-1-41	215	118.3	314	0.38	27.2	0.0922	0.0012	3.2524	0.0625	0.2552	0.0035	0.7179	1472	24.07	1470	14.96	1465	18.10	0.5
17DC02-1-42	311	187	146.4	1.28	0.0000	0.1104	0.0013	4.9535	0.0907	0.3248	0.0049	0.8220	1806	20.52	1811	15.52	1813	23.81	-0.4
17DC02-1-43	241	116.8	269	0.43	9.26	0.1060	0.0012	4.6250	0.0696	0.3164	0.0041	0.8648	1732	21.76	1754	12.62	1772	20.18	-2.3
17DC02-1-44	144	115.2	137.2	0.84	20.1	0.0819	0.0016	2.4224	0.0522	0.2147	0.0030	0.6392	1243	37.81	1249	15.52	1254	15.72	-0.9
17DC02-1-45	165	96.4	173	0.56	0.0000	0.0948	0.0013	3.6020	0.0674	0.2758	0.0048	0.9257	1524	25.77	1550	14.92	1570	24.17	-2.9
17DC02-1-46	654	669	352	1.90	0.0000	0.0755	0.0011	1.9673	0.0334	0.1890	0.0024	0.7374	1083	28.55	1104	11.44	1116	12.83	-2.9
17DC02-1-47	244	188	126.3	1.49	0.0000	0.0907	0.0014	3.2509	0.0721	0.2593	0.0039	0.6709	1443	29.63	1469	17.26	1486	19.78	-2.9
17DC02-1-48	188	111.3	297	0.37	0.0000	0.0872	0.0013	2.8964	0.0525	0.2409	0.0035	0.7930	1366	27.78	1381	13.71	1391	18.00	-1.8
17DC02-1-49	182	116.0	125.3	0.93	1.8048	0.1014	0.0017	4.1106	0.0955	0.2934	0.0044	0.6460	1650	30.09	1656	19.00	1658	21.95	-0.5
17DC02-1-50	126	70.8	85.2	0.83	0.0000	0.1073	0.0018	4.7485	0.1004	0.3209	0.0049	0.7219	1755	30.41	1776	17.77	1794	23.92	-2.2
17DC02-1-51	325	183	234	0.78	3.71	0.1017	0.0014	4.4791	0.0837	0.3193	0.0048	0.7981	1655	25.16	1727	15.56	1786	23.30	-7.4
17DC02-1-52	222	140.9	149.2	0.94	0.0000	0.0978	0.0014	3.9682	0.0757	0.2938	0.0042	0.7458	1583	21.30	1628	15.51	1661	20.85	-4.7
17DC02-1-53	235	214	195	1.10	0.0000	0.0789	0.0014	2.3206	0.0576	0.2137	0.0045	0.8531	1169	29.16	1219	17.62	1249	24.03	-6.4
17DC02-1-54	263	148.0	117.7	1.26	0.0000	0.1133	0.0018	5.4913	0.1086	0.3515	0.0054	0.7707	1854	23.61	1899	17.04	1942	25.58	-4.5
17DC02-1-55	400	277	318	0.87	8.52	0.0929	0.0011	3.3698	0.0545	0.2630	0.0040	0.9370	1487	22.22	1497	12.70	1505	20.34	-1.2
17DC02-1-56	350	272	410	0.66	15.0	0.0810	0.0010	2.4390	0.0448	0.2180	0.0033	0.8327	1221	22.99	1254	13.25	1271	17.65	-3.9
17DC02-1-57	1058	384	227	1.69	0.0000	0.1982	0.0020	15.8746	0.2789	0.5795	0.0088	0.8671	2813	16.05	2869	16.90	2947	36.07	-4.5
17DC02-1-58	163	96.8	117.9	0.82	20.0	0.1037	0.0015	4.3933	0.0781	0.3070	0.0045	0.8221	1692	27.78	1711	14.75	1726	22.15	-2.0
17DC02-1-59	174	74.8	231	0.32	9.79	0.1042	0.0015	4.5450	0.0859	0.3161	0.0052	0.8650	1700	25.93	1739	15.78	1770	25.34	-4.0
17DC02-1-60	99.2	73.4	111.6	0.66	0.0000	0.0849	0.0016	2.6757	0.0566	0.2285	0.0034	0.7095	1313	36.57	1322	15.66	1327	18.01	-1.0
17DC02-1-61	294	177	234	0.76	11.35	0.0997	0.0014	4.0589	0.0867	0.2946	0.0054	0.8655	1620	24.84	1646	17.43	1664	27.13	-2.6
17DC02-1-62	206	84.8	185	0.46	0.0000	0.1243	0.0015	6.3695	0.1220	0.3709	0.0063	0.8842	2020	21.14	2028	16.86	2034	29.55	-0.7
17DC02-1-63	989	707	506	1.40	13.91	0.0947	0.0011	3.5944	0.0671	0.2746	0.0041	0.8083	1521	22.53	1548	14.87	1564	20.97	-2.7
17DC02-1-64	167	84.3	137.0	0.61	4.83	0.1167	0.0015	5.3797	0.1017	0.3337	0.0054	0.8631	1906	22.22	1882	16.24	1856	26.34	2.7

17DC02-1-65	299	95.5	282	0.34	0.0000	0.1421	0.0015	7.9101	0.1779	0.4025	0.0083	0.9116	2254	18.67	2221	20.33	2180	37.95	3.4
17DC02-1-66	790	621	276	2.25	0.0000	0.0935	0.0012	3.5057	0.0762	0.2714	0.0049	0.8249	1498	24.84	1529	17.20	1548	24.68	-3.2
17DC02-1-67	139	61.6	107.9	0.57	0.0000	0.1253	0.0016	6.3602	0.1237	0.3674	0.0059	0.8267	2032	22.22	2027	17.11	2017	27.86	0.8
17DC02-1-68	188	179	151.1	1.18	18.0	0.0781	0.0015	2.1351	0.0565	0.1975	0.0035	0.6611	1150	32.41	1160	18.32	1162	18.62	-1.0
17DC02-1-69	167	111.5	91.4	1.22	0.0000	0.1017	0.0015	4.0778	0.0897	0.2905	0.0057	0.8942	1657	27.32	1650	17.98	1644	28.57	0.8
17DC02-1-70	123.5	59.2	138.0	0.43	0.0000	0.1063	0.0015	4.6369	0.0985	0.3156	0.0054	0.8031	1739	27.31	1756	17.79	1768	26.40	-1.7
17DC02-1-71	202	76.5	100.5	0.76	0.00	0.1611	0.0022	10.4237	0.1987	0.4691	0.0082	0.9227	2478	23.15	2473	17.74	2480	36.22	-0.1
17DC02-1-72	627	378	566	0.67	7.34	0.0964	0.0011	3.8051	0.0758	0.2859	0.0053	0.9295	1555	15.74	1594	16.05	1621	26.54	-4.1
17DC02-1-73	271	227	305	0.74	7.86	0.0795	0.0011	2.2868	0.0445	0.2080	0.0031	0.7588	1187	27.31	1208	13.78	1218	16.41	-2.5
17DC02-1-74	97.4	70.0	86.2	0.81	21.2	0.0882	0.0015	3.0214	0.0667	0.2483	0.0042	0.7725	1387	33.34	1413	16.87	1430	21.88	-3.0
17DC02-1-75	226	146.0	223	0.65	0.0000	0.0900	0.0012	3.1845	0.0588	0.2563	0.0039	0.8251	1426	25.93	1453	14.31	1471	20.07	-3.1
17DC02-1-76	91.4	65.5	58.4	1.12	0.0000	0.0956	0.0018	3.4917	0.0794	0.2648	0.0044	0.7328	1540	35.19	1525	17.98	1514	22.50	1.7
17DC02-1-77	202	132.4	105.7	1.25	21.7	0.1026	0.0015	4.1245	0.0803	0.2914	0.0049	0.8560	1672	27.17	1659	15.96	1649	24.27	1.4
17DC02-1-78	484	295	71.4	4.13	16.7	0.1258	0.0018	6.3151	0.1307	0.3636	0.0063	0.8338	2040	25.31	2021	18.19	1999	29.68	2.0
17DC02-1-79	112	76.6	68.8	1.11	3.45	0.0974	0.0021	3.7448	0.1001	0.2781	0.0044	0.5966	1576	34.72	1581	21.44	1582	22.38	-0.4
17DC02-1-80	95.5	92.7	88.5	1.05	0.0000	0.0786	0.0019	2.0749	0.0645	0.1910	0.0039	0.6484	1163	43.98	1141	21.32	1127	20.85	3.2
17DC02-1-81	277	259	327	0.79	3.09	0.0748	0.0010	1.9043	0.0406	0.1845	0.0032	0.8177	1061	32.41	1083	14.20	1092	17.50	-2.8
17DC02-1-82	231	106.6	101.5	1.05	0.0000	0.1344	0.0018	7.5666	0.1368	0.4078	0.0056	0.7652	2157	23.77	2181	16.28	2205	25.86	-2.2
17DC02-1-83	180	116.5	120.5	0.97	14.1	0.0991	0.0015	3.8980	0.0813	0.2850	0.0044	0.7350	1607	23.15	1613	16.88	1616	21.92	-0.6
17DC02-1-84	528	284	241	1.18	19.0	0.1206	0.0014	5.8977	0.1290	0.3542	0.0067	0.8643	1966	20.37	1961	19.04	1955	31.90	0.6
17DC02-1-85	297	272	273	0.99	7.77	0.0810	0.0011	2.2355	0.0457	0.2001	0.0033	0.8107	1233	27.78	1192	14.36	1176	17.81	4.9
17DC02-1-86	249	170	164	1.04	8.06	0.0984	0.0015	3.7064	0.0788	0.2735	0.0049	0.8364	1594	27.78	1573	17.02	1559	24.62	2.3
17DC02-1-87	534	234	125.1	1.87	3.45	0.1752	0.0021	11.3610	0.2327	0.4698	0.0071	0.7401	2609	20.37	2553	19.19	2483	31.26	5.1
17DC02-1-88	145	76.2	87.6	0.87	5.15	0.1101	0.0017	5.1802	0.1068	0.3413	0.0052	0.7341	1811	27.47	1849	17.59	1893	24.85	-4.3
17DC02-1-89	148	94.3	300	0.31	10.65	0.0817	0.0012	2.3476	0.0486	0.2085	0.0031	0.7195	1239	28.24	1227	14.75	1221	16.56	1.5
17DC02-1-90	134	94.9	94.7	1.00	0.0000	0.0950	0.0016	3.7087	0.0989	0.2834	0.0059	0.7805	1528	33.18	1573	21.35	1609	29.64	-5.0
17DC02-1-91	142	72.0	140.1	0.51	0.0000	0.1102	0.0016	4.7842	0.1076	0.3152	0.0054	0.7623	1802	26.39	1782	18.92	1766	26.50	2.0
17DC02-1-92	50.68	1.00	249	0.00	3.37	0.0805	0.0011	2.2635	0.0407	0.2044	0.0029	0.7833	1209	27.00	1201	12.70	1199	15.43	0.9
17DC02-1-93	75.74	2.94	369	0.01	0.0000	0.0794	0.0010	2.2203	0.0438	0.2029	0.0033	0.8213	1183	25.46	1187	13.85	1191	17.64	-0.6
17DC02-1-94	63.0	37.3	62.7	0.59	0.0000	0.0998	0.0021	3.8443	0.0983	0.2797	0.0046	0.6369	1621	38.89	1602	20.63	1590	22.96	1.9
17DC02-1-95	616	411	384	1.07	0.0000	0.0998	0.0012	4.0322	0.0771	0.2933	0.0051	0.9037	1621	22.22	1641	15.60	1658	25.28	-2.2
17DC02-1-96	126	77.0	72.5	1.06	0.0000	0.1126	0.0019	4.8013	0.1051	0.3092	0.0047	0.6875	1842	29.79	1785	18.44	1737	22.94	6.1
17DC02-1-97	624	370	477	0.78	0.0000	0.1088	0.0012	4.6467	0.1033	0.3099	0.0066	0.9510	1780	19.29	1758	18.61	1740	32.25	2.3
17DC02-1-99	317	226	176	1.28	0.0000	0.0992	0.0015	3.7365	0.0783	0.2731	0.0042	0.7416	1609	28.39	1579	16.81	1557	21.50	3.4
Rejected analyses (discordant > 10%, error > 5%)																			
17DC02-1-13	266	160	188	0.85	0.0000	0.0987	0.0013	4.1126	0.0785	0.3017	0.0044	0.7692	2000	24.53	1657	15.63	1700	21.96	17.7
17DC02-1-98	147	102.6	312	0.33	0.0000	0.0802	0.0011	2.1470	0.0411	0.1943	0.0029	0.7927	1267	28.55	1164	13.29	1145	15.93	10.6
Sample17DC03-1 (39°17'09.92"N , 122°37'53.19"E)																			
Detrital zircons																			
17DC03-1-01	153	24.7	251	0.10	26.9	0.1111	0.0020	5.1644	0.1133	0.3362	0.0049	0.6580	1818	32.56	1847	18.70	1868	23.42	-2.7
17DC03-1-02	170	109.4	137.9	0.79	114.3	0.0965	0.0020	3.7481	0.0871	0.2811	0.0039	0.5997	1558	38.89	1582	18.66	1597	19.73	-2.5

17DC03-1-04	426	288	289	1.00	12.39	0.0995	0.0014	4.0535	0.0817	0.2943	0.0043	0.7192	1617	27.01	1645	16.46	1663	21.27	-2.8
17DC03-1-05	164	162.3	149.5	1.09	64.4	0.0777	0.0019	2.2420	0.0657	0.2088	0.0037	0.5987	1139	43.98	1194	20.59	1222	19.54	-6.8
17DC03-1-06	377	279	157.7	1.77	0.0000	0.1066	0.0017	4.5815	0.1061	0.3108	0.0054	0.7558	1743	25.00	1746	19.35	1745	26.79	-0.1
17DC03-1-07	331	213	237	0.90	150.7	0.1010	0.0015	4.2639	0.0919	0.3050	0.0049	0.7448	1644	27.78	1686	17.76	1716	24.20	-4.2
17DC03-1-08	87.1	87.5	49.4	1.77	0.0000	0.0778	0.0028	2.2360	0.0801	0.2091	0.0040	0.5395	1143	39.81	1192	25.13	1224	21.54	-6.6
17DC03-1-09	231	167.2	139.4	1.20	103.0	0.0969	0.0020	3.7949	0.0886	0.2837	0.0042	0.6295	1565	39.50	1592	18.79	1610	20.95	-2.8
17DC03-1-10	254	263	169.8	1.55	0.0000	0.0765	0.0015	2.1383	0.0525	0.2018	0.0027	0.5493	1107	6.48	1161	17.00	1185	14.60	-6.6
17DC03-1-11	102.0	62.6	96.2	0.65	0.0000	0.0947	0.0021	3.6892	0.0915	0.2823	0.0044	0.6274	1521	41.20	1569	19.83	1603	22.09	-5.1
17DC03-1-12	108.2	68.4	87.1	0.79	0.0000	0.0968	0.0022	3.8882	0.1069	0.2913	0.0054	0.6683	1563	43.67	1611	22.23	1648	26.72	-5.2
17DC03-1-13	175	121.9	116.7	1.04	0.0000	0.0940	0.0019	3.6845	0.0839	0.2837	0.0039	0.5986	1509	38.12	1568	18.22	1610	19.45	-6.3
17DC03-1-14	141	94.6	79.7	1.19	46.6	0.1009	0.0026	4.1257	0.1147	0.2957	0.0038	0.4679	1643	46.76	1659	22.75	1670	19.16	-1.6
17DC03-1-15	261	258	215	1.20	172.9	0.0770	0.0013	2.1397	0.0476	0.2010	0.0030	0.6600	1122	34.11	1162	15.42	1181	15.86	-5.0
17DC03-1-16	397	206	345	0.60	0.0000	0.1076	0.0013	5.0336	0.0834	0.3391	0.0050	0.8929	1761	23.31	1825	14.09	1882	24.17	-6.4
17DC03-1-17	218	213	149.4	1.43	0.00	0.0786	0.0018	2.2732	0.0586	0.2094	0.0028	0.5175	1163	44.44	1204	18.19	1226	14.90	-5.1
17DC03-1-18	197	158.4	92.7	1.71	0.0000	0.0905	0.0021	3.2870	0.0868	0.2633	0.0039	0.5605	1436	44.60	1478	20.58	1507	19.90	-4.7
17DC03-1-19	241	174.4	169.0	1.03	47.3	0.0934	0.0022	3.5378	0.0894	0.2751	0.0038	0.5448	1495	44.60	1536	20.03	1567	19.16	-4.5
17DC03-1-20	105.9	94.4	112.0	0.84	0.0000	0.0833	0.0023	2.4178	0.0781	0.2098	0.0033	0.4815	1277	48.00	1248	23.22	1228	17.40	4.1
17DC03-1-22	148	109.2	126.5	0.86	0.0000	0.0930	0.0021	3.3842	0.0975	0.2634	0.0043	0.5710	1487	36.27	1501	22.60	1507	22.12	-1.4
17DC03-1-24	228	118.4	202	0.59	42.3	0.1088	0.0016	5.0196	0.1102	0.3342	0.0051	0.6909	1780	26.70	1823	18.63	1858	24.51	-4.2
17DC03-1-25	748	600	452	1.33	0.0000	0.0928	0.0013	3.3254	0.0700	0.2596	0.0042	0.7622	1484	25.93	1487	16.47	1488	21.34	-0.2
17DC03-1-26	456	292	362	0.81	0.0000	0.0977	0.0012	3.9253	0.0744	0.2915	0.0045	0.8122	1580	17.74	1619	15.38	1649	22.42	-4.2
17DC03-1-27	268	164.9	173.4	0.95	0.0000	0.1027	0.0016	4.5025	0.0818	0.3185	0.0044	0.7529	1673	29.01	1731	15.14	1783	21.32	-6.1
17DC03-1-28	266	269	165.0	1.63	112.3	0.0808	0.0016	2.2986	0.0525	0.2067	0.0032	0.6741	1218	34.26	1212	16.17	1211	17.01	0.5
17DC03-1-29	338	164.0	361	0.45	30.7	0.1095	0.0014	4.9737	0.0946	0.3295	0.0051	0.8214	1792	22.53	1815	16.13	1836	24.98	-2.4
17DC03-1-30	886	436	856	0.51	60.3	0.1091	0.0012	5.0108	0.0880	0.3333	0.0049	0.8432	1784	20.37	1821	14.91	1854	23.87	-3.8
17DC03-1-31	325	179.8	248	0.73	59.3	0.1072	0.0017	4.9908	0.1055	0.3385	0.0059	0.8184	1752	27.93	1818	17.92	1879	28.21	-6.8
17DC03-1-33	239	236	179.3	1.32	0.0000	0.0770	0.0015	2.1216	0.0469	0.2007	0.0033	0.7436	1120	40.74	1156	15.29	1179	17.73	-5.0
17DC03-1-34	323	239	133.9	1.79	88.4	0.0952	0.0018	3.7776	0.0862	0.2882	0.0041	0.6239	1531	37.04	1588	18.36	1632	20.55	-6.2
17DC03-1-35	189	106.4	161.1	0.66	0.0000	0.1039	0.0017	4.6029	0.1005	0.3221	0.0055	0.7793	1695	30.40	1750	18.24	1800	26.73	-5.8
17DC03-1-36	303	201	181.0	1.11	80.5	0.0988	0.0014	3.9372	0.0697	0.2893	0.0039	0.7606	1602	25.77	1621	14.38	1638	19.50	-2.2
17DC03-1-37	187	142.7	125.3	1.14	40.8	0.0905	0.0018	3.2599	0.0782	0.2618	0.0043	0.6800	1436	37.50	1472	18.66	1499	21.83	-4.2
17DC03-1-38	224	154.1	207	0.74	0.0000	0.0929	0.0015	3.3515	0.0757	0.2615	0.0042	0.7066	1487	29.63	1493	17.70	1497	21.35	-0.7
17DC03-1-39	165	165.2	110.8	1.49	90.3	0.0794	0.0018	2.2738	0.0540	0.2081	0.0028	0.5763	1183	44.44	1204	16.77	1219	15.21	-2.9
17DC03-1-41	272	175.4	197	0.89	0.0000	0.0976	0.0015	3.9888	0.0903	0.2973	0.0061	0.9131	1589	29.63	1632	18.40	1678	30.54	-5.3
17DC03-1-42	127	87.9	91.6	0.96	0.0000	0.0967	0.0019	3.6754	0.0786	0.2768	0.0043	0.7204	1561	37.19	1566	17.10	1575	21.55	-0.9
17DC03-1-43	144.7	66.5	207	0.32	0.0000	0.1031	0.0015	4.2805	0.0879	0.3021	0.0054	0.8688	1681	27.78	1690	16.95	1702	26.71	-1.2
17DC03-1-44	179	176.8	138.2	1.28	0.0000	0.0777	0.0018	2.1410	0.0586	0.2002	0.0032	0.5765	1139	41.67	1162	18.95	1176	16.97	-3.2
17DC03-1-45	384	303	202	1.50	0.0000	0.0983	0.0015	3.7913	0.0836	0.2796	0.0044	0.7129	1594	28.24	1591	17.75	1589	22.16	0.3
17DC03-1-47	358	268	206	1.30	0.0000	0.0928	0.0016	3.2944	0.0677	0.2578	0.0036	0.6820	1484	31.48	1480	16.05	1479	18.55	0.4
17DC03-1-48	315	149.3	295	0.51	110.5	0.1151	0.0015	5.4148	0.1011	0.3410	0.0043	0.6692	1883	24.07	1887	16.05	1892	20.50	-0.4
17DC03-1-49	211	106.7	205	0.52	44.0	0.1072	0.0017	4.8263	0.1019	0.3270	0.0053	0.7690	1754	28.55	1789	17.80	1824	25.81	-3.9
17DC03-1-50	190	127.4	150.4	0.85	108.9	0.0997	0.0019	3.8382	0.0874	0.2799	0.0044	0.6851	1618	35.18	1601	18.36	1591	22.00	1.7

17DC03-1-51	419	243	318	0.76	48.7	0.1048	0.0017	4.4985	0.1014	0.3118	0.0053	0.7509	1710	29.63	1731	18.77	1750	25.97	-2.3
17DC03-1-52	344	195	272	0.71	0.0000	0.1073	0.0014	4.6781	0.0908	0.3166	0.0050	0.8059	1754	23.00	1763	16.28	1773	24.27	-1.1
17DC03-1-53	222	151.4	113.8	1.33	0.0000	0.0996	0.0019	3.9764	0.0911	0.2901	0.0041	0.6206	1617	34.88	1629	18.63	1642	20.64	-1.5
17DC03-1-54	347	234	236	0.99	0.0000	0.0962	0.0014	3.8492	0.0857	0.2903	0.0048	0.7504	1554	27.78	1603	17.97	1643	24.23	-5.4
17DC03-1-55	332	240	199	1.20	0.0000	0.0976	0.0018	3.7195	0.0800	0.2772	0.0040	0.6662	1589	34.72	1576	17.25	1577	20.07	0.7
17DC03-1-56	335	156.7	406	0.39	0.0000	0.1078	0.0015	4.8609	0.1140	0.3276	0.0063	0.8188	1765	24.85	1796	19.78	1827	30.54	-3.4
17DC03-1-57	297	222	152.1	1.46	64.9	0.0985	0.0017	3.7405	0.0767	0.2767	0.0046	0.8021	1598	31.94	1580	16.47	1575	23.01	1.5
17DC03-1-58	248	147.7	215	0.69	48.6	0.0988	0.0016	4.0662	0.0741	0.2997	0.0042	0.7771	1602	29.78	1648	14.90	1690	21.08	-5.2
17DC03-1-59	234	125.6	198	0.63	0.0000	0.1072	0.0013	4.7654	0.0919	0.3229	0.0049	0.7913	1754	22.22	1779	16.22	1804	24.02	-2.8
17DC03-1-60	428	250	280	0.89	0.0000	0.1060	0.0016	4.7769	0.1061	0.3274	0.0054	0.7480	1731	26.39	1781	18.69	1826	26.44	-5.2
17DC03-1-61	614	457	378	1.21	8.62	0.0918	0.0013	3.4119	0.0792	0.2696	0.0046	0.7303	1463	25.93	1507	18.27	1539	23.23	-5.0
17DC03-1-62	339	343	230	1.49	0.0000	0.0773	0.0014	2.1194	0.0440	0.1998	0.0032	0.7626	1129	35.19	1155	14.34	1174	17.00	-3.8
17DC03-1-63	349	185	216	0.86	88.1	0.1129	0.0014	5.5775	0.1202	0.3585	0.0059	0.7649	1847	18.06	1913	18.61	1975	28.07	-6.5
17DC03-1-64	151	123.4	169.6	0.73	113.7	0.0800	0.0016	2.3408	0.0611	0.2124	0.0035	0.6322	1198	34.25	1225	18.58	1242	18.64	-3.5
17DC03-1-65	177	99.7	163.2	0.61	81.6	0.1023	0.0015	4.3017	0.0890	0.3055	0.0048	0.7572	1666	27.78	1694	17.08	1719	23.65	-3.0
17DC03-1-66	105.7	96.5	97.0	1.00	0.0000	0.0785	0.0016	2.1798	0.0558	0.2018	0.0036	0.7055	1161	39.35	1175	17.82	1185	19.55	-2.0
17DC03-1-67	384	255	291	0.87	0.0000	0.0966	0.0012	3.7752	0.0857	0.2836	0.0054	0.8380	1561	23.92	1587	18.25	1609	27.11	-3.0
17DC03-1-68	197	126.6	103.3	1.23	0.0000	0.1020	0.0017	4.2003	0.0913	0.2989	0.0043	0.6691	1661	31.48	1674	17.87	1686	21.60	-1.5
17DC03-1-69	268	165.0	186	0.88	0.0000	0.1057	0.0016	4.4520	0.0937	0.3060	0.0053	0.8171	1728	27.62	1722	17.50	1721	26.01	0.4
17DC03-1-70	880	737	405	1.82	0.0000	0.0850	0.0012	2.9464	0.0783	0.2513	0.0057	0.8558	1317	28.08	1394	20.18	1445	29.47	-8.9
17DC03-1-71	155	93.5	160.6	0.58	35.3	0.0923	0.0017	3.4896	0.0723	0.2743	0.0034	0.6060	1476	34.72	1525	16.38	1562	17.44	-5.5
17DC03-1-73	262	173.7	147.6	1.18	47.0	0.0982	0.0016	4.0011	0.0836	0.2955	0.0040	0.6429	1591	29.63	1634	17.01	1669	19.77	-4.7
17DC03-1-74	274	188	213	0.88	0.0000	0.0892	0.0015	3.3507	0.0626	0.2734	0.0039	0.7708	1409	31.64	1493	14.64	1558	19.94	-9.5
17DC03-1-75	111.8	72.1	102.7	0.70	48.7	0.0926	0.0018	3.4064	0.0759	0.2670	0.0036	0.6068	1480	36.57	1506	17.52	1526	18.39	-3.0
17DC03-1-76	214	169.3	134.0	1.26	0.0000	0.0868	0.0014	3.0433	0.0648	0.2545	0.0038	0.6923	1367	32.25	1419	16.31	1461	19.30	-6.5
17DC03-1-77	165	112.3	100.1	1.12	0.0000	0.0996	0.0020	3.9957	0.0879	0.2926	0.0051	0.7844	1617	32.41	1633	17.91	1654	25.21	-2.3
17DC03-1-78	194	132.7	94.7	1.40	64.1	0.0981	0.0019	3.8933	0.0863	0.2885	0.0041	0.6400	1591	35.64	1612	17.94	1634	20.49	-2.6
17DC03-1-79	201	80.8	258	0.31	124.0	0.1088	0.0017	5.1622	0.1024	0.3448	0.0049	0.7179	1789	29.63	1846	16.92	1910	23.56	-6.3
17DC03-1-80	348	216	233	0.92	0.0000	0.1000	0.0014	4.2651	0.0849	0.3093	0.0042	0.6796	1625	26.39	1687	16.41	1737	20.62	-6.5
17DC03-1-81	297	177.1	205	0.87	0.0000	0.1068	0.0015	4.8043	0.1211	0.3266	0.0068	0.8283	1746	24.85	1786	21.21	1822	33.14	-4.2
17DC03-1-82	113.7	68.1	95.6	0.71	8.5477	0.1037	0.0019	4.3066	0.0943	0.3016	0.0042	0.6309	1691	33.18	1695	18.07	1699	20.65	-0.5
17DC03-1-84	299	174.0	246	0.71	42.2	0.1079	0.0016	4.8234	0.1106	0.3251	0.0067	0.9037	1765	26.08	1789	19.32	1814	32.79	-2.7
17DC03-1-85	237	99.7	232	0.43	0.0000	0.1211	0.0015	6.1900	0.1234	0.3712	0.0063	0.8572	1972	22.06	2003	17.48	2035	29.84	-3.1
17DC03-1-86	363	309	153.3	2.02	20.83	0.0920	0.0020	3.2377	0.0837	0.2553	0.0034	0.5126	1533	42.44	1466	20.07	1466	17.39	4.6
17DC03-1-87	208	126.7	147.1	0.86	0.0000	0.1050	0.0018	4.4710	0.1040	0.3085	0.0044	0.6194	1715	31.48	1726	19.34	1733	21.93	-1.1
17DC03-1-88	124	80.1	80.0	1.00	0.0000	0.0996	0.0018	4.2263	0.0907	0.3085	0.0047	0.7163	1617	33.33	1679	17.65	1733	23.38	-6.7
17DC03-1-89	133	93.0	82.9	1.12	0.0000	0.0993	0.0020	3.8537	0.0843	0.2822	0.0039	0.6260	1611	38.89	1604	17.68	1602	19.46	0.5
17DC03-1-90	224	121.5	178.4	0.68	154.3	0.1081	0.0015	4.8119	0.0998	0.3232	0.0059	0.8812	1769	24.69	1787	17.48	1806	28.80	-2.1
17DC03-1-91	115.9	76.4	94.2	0.81	37.4	0.0999	0.0024	3.8454	0.1086	0.2792	0.0045	0.5748	1633	38.42	1602	22.79	1587	22.86	2.9
17DC03-1-92	164	104.5	97.1	1.08	152.9	0.1059	0.0023	4.5928	0.1308	0.3133	0.0043	0.4771	1731	34.41	1748	23.77	1757	20.92	-1.5
17DC03-1-93	336	216	349	0.62	0.0000	0.0997	0.0013	3.7762	0.0758	0.2747	0.0044	0.7911	1618	24.07	1588	16.15	1565	22.08	3.4
17DC03-1-94	284	203	284	0.71	107.0	0.0912	0.0014	3.2183	0.0615	0.2565	0.0044	0.8899	1451	23.15	1462	14.84	1472	22.40	-1.4

17DC03-1-95	237	115.4	247	0.47	28.1	0.1085	0.0013	4.8228	0.0877	0.3222	0.0048	0.8170	1776	21.15	1789	15.34	1800	23.36	-1.4
17DC03-1-96	256	177.9	196	0.91	0.0000	0.0971	0.0014	3.6168	0.0655	0.2703	0.0036	0.7263	1569	27.78	1553	14.45	1542	18.07	1.7
17DC03-1-97	232	156.0	192	0.81	230	0.0985	0.0016	3.7056	0.0742	0.2735	0.0045	0.8129	1595	30.40	1573	16.04	1559	22.54	2.4
17DC03-1-98	144	113.9	100.0	1.14	0.0000	0.0927	0.0017	3.2260	0.0685	0.2527	0.0035	0.6475	1481	30.55	1463	16.50	1452	17.91	1.9
17DC03-1-99	235	130.4	192	0.68	0.0000	0.1069	0.0015	4.7953	0.0827	0.3254	0.0042	0.7487	1747	25.31	1784	14.54	1816	20.46	-3.8
17DC03-1-100	162	130.9	81.4	1.61	21.8	0.0976	0.0023	3.6023	0.0922	0.2679	0.0038	0.5498	1589	44.44	1550	20.37	1530	19.18	3.8
Rejected analyses (discordant > 10%, error > 5%)																			
17DC03-1-03	73.2	57.8	73.2	0.79	0.0000	0.0897	0.0024	2.8602	0.0900	0.2300	0.0033	0.4602	1420	50.77	1371	23.68	1334	17.47	6.4
17DC03-1-21	346	181.0	371	0.49	0.0000	0.1007	0.0017	4.7910	0.1509	0.3447	0.0090	0.8250	1639	35.65	1783	26.49	1909	42.95	-14.2
17DC03-1-23	98.6	105.8	81.4	1.30	0.0000	0.0743	0.0027	1.9613	0.0694	0.1924	0.0024	0.3547	1050	75.15	1102	23.80	1134	13.06	-7.4
17DC03-1-32	151	141.2	142.6	0.99	48.6	0.0808	0.0020	2.3230	0.0642	0.2090	0.0030	0.5266	1217	49.53	1219	19.64	1223	16.24	-0.6
17DC03-1-40	202	148.9	50.2	2.97	164.6	0.1003	0.0030	4.2486	0.1471	0.3073	0.0051	0.4746	1629	55.56	1683	28.48	1727	24.92	-5.7
17DC03-1-46	75.6	60.6	44.9	1.35	0.0000	0.0878	0.0029	3.1204	0.1006	0.2600	0.0043	0.5126	1389	60.19	1438	24.80	1490	22.00	-6.8
17DC03-1-72	325	195	226	0.86	0.0000	0.0965	0.0015	4.1589	0.0966	0.3123	0.0056	0.7767	1558	27.78	1666	19.05	1752	27.70	-11.1
17DC03-1-83	166	97.8	72.7	1.35	38.8	0.1069	0.0033	4.8085	0.1398	0.3269	0.0047	0.4942	1747	51.69	1786	24.47	1823	22.85	-4.2
Sample FC57-1 (39°39'28"N , 122.9883°59'18"E)																			
Detrital zircons																			
FC57-1-01	133	104	91.4	1.14	7.3	0.0921	0.0015	2.9522	0.0653	0.2322	0.0035	0.6748	1469	30.40	1395	16.80	1346	18.14	9.2
FC57-1-02	83	76.2	98.6	0.77	19.2	0.0788	0.0013	2.0593	0.0506	0.1893	0.0034	0.7321	1169	27.31	1135	16.82	1118	18.48	4.6
FC57-1-03	135	144	92.6	1.56	21.0	0.0756	0.0014	1.8640	0.0415	0.1790	0.0028	0.7018	1085	33.18	1068	14.74	1061	15.31	2.2
FC57-1-06	424	144	259	0.56	13.0	0.1776	0.0014	11.8003	0.2214	0.4808	0.0077	0.8552	2631	13.27	2589	17.65	2531	33.61	4.0
FC57-1-07	125	121	101.2	1.19	19.2	0.0802	0.0012	2.2176	0.0468	0.2002	0.0030	0.7115	1203	28.86	1187	14.79	1176	16.16	2.3
FC57-1-08	107	105	137	0.77	0.0000	0.0734	0.0011	1.8363	0.0385	0.1814	0.0030	0.7802	1028	31.48	1059	13.79	1075	16.19	-4.4
FC57-1-09	285	108	141	0.77	2.09	0.1761	0.0014	10.9118	0.1471	0.4492	0.0057	0.9491	2616	14.05	2516	12.66	2392	25.61	9.4
FC57-1-11	146	137	150	0.91	16.4	0.0797	0.0011	2.1845	0.0438	0.1991	0.0034	0.8554	1191	27.78	1176	13.99	1170	18.36	1.8
FC57-1-12	78	80.6	61.8	1.30	27.7	0.0781	0.0015	1.9557	0.0480	0.1815	0.0029	0.6540	1150	32.41	1100	16.51	1075	15.91	6.9
FC57-1-13	107	69.2	57.0	1.21	0.0000	0.1075	0.0017	4.3231	0.1265	0.2925	0.0079	0.9284	1758	29.63	1698	24.16	1654	39.64	6.3
FC57-1-14	75	64.8	54.3	1.19	0.0000	0.0856	0.0017	2.6250	0.0679	0.2225	0.0040	0.7036	1331	34.26	1308	19.04	1295	21.37	2.8
FC57-1-15	182	102	283	0.36	18.5	0.0903	0.0008	3.0975	0.0544	0.2487	0.0036	0.8358	1431	17.75	1432	13.51	1432	18.85	0.0
FC57-1-16	143	76.1	145	0.52	0.0000	0.1033	0.0012	4.3447	0.0758	0.3053	0.0043	0.7978	1684	21.76	1702	14.45	1718	21.01	-2.0
FC57-1-17	269	253	219	1.15	0.0000	0.0799	0.0010	2.3201	0.0585	0.2106	0.0045	0.8514	1195	24.07	1218	17.92	1232	24.10	-3.0
FC57-1-18	115	93.0	100	0.93	0.0000	0.0842	0.0013	2.5790	0.0595	0.2218	0.0035	0.6772	1298	25.00	1295	16.92	1291	18.31	0.5
FC57-1-19	182	117	111	1.05	0.0000	0.1018	0.0012	4.1508	0.0850	0.2959	0.0046	0.7634	1657	22.23	1664	16.79	1671	23.02	-0.8
FC57-1-20	85	78.0	78.3	1.00	0.2001	0.0791	0.0013	2.1885	0.0528	0.2009	0.0036	0.7467	1176	33.33	1177	16.82	1180	19.43	-0.4
FC57-1-21	256	171	310	0.55	0.89	0.0904	0.0008	2.9395	0.0506	0.2360	0.0035	0.8564	1435	17.44	1392	13.07	1366	18.15	5.1
FC57-1-24	79	40.7	49.2	0.83	13.2	0.1183	0.0019	5.6522	0.1021	0.3482	0.0056	0.8889	1931	28.55	1924	15.64	1926	26.76	0.3
FC57-1-25	173	123	89.3	1.37	0.0000	0.0958	0.0012	3.6731	0.0746	0.2787	0.0054	0.9551	1544	23.00	1566	16.25	1585	27.27	-2.6
FC57-1-26	137	77.4	79.9	0.97	0.0000	0.1118	0.0015	5.1395	0.1185	0.3329	0.0060	0.7816	1829	24.08	1843	19.64	1852	29.03	-1.2
FC57-1-27	235	116	237	0.49	0.0000	0.1076	0.0009	4.6863	0.0962	0.3155	0.0058	0.9017	1759	16.21	1765	17.22	1768	28.63	-0.5
FC57-1-28	119	57.5	134	0.43	20.4	0.1070	0.0011	4.5547	0.0857	0.3087	0.0054	0.9336	1750	18.52	1741	15.72	1734	26.73	0.9
FC57-1-29	251	178	122	1.45	38.1	0.0954	0.0010	3.6548	0.0700	0.2780	0.0049	0.9277	1544	20.38	1562	15.30	1582	24.92	-2.3

FC57-1-30	257	158	110	1.44	0.0000	0.1157	0.0013	5.2476	0.1111	0.3285	0.0060	0.8634	1891	25.00	1860	18.09	1831	29.14	3.3
FC57-1-31	145	75.3	144	0.52	0.0000	0.1026	0.0012	4.3224	0.0770	0.3058	0.0051	0.9444	1672	22.23	1698	14.73	1720	25.41	-2.8
FC57-1-32	133	100	97	1.03	11.5	0.0904	0.0013	3.0219	0.0543	0.2427	0.0037	0.8517	1433	27.32	1413	13.74	1401	19.28	2.3
FC57-1-33	236	91.4	40.8	2.24	4.59	0.1815	0.0020	13.3778	0.2766	0.5330	0.0089	0.8058	2733	18.52	2707	19.62	2754	37.37	-0.8
FC57-1-34	70.7	44.2	113	0.39	0.0000	0.0848	0.0009	2.7073	0.0503	0.2316	0.0038	0.8914	1310	21.45	1330	13.82	1343	20.11	-2.5
FC57-1-35	455	270	225	1.20	17.9	0.1112	0.0010	5.0795	0.0962	0.3309	0.0058	0.9190	1820	16.98	1833	16.11	1843	27.90	-1.2
FC57-1-36	67.4	50.6	114	0.45	1.5	0.0792	0.0013	2.2245	0.0476	0.2040	0.0034	0.7875	1177	31.48	1189	15.03	1197	18.44	-1.6
FC57-1-37	135	69.7	126	0.55	0.0000	0.1082	0.0011	4.7492	0.0861	0.3178	0.0047	0.8105	1769	18.52	1776	15.25	1779	22.86	-0.5
FC57-1-38	110	79.7	54.6	1.46	5.90	0.0978	0.0014	3.7239	0.0738	0.2763	0.0043	0.7840	1583	27.78	1577	15.91	1573	21.71	0.7
FC57-1-39	97	80.6	105	0.77	26.3	0.0823	0.0011	2.4615	0.0568	0.2168	0.0042	0.8316	1254	27.32	1261	16.69	1265	22.06	-0.9
FC57-1-40	855	672	213	3.16	0.0000	0.0917	0.0010	3.4280	0.0645	0.2711	0.0047	0.9155	1462	20.37	1511	14.82	1546	23.69	-5.5
FC57-1-41	309	252	141	1.78	0.0000	0.0915	0.0012	3.2217	0.0663	0.2552	0.0044	0.8379	1457	25.15	1462	15.98	1465	22.62	-0.5
FC57-1-42	321	184	213	0.86	0.0000	0.1092	0.0010	4.9493	0.0980	0.3287	0.0061	0.9320	1787	17.13	1811	16.77	1832	29.44	-2.5
FC57-1-43	148	105	233	0.45	12.4	0.0809	0.0009	2.3985	0.0414	0.2152	0.0033	0.8796	1220	23.30	1242	12.40	1256	17.34	-2.9
FC57-1-44	159	152	144	1.06	0.0000	0.0765	0.0011	2.0727	0.0413	0.1965	0.0031	0.7856	1109	29.63	1140	13.68	1157	16.59	-4.1
FC57-1-45	44.8	31.4	82.3	0.38	9.25	0.0794	0.0012	2.3073	0.0439	0.2108	0.0029	0.7189	1183	30.71	1215	13.51	1233	15.37	-4.0
FC57-1-46	329	187	201	0.93	15.4	0.1089	0.0010	4.7116	0.0908	0.3134	0.0053	0.8715	1781	16.67	1769	16.19	1757	25.86	1.4
FC57-1-47	140	117	113	1.03	11.0	0.0836	0.0011	2.4476	0.0483	0.2124	0.0036	0.8543	1283	25.93	1257	14.26	1242	19.06	3.3
FC57-1-48	246	160	225	0.71	0.0000	0.0923	0.0009	3.2947	0.0590	0.2590	0.0043	0.9356	1473	19.29	1480	13.99	1485	22.24	-0.8
FC57-1-49	225	95.3	55.8	1.71	0.97	0.1724	0.0023	10.9662	0.1921	0.4616	0.0069	0.8555	2581	22.22	2520	16.39	2446	30.54	5.5
FC57-1-51	72	68.9	99	0.69	11.3	0.0732	0.0015	1.6877	0.0414	0.1669	0.0024	0.5865	1020	36.11	1004	15.64	995	13.27	2.6
FC57-1-52	111	91.6	129	0.71	0.0000	0.0799	0.0011	2.2207	0.0424	0.2017	0.0033	0.8605	1195	32.41	1188	13.39	1184	17.78	0.9
FC57-1-53	217	213	240	0.88	0.0000	0.0768	0.0009	1.9161	0.0353	0.1807	0.0028	0.8320	1117	22.23	1087	12.31	1071	15.13	4.3
FC57-1-54	107	58.4	307	0.19	0.0000	0.0767	0.0008	2.0412	0.0439	0.1927	0.0034	0.8234	1114	26.39	1129	14.69	1136	18.46	-1.9
FC57-1-55	303	217	192	1.13	0.0000	0.0968	0.0010	3.4598	0.0687	0.2591	0.0047	0.9040	1565	19.60	1518	15.67	1485	23.82	5.4
FC57-1-56	368	222	164	1.35	8.64	0.1114	0.0011	4.9167	0.0910	0.3208	0.0061	1.0215	1822	16.82	1805	15.67	1794	29.62	1.6
FC57-1-57	586	249	122	2.04	0.0000	0.1840	0.0015	12.6854	0.2173	0.4998	0.0077	0.9016	2700	13.89	2657	16.22	2613	33.21	3.3
FC57-1-58	108	72.5	115	0.63	17.0	0.0881	0.0011	2.9097	0.0515	0.2398	0.0034	0.7973	1384	25.16	1384	13.42	1386	17.63	-0.2
FC57-1-59	43.4	31.4	41.5	0.76	0.0000	0.0882	0.0018	2.8660	0.0756	0.2353	0.0038	0.6061	1387	38.89	1373	19.88	1362	19.65	1.8
FC57-1-60	354	191	364	0.52	7.35	0.1033	0.0010	3.8396	0.0553	0.2695	0.0031	0.7950	1685	11.88	1601	11.66	1538	15.70	9.5
FC57-1-61	126	104	132	0.79	0.0000	0.0808	0.0010	2.3595	0.0499	0.2117	0.0037	0.8201	1218	24.07	1230	15.09	1238	19.53	-1.7
FC57-1-62	64.7	42.2	76.8	0.55	33.4	0.0909	0.0014	3.0300	0.0652	0.2415	0.0032	0.6224	1456	30.71	1415	16.47	1395	16.83	4.4
FC57-1-63	191	151	363	0.41	10.6	0.0755	0.0009	1.9580	0.0428	0.1881	0.0035	0.8515	1083	23.30	1101	14.71	1111	19.01	-2.5
FC57-1-64	141	113	225	0.50	0.0000	0.0781	0.0010	2.1122	0.0551	0.1957	0.0036	0.6987	1150	24.54	1153	18.00	1152	19.25	-0.2
FC57-1-65	183	80.3	211	0.38	13.1	0.1120	0.0011	4.9969	0.0871	0.3237	0.0048	0.8592	1833	16.52	1819	14.80	1808	23.63	1.4
FC57-1-67	76	50.9	65.6	0.78	0.0000	0.0924	0.0013	3.3570	0.0617	0.2640	0.0037	0.7648	1476	27.16	1494	14.42	1510	18.95	-2.3
FC57-1-68	105	107	129	0.83	0.0000	0.0749	0.0015	1.7594	0.0439	0.1705	0.0026	0.6147	1065	35.03	1031	16.18	1015	14.42	4.9
FC57-1-69	160	145	135	1.07	23.5	0.0831	0.0012	2.3285	0.0455	0.2035	0.0032	0.8009	1272	22.07	1221	13.91	1194	17.07	6.5
FC57-1-70	65.0	45.7	56.2	0.81	0.0000	0.0952	0.0018	3.2713	0.0773	0.2498	0.0041	0.6866	1531	34.88	1474	18.41	1437	20.93	6.6
FC57-1-71	181	124	233	0.53	7.91	0.0916	0.0010	3.0048	0.0507	0.2386	0.0039	0.9600	1458	20.37	1409	12.88	1379	20.11	5.7
FC57-1-72	172	118	103	1.14	23.5	0.0975	0.0014	3.5953	0.0865	0.2668	0.0044	0.6784	1577	26.23	1548	19.13	1524	22.16	3.4
FC57-1-73	109	52.2	93.6	0.56	0.0000	0.1149	0.0013	5.1831	0.0942	0.3276	0.0053	0.8919	1880	20.22	1850	15.52	1827	25.81	2.9



FC57-1-74	103	73.4	63.2	1.16	4.07	0.0939	0.0015	3.3132	0.0641	0.2562	0.0036	0.7351	1506	29.63	1484	15.13	1471	18.73	2.4
FC57-1-75	31.3	24.1	42.9	0.56	0.0000	0.0820	0.0019	2.2506	0.0547	0.1995	0.0028	0.5760	1256	16.67	1197	17.11	1173	15.03	7.1
FC57-1-77	97	67.9	98	0.69	0.0000	0.0915	0.0015	3.0509	0.0648	0.2422	0.0040	0.7861	1457	30.87	1420	16.28	1398	21.01	4.2
FC57-1-78	311	135	114	1.18	46.5	0.1506	0.0014	9.1166	0.1766	0.4393	0.0083	0.9712	2354	16.05	2350	17.80	2348	37.04	0.3
FC57-1-79	150	151	86.2	1.75	0.0000	0.0775	0.0012	2.0187	0.0472	0.1887	0.0032	0.7334	1144	31.02	1122	15.88	1114	17.54	2.7
FC57-1-80	221	158	204	0.78	16.2	0.0885	0.0011	2.8250	0.0476	0.2316	0.0033	0.8446	1394	22.22	1362	12.68	1343	17.27	3.9
FC57-1-81	177	125	73.1	1.71	0.0000	0.0968	0.0013	3.6723	0.0707	0.2753	0.0042	0.7960	1563	24.23	1565	15.40	1568	21.33	-0.3
FC57-1-82	171	90.4	192	0.47	0.0000	0.0980	0.0011	3.8647	0.0665	0.2864	0.0049	0.9883	1587	19.29	1606	13.93	1623	24.43	-2.2
FC57-1-83	108	67.1	125	0.54	0.0000	0.0929	0.0012	3.2571	0.0648	0.2543	0.0044	0.8620	1487	23.77	1471	15.48	1460	22.41	1.8
FC57-1-84	392	374	212	1.77	0.0000	0.0829	0.0010	2.4022	0.0450	0.2101	0.0034	0.8590	1278	22.22	1243	13.46	1229	18.03	3.9
FC57-1-85	58.2	40.7	50.3	0.81	3.96	0.0911	0.0017	3.1672	0.0845	0.2520	0.0046	0.6811	1450	35.65	1449	20.60	1449	23.58	0.1
FC57-1-86	129	95.4	83.0	1.15	0.0000	0.0963	0.0014	3.4045	0.0614	0.2574	0.0042	0.9092	1554	28.08	1505	14.20	1477	21.66	5.2
FC57-1-87	185	73.0	223	0.33	21.5	0.1163	0.0012	5.2376	0.0837	0.3270	0.0051	0.9674	1900	18.52	1859	13.69	1824	24.58	4.2
FC57-1-88	167	79.0	168	0.47	7.57	0.1113	0.0012	4.9243	0.0834	0.3216	0.0056	1.0208	1820	14.05	1806	14.34	1797	27.13	1.3
FC57-1-89	267	248	234	1.06	0.0000	0.0804	0.0010	2.2740	0.0484	0.2054	0.0039	0.8845	1206	25.16	1204	15.04	1204	20.69	0.1
FC57-1-90	94	66.9	67.2	1.00	0.0000	0.0966	0.0012	3.4780	0.0671	0.2616	0.0046	0.9047	1559	19.44	1522	15.24	1498	23.33	4.1
FC57-1-91	180	131	137	0.96	0.0000	0.0905	0.0011	3.1890	0.0660	0.2558	0.0047	0.8789	1435	22.38	1454	16.02	1469	23.89	-2.3
FC57-1-92	190	64.4	76.1	0.85	0.0000	0.1862	0.0019	13.4429	0.2332	0.5238	0.0078	0.8614	2708	16.67	2711	16.50	2715	33.15	-0.3
FC57-1-93	350	270	199	1.36	0.0000	0.0913	0.0009	3.1346	0.0555	0.2492	0.0041	0.9243	1454	18.52	1441	13.65	1434	21.04	1.3
FC57-1-94	90	90.4	102	0.89	27.6	0.0750	0.0012	1.8680	0.0335	0.1814	0.0028	0.8741	1069	32.87	1070	11.90	1075	15.55	-0.5
FC57-1-95	88	93.2	80.8	1.15	3.89	0.0738	0.0013	1.8188	0.0441	0.1784	0.0026	0.6078	1037	30.56	1052	15.91	1058	14.40	-2.0
FC57-1-96	76	71.6	73.2	0.98	15.3	0.0796	0.0014	2.1361	0.0565	0.1940	0.0031	0.6075	1188	34.10	1161	18.30	1143	16.83	4.0
FC57-1-97	90	75.4	81.7	0.92	8.36	0.0829	0.0011	2.5111	0.0421	0.2198	0.0026	0.7032	1278	25.93	1275	12.22	1281	13.73	-0.3
FC57-1-98	352	270	208	1.30	0.0000	0.1011	0.0012	3.6222	0.0756	0.2617	0.0060	1.0958	1644	21.91	1554	16.65	1499	30.61	9.7
FC57-1-99	127	88.0	144	0.61	0.0000	0.0889	0.0012	3.0388	0.0580	0.2482	0.0039	0.8308	1403	25.15	1417	14.62	1429	20.35	-1.9
FC57-1-100	197	151	122	1.23	30.8	0.0922	0.0014	2.9935	0.0609	0.2356	0.0033	0.6965	1472	29.63	1406	15.52	1364	17.44	8.0
Rejected analyses (discordant > 10%, error > 5%)																			
FC57-1-04	243	170	245	0.69	180	0.1449	0.0034	2.3366	0.1148	0.1159	0.0038	0.6711	2287	36.11	1223	34.93	707	22.07	223.6
FC57-1-05	46.3	41.3	38.0	1.08	2.9	0.0855	0.0022	2.3023	0.0686	0.1952	0.0031	0.5414	1328	50.31	1213	21.10	1149	16.98	15.5
FC57-1-10	37.6	35.2	42.8	0.82	0.0000	0.0767	0.0021	1.8878	0.0576	0.1784	0.0024	0.4378	1115	54.79	1077	20.28	1058	13.06	5.3
FC57-1-22	58.9	59.7	41.3	1.45	5.63	0.0772	0.0019	2.0542	0.0624	0.1940	0.0039	0.6630	1126	50.00	1134	20.77	1143	21.12	-1.5
FC57-1-23	101	87.1	115	0.75	4.87	0.0849	0.0017	2.2489	0.0527	0.1931	0.0035	0.7651	1322	38.43	1196	16.48	1138	18.70	16.2
FC57-1-50	240	193	110	1.76	41.8	0.0941	0.0014	3.0320	0.0569	0.2335	0.0034	0.7823	1522	27.93	1416	14.36	1353	17.93	12.5
FC57-1-66	436	338	190	1.77	0.0000	0.0986	0.0010	3.3409	0.0542	0.2459	0.0034	0.8414	1598	13.89	1491	12.71	1417	17.37	12.8
FC57-1-76	245	233	107	2.17	11.8	0.0837	0.0014	2.2658	0.0464	0.1964	0.0026	0.6535	1284	31.48	1202	14.45	1156	14.18	11.1

**Sample 17TH-02-01 (41°44'27.67"N , 126° 01'32.48"E)**

<i>Detrital zircons</i>																			
17TH-02-01-01	216	133	130	1.02	0.0000	0.1012	0.0022	3.9862	0.0843	0.2859	0.0056	0.9272	1656	40.74	1631	17.20	1621	28.11	2.1
17TH-02-01-04	125	71.6	97.7	0.73	42.6	0.0979	0.0019	3.7887	0.0789	0.2808	0.0059	1.0049	1585	36.73	1590	16.76	1595	29.57	-0.6
17TH-02-01-05	291	178	188	0.95	0.0000	0.0958	0.0016	3.6981	0.0812	0.2796	0.0060	0.9743	1544	32.56	1571	17.58	1589	30.13	-2.9
17TH-02-01-06	300	189	141	1.34	2.57	0.0990	0.0022	3.8205	0.0801	0.2802	0.0059	1.0025	1606	45.37	1597	16.91	1592	29.67	0.9

17TH-02-01-07	176	101	119	0.85	0.0000	0.0965	0.0018	3.7255	0.0718	0.2796	0.0049	0.9161	1567	34.88	1577	15.47	1589	24.89	-1.4
17TH-02-01-08	240	136	175	0.78	0.0000	0.1070	0.0024	4.6016	0.1198	0.3119	0.0071	0.8734	1750	42.44	1750	21.76	1750	34.88	0.0
17TH-02-01-09	1378	798	551	1.45	7.70	0.1067	0.0022	4.9054	0.1235	0.3329	0.0080	0.9569	1744	38.89	1803	21.27	1852	38.80	-5.9
17TH-02-01-10	206	132	99	1.33	0.0000	0.0934	0.0022	3.4998	0.0991	0.2707	0.0057	0.7381	1498	43.37	1527	22.39	1544	28.72	-3.0
17TH-02-01-11	258	93	101	0.92	0.0000	0.1631	0.0039	10.1358	0.2466	0.4500	0.0106	0.9696	2489	39.82	2447	22.55	2395	47.21	3.9
17TH-02-01-12	510	330	212	1.55	0.00	0.0998	0.0022	3.9886	0.0882	0.2913	0.0079	1.2327	1620	36.11	1632	17.98	1648	39.63	-1.7
17TH-02-01-14	227	200	192	1.04	5.06	0.0815	0.0019	2.2977	0.0625	0.2040	0.0045	0.8038	1233	44.91	1212	19.27	1197	23.90	3.0
17TH-02-01-15	339	185	244	0.76	0.0000	0.1061	0.0020	4.5343	0.1292	0.3096	0.0088	1.0026	1800	34.41	1737	23.73	1739	43.53	3.5
17TH-02-01-16	264	93.8	346	0.27	14.4	0.1098	0.0022	4.9794	0.0968	0.3290	0.0062	0.9710	1796	36.42	1816	16.48	1834	30.13	-2.1
17TH-02-01-18	139	123	93.2	1.32	33.0	0.0783	0.0014	2.2477	0.0516	0.2076	0.0043	0.8963	1155	35.19	1196	16.16	1216	22.82	-5.0
17TH-02-01-19	265	171	181	0.94	45.5	0.0956	0.0020	3.5304	0.0756	0.2686	0.0067	1.1598	1543	39.35	1534	16.97	1534	33.91	0.6
17TH-02-01-21	629	408	323	1.26	40.0	0.0990	0.0019	3.9036	0.0883	0.2861	0.0065	1.0075	1606	37.04	1614	18.32	1622	32.69	-1.0
17TH-02-01-22	568	331	412	0.80	0.0000	0.0987	0.0021	3.8327	0.0831	0.2833	0.0078	1.2614	1599	38.89	1600	17.50	1608	38.95	-0.6
17TH-02-01-23	91	50.1	64.0	0.78	38.2	0.1010	0.0024	4.0570	0.0927	0.2920	0.0062	0.9252	1643	43.05	1646	18.65	1651	30.82	-0.5
17TH-02-01-24	247	127	181	0.70	0.0000	0.1117	0.0023	4.9891	0.1142	0.3234	0.0058	0.7879	1828	38.12	1817	19.40	1806	28.43	1.2
17TH-02-01-25	295	182	213	0.86	18.6	0.0999	0.0019	3.7101	0.0989	0.2680	0.0050	0.7033	1622	35.18	1574	21.34	1531	25.55	5.9
17TH-02-01-26	256	125	203	0.61	0.0000	0.1081	0.0025	4.8868	0.1360	0.3285	0.0089	0.9739	1769	42.60	1800	23.50	1831	43.23	-3.4
17TH-02-01-27	128	73.1	105	0.70	15.7	0.1004	0.0018	4.0693	0.0700	0.2943	0.0058	1.1464	1632	33.48	1648	14.06	1663	28.91	-1.9
17TH-02-01-28	189	130	85.3	1.52	0.0000	0.0976	0.0021	3.8093	0.0806	0.2833	0.0057	0.9444	1589	40.74	1595	17.05	1608	28.45	-1.2
17TH-02-01-29	156	136	118	1.15	27.8	0.0787	0.0018	2.1774	0.0601	0.2008	0.0048	0.8655	1165	46.30	1174	19.23	1180	25.78	-1.3
17TH-02-01-30	415	278	248	1.12	24.4	0.1028	0.0024	4.0124	0.1015	0.2830	0.0066	0.9263	1676	42.90	1637	20.58	1606	33.32	4.3
17TH-02-01-31	135	115	107	1.07	5.66	0.0821	0.0019	2.3501	0.0619	0.2078	0.0047	0.8650	1256	46.30	1228	18.79	1217	25.29	3.2
17TH-02-01-32	110	68.0	71.7	0.95	29.2	0.1010	0.0026	4.0219	0.1141	0.2885	0.0061	0.7474	1643	46.76	1639	23.10	1634	30.62	0.5
17TH-02-01-33	743	463	496	0.93	0.0000	0.0982	0.0020	3.8632	0.1009	0.2853	0.0076	1.0155	1591	38.58	1606	21.10	1618	37.98	-1.7
17TH-02-01-34	142	123	120	1.03	16.1	0.0788	0.0016	2.1199	0.0506	0.1947	0.0042	0.9006	1169	40.74	1155	16.48	1147	22.58	1.9
17TH-02-01-35	186	70.3	118	0.60	0.0000	0.1385	0.0027	8.1740	0.1963	0.4274	0.0097	0.9432	2209	33.33	2250	21.79	2294	43.75	-3.7
17TH-02-01-36	252	173	102	1.69	0.0000	0.0996	0.0022	3.8008	0.0921	0.2762	0.0056	0.8406	1617	40.74	1593	19.51	1572	28.43	2.8
17TH-02-01-37	138	88.9	88.3	1.01	9.69	0.0955	0.0018	3.6803	0.0946	0.2781	0.0058	0.8123	1539	35.81	1567	20.55	1582	29.29	-2.7
17TH-02-01-38	223	205	196	1.05	0.0000	0.0776	0.0019	2.1517	0.0760	0.1998	0.0052	0.7429	1139	48.15	1166	24.49	1174	28.17	-3.0
17TH-02-01-39	156	139	125	1.11	0.0000	0.0768	0.0018	2.1165	0.0483	0.2002	0.0047	1.0401	1117	14.35	1154	15.75	1176	25.52	-5.1
17TH-02-01-40	68	58.7	58.8	1.00	0.0000	0.0791	0.0024	2.2023	0.0598	0.2025	0.0049	0.8938	1176	58.18	1182	18.99	1189	26.37	-1.1
17TH-02-01-41	323	194	205	0.95	13.4	0.1018	0.0028	3.9295	0.1139	0.2797	0.0082	1.0124	1658	51.39	1620	23.49	1590	41.36	4.3
17TH-02-01-42	206	182	162	1.12	10.8	0.0788	0.0017	2.1755	0.0550	0.1998	0.0045	0.8937	1166	42.59	1173	17.61	1174	24.28	-0.7
17TH-02-01-43	281	171	218	0.78	0.0000	0.0976	0.0024	3.5311	0.0811	0.2621	0.0048	0.7916	1589	46.45	1534	18.19	1501	24.34	5.9
17TH-02-01-44	285	160	234	0.68	7.19	0.1044	0.0019	4.0620	0.0951	0.2816	0.0064	0.9651	1706	34.42	1647	19.10	1599	32.00	6.6
17TH-02-01-45	216	144	116	1.24	0.0000	0.1007	0.0020	3.8151	0.0885	0.2752	0.0071	1.1118	1636	36.26	1596	18.69	1567	35.88	4.4
17TH-02-01-47	427	265	264	1.00	0.0000	0.0988	0.0018	3.8471	0.0949	0.2819	0.0066	0.9526	1602	34.10	1603	19.90	1601	33.32	0.1
17TH-02-01-48	132	84.6	84.3	1.00	1.89	0.0971	0.0021	3.7707	0.0949	0.2821	0.0074	1.0351	1569	40.28	1587	20.23	1602	36.97	-2.0
17TH-02-01-49	127	81.8	73.0	1.12	0.0000	0.0982	0.0022	3.8184	0.0889	0.2819	0.0058	0.8784	1591	40.74	1597	18.76	1601	29.01	-0.6
17TH-02-01-50	344	163	266	0.61	0.00	0.1112	0.0022	5.1735	0.1317	0.3372	0.0080	0.9366	1820	35.65	1848	21.70	1873	38.77	-2.8
17TH-02-01-51	124	104	114	0.91	0.82	0.0795	0.0017	2.1459	0.0561	0.1959	0.0048	0.9445	1187	42.59	1164	18.11	1153	26.06	2.9
17TH-02-01-52	186	95.5	164	0.58	1.19	0.1026	0.0022	4.1713	0.1015	0.2958	0.0075	1.0466	1672	45.37	1668	19.96	1671	37.49	0.1

17TH-02-01-53	260	143	175	0.82	0.0000	0.1097	0.0020	4.7663	0.1043	0.3146	0.0062	0.8936	1795	33.18	1779	18.41	1763	30.18	1.8
17TH-02-01-54	181	124	72.3	1.72	0.0000	0.0999	0.0021	3.9025	0.1063	0.2834	0.0074	0.9579	1622	38.89	1614	22.05	1608	37.17	0.8
17TH-02-01-55	214	144	250	0.58	0.0000	0.0851	0.0016	2.6958	0.0607	0.2303	0.0057	1.1006	1317	37.03	1327	16.70	1336	29.90	-1.4
17TH-02-01-56	211	149	172	0.87	0.0000	0.0933	0.0018	3.3033	0.0870	0.2561	0.0059	0.8687	1494	35.80	1482	20.54	1470	30.07	1.7
17TH-02-01-57	96	40.3	24.6	1.64	0.0000	0.1646	0.0039	10.9352	0.2569	0.4834	0.0114	1.0058	2503	40.13	2518	21.92	2542	49.65	-1.5
17TH-02-01-58	133	71.3	95.0	0.75	34.1	0.1097	0.0024	4.8135	0.1418	0.3184	0.0088	0.9391	1794	39.20	1787	24.80	1782	43.08	0.7
17TH-02-01-59	259	161	125	1.29	0.0000	0.1023	0.0020	4.1960	0.0975	0.2975	0.0070	1.0096	1666	35.18	1673	19.09	1679	34.71	-0.8
17TH-02-01-60	686	288	145	1.99	0.0000	0.1669	0.0038	10.9033	0.3008	0.4731	0.0106	0.8136	2528	38.58	2515	25.71	2497	46.49	1.2
17TH-02-01-61	370	368	253	1.46	0.0000	0.0785	0.0017	2.0758	0.0437	0.1922	0.0043	1.0578	1161	75.00	1141	14.44	1133	23.14	2.5
17TH-02-01-62	328	146	230	0.63	0.0000	0.1254	0.0025	6.3517	0.1321	0.3679	0.0080	1.0505	2035	35.18	2026	18.29	2019	37.88	0.8
17TH-02-01-64	94	63.8	31.9	2.00	0.0000	0.1063	0.0024	4.2282	0.1230	0.2886	0.0072	0.8633	1737	47.22	1680	23.92	1635	36.28	6.3
17TH-02-01-66	152	132	139	0.95	0.0000	0.0822	0.0018	2.3454	0.0612	0.2073	0.0048	0.8820	1250	44.44	1226	18.60	1214	25.50	2.9
17TH-02-01-67	130	61.9	84.5	0.73	0.0000	0.1152	0.0023	5.9035	0.1566	0.3715	0.0095	0.9594	1884	36.88	1962	23.07	2036	44.44	-7.5
17TH-02-01-69	159	137	162	0.85	6.04	0.0794	0.0018	2.2181	0.0567	0.2023	0.0034	0.6642	1183	41.66	1187	17.90	1188	18.41	-0.4
17TH-02-01-70	241	184	120	1.53	14.1	0.0935	0.0018	3.5114	0.0946	0.2718	0.0061	0.8315	1498	41.51	1530	21.31	1550	30.87	-3.3
17TH-02-01-71	278	193	123	1.57	18.7	0.1025	0.0024	4.0544	0.1072	0.2875	0.0071	0.9346	1670	43.52	1645	21.56	1629	35.58	2.5
17TH-02-01-72	195	187	183	1.02	8.29	0.0787	0.0016	2.1839	0.0588	0.2011	0.0046	0.8427	1165	40.74	1176	18.75	1181	24.48	-1.4
17TH-02-01-73	183	113	134	0.84	0.0000	0.1000	0.0023	4.0405	0.1179	0.2933	0.0076	0.8855	1625	48.30	1642	23.77	1658	37.77	-2.0
17TH-02-01-74	342	370	200	1.85	27.5	0.0751	0.0021	1.8736	0.0597	0.1814	0.0068	1.1770	1072	57.41	1072	21.10	1074	37.11	-0.2
17TH-02-01-76	851	634	238	2.66	0.0000	0.1034	0.0027	3.9708	0.0834	0.2801	0.0074	1.2553	1687	47.07	1628	17.07	1592	37.19	6.0
17TH-02-01-77	284	177	195	0.91	0.0000	0.1020	0.0025	4.1154	0.1325	0.2923	0.0076	0.8089	1661	46.30	1657	26.33	1653	37.98	0.5
17TH-02-01-78	223	138	174	0.79	41.0	0.1002	0.0021	4.0576	0.0993	0.2933	0.0066	0.9198	1629	37.80	1646	19.98	1658	32.93	-1.8
17TH-02-01-80	264	170	172	0.99	46.6	0.1047	0.0043	4.1677	0.2108	0.2865	0.0066	0.4537	1710	75.31	1668	41.44	1624	32.96	5.3
17TH-02-01-81	503	375	244	1.53	0.0000	0.0986	0.0023	3.8740	0.1120	0.2849	0.0073	0.8805	1598	44.44	1608	23.37	1616	36.41	-1.1
17TH-02-01-82	285	179	187	0.96	33.1	0.1103	0.0036	4.7100	0.1602	0.3095	0.0070	0.6622	1806	60.96	1769	28.51	1738	34.32	3.9
17TH-02-01-83	271	177	203	0.87	0.0000	0.0958	0.0028	3.6267	0.1035	0.2742	0.0055	0.7033	1546	49.23	1555	22.74	1562	27.86	-1.0
17TH-02-01-84	587	426	336	1.27	2.88	0.0971	0.0021	3.6323	0.0864	0.2720	0.0069	1.0623	1569	40.89	1557	18.97	1551	34.85	1.2
17TH-02-01-85	245	161	178	0.90	23.9	0.0981	0.0022	3.7113	0.1133	0.2753	0.0091	1.0869	1589	42.59	1574	24.44	1568	46.18	1.3
17TH-02-01-86	324	177	240	0.74	52.6	0.1069	0.0021	4.7058	0.0976	0.3190	0.0059	0.8995	1747	36.27	1768	17.41	1785	29.09	-2.1
17TH-02-01-88	195	118	100.2	1.18	2.56	0.0986	0.0028	4.2677	0.1509	0.3129	0.0080	0.7214	1598	52.00	1687	29.12	1755	39.21	-8.9
17TH-02-01-90	163	120	99.4	1.21	2.95	0.0909	0.0019	3.1243	0.0814	0.2485	0.0048	0.7415	1444	38.89	1439	20.06	1431	24.79	0.9
17TH-02-01-91	189	205	198	1.03	44.8	0.1105	0.0037	4.4329	0.1208	0.2924	0.0094	1.1855	1809	93.68	1719	22.61	1653	47.12	9.4
17TH-02-01-92	342	235	257	0.91	0.0000	0.0889	0.0021	2.9950	0.0995	0.2446	0.0078	0.9561	1411	44.45	1406	25.31	1410	40.25	0.1
17TH-02-01-94	250	210	228	0.92	22.3	0.0788	0.0016	2.2457	0.0427	0.2071	0.0040	1.0101	1166	39.97	1195	13.39	1213	21.27	-3.9
17TH-02-01-95	440	308	328	0.94	34.0	0.1018	0.0021	3.7264	0.0984	0.2651	0.0062	0.8814	1657	37.04	1577	21.16	1516	31.44	9.3
17TH-02-01-98	141.3	23.8	311	0.08	0.0000	0.1058	0.0022	4.7661	0.1068	0.3273	0.0076	1.0318	1728	38.89	1779	18.84	1825	36.75	-5.3
17TH-02-01-99	180	129	253	0.51	0.0000	0.0804	0.0023	2.2431	0.0821	0.2018	0.0052	0.7103	1207	56.32	1195	25.70	1185	28.13	1.9
Rejected analyses (discordant > 10%, error > 5%)																			
17TH-02-01-02	243	232	487	0.48	38.5	0.0903	0.0027	2.4864	0.1117	0.1991	0.0070	0.7866	1431	57.26	1268	32.55	1170	37.83	22.3
17TH-02-01-03	393	273	383	0.71	10.4	0.0889	0.0017	2.6576	0.0543	0.2168	0.0042	0.9565	1411	37.04	1317	15.11	1265	22.47	11.5
17TH-02-01-13	104	96.3	65.4	1.47	15.2	0.0871	0.0042	2.2596	0.1651	0.1864	0.0077	0.5638	1363	87.97	1200	51.44	1102	41.74	23.6
17TH-02-01-17	348	425	465	0.91	16.1	0.0853	0.0020	2.0674	0.0713	0.1753	0.0050	0.8220	1324	46.14	1138	23.60	1041	27.25	27.1

17TH-02-01-20	744	660	304	2.17	47.8	0.0988	0.0024	3.0236	0.1126	0.2224	0.0082	0.9952	2000	50.46	1414	28.43	1295	43.48	54.5
17TH-02-01-46	387	191	320	0.60	21.4	0.1117	0.0026	4.4699	0.1314	0.2900	0.0077	0.8990	1828	40.90	1725	24.42	1642	38.32	11.4
17TH-02-01-63	364	300	288	1.04	0.0000	0.0997	0.0022	3.1379	0.0925	0.2284	0.0069	1.0280	1620	36.11	1442	22.72	1326	36.34	22.2
17TH-02-01-65	485	342	407	0.84	0.0000	0.0968	0.0025	3.2490	0.1407	0.2424	0.0083	0.7913	1565	49.23	1469	33.63	1399	43.09	11.8
17TH-02-01-68	475	352	479	0.73	24.9	0.1052	0.0024	3.6746	0.1159	0.2531	0.0065	0.8145	1718	42.59	1566	25.20	1454	33.46	18.1
17TH-02-01-75	406	305	611	0.50	13.9	0.1016	0.0026	2.7769	0.2023	0.1958	0.0118	0.8248	1654	48.15	1349	54.40	1153	63.43	43.5
17TH-02-01-79	689	689	527	1.31	56.5	0.1003	0.0022	2.8342	0.0791	0.2049	0.0055	0.9558	1629	42.43	1365	20.96	1202	29.24	35.6
17TH-02-01-87	251	337	404	0.83	25.9	0.0844	0.0026	2.0448	0.1023	0.1760	0.0094	1.0623	1302	60.96	1131	34.14	1045	51.31	24.5
17TH-02-01-89	616	442	534	0.83	47.2	0.0951	0.0020	3.0207	0.0960	0.2305	0.0075	1.0227	1531	34.42	1413	24.25	1337	39.24	14.5
17TH-02-01-93	612	475	470	1.01	34.3	0.0951	0.0035	2.8379	0.1464	0.2162	0.0090	0.8107	1531	68.52	1366	38.74	1262	47.92	21.4
17TH-02-01-96	539	717	407	1.76	89.7	0.1035	0.0028	3.3460	0.1647	0.2382	0.0142	1.2113	1687	49.69	1492	38.50	1377	73.96	22.5
17TH-02-01-97	698	1151	491	2.35	61.0	0.0997	0.0024	2.4059	0.1447	0.1748	0.0104	0.9857	1620	44.13	1244	43.13	1039	56.86	56.0
17TH-02-01-100	380	209	546	0.38	41.9	0.0968	0.0022	3.0522	0.1080	0.2282	0.0073	0.9071	1565	42.75	1421	27.08	1325	38.46	18.1

Sample 17TH-09-01 (41°41'38.00"N, 126° 09'11.62"E)

*Detrital zircons*

17TH-09-01-03	244	182	103	1.76	0.74	0.0803	0.0015	2.1120	0.0361	0.1914	0.0048	1.4818	1203	35.18	1153	11.80	1129	26.22	6.6
17TH-09-01-08	151	70.1	73.4	0.96	10.6	0.1012	0.0018	4.0317	0.1019	0.2890	0.0061	0.8285	1656	33.34	1641	20.59	1636	30.27	1.2
17TH-09-01-09	137	61.2	98	0.63	2.2082	0.0912	0.0013	3.3178	0.0694	0.2635	0.0044	0.7907	1450	21.76	1485	16.36	1508	22.27	-3.8
17TH-09-01-10	219	74.2	147	0.50	4.73	0.1084	0.0011	4.8865	0.0916	0.3266	0.0058	0.9512	1773	18.52	1800	15.85	1822	28.31	-2.7
17TH-09-01-13	150	143	146	0.98	1.88	0.0768	0.0011	1.9359	0.0407	0.1827	0.0037	0.9526	1117	29.63	1094	14.11	1082	19.97	3.2
17TH-09-01-14	104	67.1	70.9	0.95	0.9428	0.0775	0.0015	2.2176	0.0377	0.2084	0.0042	1.1909	1144	38.89	1187	11.92	1220	22.50	-6.2
17TH-09-01-15	271	134	169	0.80	0.0000	0.0896	0.0009	3.1965	0.0502	0.2585	0.0042	1.0304	1417	20.37	1456	12.19	1482	21.45	-4.4
17TH-09-01-17	95	46.2	27.4	1.69	4.26	0.0947	0.0018	3.7396	0.0900	0.2855	0.0037	0.5425	1521	39.82	1580	19.32	1619	18.72	-6.0
17TH-09-01-18	148	74.6	116	0.64	0.0000	0.0919	0.0016	3.2973	0.0534	0.2604	0.0040	0.9563	1465	32.87	1480	12.66	1492	20.64	-1.8
17TH-09-01-21	296	195	175	1.11	7.8	0.0848	0.0015	2.4377	0.0508	0.2083	0.0040	0.9268	1311	35.18	1254	15.03	1220	21.48	7.5
17TH-09-01-23	132	81.7	168	0.49	7.91	0.1073	0.0013	4.2463	0.1074	0.2871	0.0074	1.0207	1754	22.38	1683	20.83	1627	37.15	7.8
17TH-09-01-24	259	112	212	0.53	0.0000	0.0928	0.0012	3.4439	0.0841	0.2686	0.0058	0.8819	1484	24.07	1514	19.25	1534	29.42	-3.2
17TH-09-01-26	75.1	16.8	54.1	0.31	0.0000	0.1444	0.0018	8.6406	0.1601	0.4335	0.0073	0.9130	2281	21.91	2301	16.93	2322	32.99	-1.8
17TH-09-01-28	185	141	66.2	2.14	14.7	0.0782	0.0015	2.2269	0.0487	0.2067	0.0036	0.8069	1154	38.43	1190	15.33	1211	19.48	-4.7
17TH-09-01-29	333	96.5	136	0.71	9.31	0.1520	0.0018	9.7006	0.1970	0.4623	0.0085	0.9068	2369	19.29	2407	18.76	2450	37.55	-3.3
17TH-09-01-34	169	122	85.0	1.43	3.97	0.0789	0.0009	2.1813	0.0337	0.2004	0.0032	1.0370	1172	24.07	1175	10.80	1177	17.27	-0.4
17TH-09-01-37	283	199	142	1.40	0.0000	0.0803	0.0012	2.2371	0.0438	0.2018	0.0034	0.8699	1203	27.78	1193	13.78	1185	18.47	1.5
17TH-09-01-39	163	106	124	0.86	0.0000	0.0826	0.0020	2.2678	0.0629	0.1985	0.0028	0.5162	1259	46.30	1202	19.57	1167	15.31	7.8
17TH-09-01-40	183	101.5	70.5	1.44	8.58	0.0935	0.0014	3.2697	0.0738	0.2528	0.0046	0.7979	1499	27.78	1474	17.59	1453	23.45	3.2
17TH-09-01-41	99	73.5	29.7	2.48	0.0000	0.0761	0.0016	1.9013	0.0446	0.1812	0.0030	0.7041	1098	43.06	1082	15.64	1073	16.36	2.3
17TH-09-01-42	93	62.2	48.1	1.29	4.89	0.0795	0.0012	2.1908	0.0447	0.1997	0.0039	0.9552	1187	30.71	1178	14.24	1174	20.92	1.1
17TH-09-01-43	225	101.7	151	0.67	3.44	0.1038	0.0014	4.1684	0.0748	0.2915	0.0053	1.0208	1692	19.60	1668	14.74	1649	26.66	2.6
17TH-09-01-45	851	214	207	1.04	0.0000	0.2556	0.0027	21.1340	0.3967	0.5988	0.0096	0.8536	3219	16.36	3145	18.32	3025	38.72	6.4
17TH-09-01-47	67	35.4	45.3	0.78	3.00	0.0901	0.0021	3.0451	0.0890	0.2450	0.0043	0.5943	1428	45.53	1419	22.35	1413	22.04	1.1
17TH-09-01-51	141	68.8	77.1	0.89	0.0000	0.0950	0.0015	3.6498	0.0636	0.2794	0.0044	0.9079	1528	34.26	1560	13.93	1589	22.29	-3.8
17TH-09-01-52	153	64.8	86.9	0.75	0.0000	0.1043	0.0028	4.1895	0.1100	0.2932	0.0117	1.5246	1702	49.23	1672	21.56	1658	58.54	2.7

17TH-09-01-55	333	202	110	1.84	0.0000	0.1068	0.0013	4.1325	0.0708	0.2812	0.0049	1.0120	1746	22.22	1661	14.06	1597	24.56	9.3
17TH-09-01-57	112	73.8	62.9	1.17	22.7	0.0824	0.0010	2.3962	0.0401	0.2110	0.0031	0.8689	1255	24.08	1241	12.03	1234	16.36	1.7
17TH-09-01-58	56.3	42.2	27.1	1.56	0.0000	0.0804	0.0019	2.1741	0.0658	0.1960	0.0041	0.6874	1207	46.29	1173	21.06	1154	21.98	4.6
17TH-09-01-59	263	138	157	0.88	21.0	0.0997	0.0017	3.8624	0.0699	0.2819	0.0051	0.9964	1620	31.63	1606	14.63	1601	25.56	1.2
17TH-09-01-62	78	53.2	43.1	1.23	4.04	0.0785	0.0019	2.2280	0.0475	0.2067	0.0038	0.8593	1161	43.52	1190	14.96	1211	20.24	-4.2
17TH-09-01-64	107	74	61.5	1.20	0.0000	0.0778	0.0015	2.2138	0.0463	0.2066	0.0039	0.8990	1143	37.50	1185	14.66	1211	20.78	-5.6
17TH-09-01-67	122	73.7	100.2	0.74	11.6	0.0836	0.0015	2.5468	0.0544	0.2212	0.0043	0.9055	1283	34.42	1286	15.60	1288	22.59	-0.4
17TH-09-01-68	237	100.2	184	0.54	13.6	0.1070	0.0015	4.5862	0.1079	0.3107	0.0080	1.0942	1750	25.93	1747	19.66	1744	39.37	0.3
17TH-09-01-69	136	47.6	234	0.20	0.67	0.0960	0.0011	3.6154	0.0593	0.2727	0.0038	0.8603	1547	21.45	1553	13.10	1554	19.52	-0.5
17TH-09-01-71	74	49.6	30.2	1.64	2.22	0.0833	0.0024	2.4195	0.0743	0.2109	0.0051	0.7815	1277	56.02	1248	22.07	1233	26.93	3.5
17TH-09-01-73	239	165	165	1.00	0.0000	0.0791	0.0010	2.3434	0.0531	0.2148	0.0049	1.0057	1174	24.07	1226	16.15	1254	25.98	-6.4
17TH-09-01-75	118	83.7	158	0.53	11.4	0.0748	0.0013	1.8356	0.0348	0.1784	0.0036	1.0584	1063	35.19	1058	12.47	1058	19.57	0.4
17TH-09-01-76	97	44.7	47.3	0.95	3.34	0.0969	0.0015	4.0140	0.1030	0.2998	0.0062	0.8060	1565	29.47	1637	20.88	1690	30.76	-7.4
17TH-09-01-78	234	138	94.6	1.45	13.6	0.1041	0.0021	4.2708	0.1249	0.2972	0.0070	0.8097	1699	37.35	1688	24.08	1677	34.97	1.3
17TH-09-01-80	99	61.4	92.7	0.66	18.7	0.0798	0.0019	2.1839	0.0550	0.1984	0.0030	0.6041	1191	45.21	1176	17.56	1167	16.26	2.0
17TH-09-01-89	255	71.8	91.2	0.79	3.53	0.1630	0.0020	10.8434	0.1729	0.4818	0.0069	0.9033	2487	21.46	2510	14.92	2535	30.21	-1.9
17TH-09-01-90	191	98.2	141	0.70	0.0000	0.1117	0.0020	4.6915	0.1045	0.3049	0.0066	0.9662	1828	32.10	1766	18.69	1716	32.44	6.5
17TH-09-01-102	84	67.4	110	0.61	0.0000	0.0824	0.0014	2.2331	0.0437	0.1966	0.0024	0.6269	1257	26.86	1191	13.76	1157	13.01	8.7
17TH-09-01-103	190	196	136	1.44	0.0000	0.0803	0.0013	2.0577	0.0412	0.1860	0.0026	0.6987	1206	31.48	1135	13.71	1100	14.16	9.6
17TH-09-01-108	206	142	92.9	1.53	25.1	0.0993	0.0018	3.4803	0.0670	0.2546	0.0033	0.6716	1610	34.10	1523	15.21	1462	16.92	10.1
17TH-09-01-114	403	241	311	0.77	26.0	0.1148	0.0013	4.8679	0.0794	0.3074	0.0037	0.7282	1876	20.37	1797	13.79	1728	18.02	8.6
17TH-09-01-115	113	81.6	113	0.72	24.1	0.0859	0.0011	2.6679	0.0412	0.2252	0.0021	0.5960	1400	25.16	1320	11.45	1309	10.94	6.9
17TH-09-01-119	163	144	168	0.85	8.15	0.0812	0.0012	2.2094	0.0457	0.1974	0.0030	0.7458	1228	30.71	1184	14.49	1161	16.42	5.7
17TH-09-01-120	135	129	115	1.12	19.7	0.0784	0.0017	2.0355	0.0531	0.1886	0.0033	0.6770	1167	37.96	1127	17.76	1114	18.06	4.7
17TH-09-01-123	230	217	229	0.95	0.0000	0.0937	0.0011	3.1463	0.0519	0.2441	0.0039	0.9797	1502	22.68	1444	12.75	1408	20.47	6.7
17TH-09-01-126	67	70.1	44.9	1.56	9.8	0.0754	0.0017	1.9115	0.0491	0.1839	0.0028	0.5882	1080	44.44	1085	17.15	1088	15.15	-0.8
17TH-09-01-128	200	189	149	1.27	0.0000	0.0781	0.0017	2.0004	0.0372	0.1860	0.0027	0.7720	1150	42.13	1116	12.63	1100	14.55	4.6
17TH-09-01-130	280	237	383	0.62	0.0000	0.0796	0.0012	2.0418	0.0428	0.1859	0.0030	0.7741	1187	25.46	1130	14.32	1099	16.42	8.0
17TH-09-01-131	186	181	138	1.31	38.4	0.0793	0.0012	2.0444	0.0379	0.1870	0.0026	0.7485	1189	29.63	1130	12.67	1105	14.11	7.6
17TH-09-01-132	200	222	105	2.11	0.0000	0.0770	0.0013	1.9307	0.0350	0.1820	0.0023	0.6858	1120	34.11	1092	12.16	1078	12.36	3.9
17TH-09-01-135	181	156	117	1.34	0.0000	0.0868	0.0018	2.5930	0.0537	0.2169	0.0028	0.6246	1355	38.89	1299	15.21	1266	14.89	7.1
17TH-09-01-138	363	219	143	1.53	0.0000	0.1105	0.0014	4.8246	0.0929	0.3162	0.0047	0.7635	1809	23.30	1789	16.25	1771	22.80	2.1
Rejected analyses (discordant > 10%, error > 5%)																			
17TH-09-01-01	484	446	321	1.39	3.72	0.0780	0.0010	1.7096	0.0725	0.1579	0.0057	0.8529	1146	26.39	1012	27.18	945	31.80	21.3
17TH-09-01-02	123	74.5	67.0	1.11	6.5	0.1114	0.0022	4.2933	0.0865	0.2803	0.0058	1.0247	1822	35.34	1692	16.63	1593	29.14	14.4
17TH-09-01-04	263	179	162	1.10	5.37	0.0844	0.0013	2.2929	0.0443	0.1970	0.0036	0.9427	1302	30.10	1210	13.69	1159	19.34	12.3
17TH-09-01-05	460	779	590	1.32	20.5	0.0771	0.0011	0.9127	0.0384	0.0856	0.0031	0.8621	1124	28.55	658	20.39	530	18.45	112.2
17TH-09-01-06	244	234	78	3.02	0.00	0.1037	0.0010	3.1806	0.0992	0.2219	0.0063	0.9113	1700	18.37	1452	24.12	1292	33.29	31.6
17TH-09-01-07	305	304	269	1.13	15.6	0.0838	0.0018	1.8355	0.0872	0.1573	0.0052	0.6898	1287	36.27	1058	31.25	942	28.73	36.6
17TH-09-01-11	143	85.5	68.7	1.24	31.6	0.1284	0.0081	3.7666	0.3062	0.2061	0.0051	0.3038	2077	111.42	1586	65.24	1208	27.21	72.0
17TH-09-01-12	545	330	238	1.38	14.4	0.1471	0.0016	6.3660	0.1423	0.3137	0.0071	1.0108	2313	18.83	2028	19.67	1759	34.79	31.5
17TH-09-01-16	572	845	383	2.21	19.2	0.1078	0.0019	2.3258	0.0927	0.1571	0.0074	1.1835	1765	31.64	1220	28.30	940	41.26	87.7

17TH-09-01-19	519	262	131	2.00	8.5275	0.2309	0.0026	14.7378	0.3211	0.4616	0.0091	0.9010	3058	18.52	2798	20.81	2447	40.00	25.0
17TH-09-01-20	457	449	214	2.10	3.47	0.0811	0.0011	1.7561	0.0623	0.1564	0.0049	0.8820	1225	27.77	1029	22.98	937	27.30	30.8
17TH-09-01-22	286	646	347	1.86	26.1	0.0838	0.0019	1.4232	0.0428	0.1230	0.0027	0.7254	1288	43.98	899	17.94	748	15.40	72.3
17TH-09-01-25	325	353	216	1.63	27.2	0.0859	0.0014	2.2263	0.0588	0.1878	0.0043	0.8618	1400	31.48	1189	18.52	1110	23.21	26.2
17TH-09-01-27	212	105	105	0.99	5.38	0.1126	0.0019	4.5473	0.0869	0.2934	0.0059	1.0539	1843	31.02	1740	15.96	1659	29.48	11.1
17TH-09-01-30	205	189	191	0.99	11.8	0.0984	0.0016	3.0857	0.0837	0.2274	0.0060	0.9680	1594	29.78	1429	20.83	1321	31.37	20.7
17TH-09-01-31	210	141	247	0.57	0.0000	0.0785	0.0012	1.8439	0.0744	0.1689	0.0056	0.8147	1161	29.63	1061	26.59	1006	30.65	15.4
17TH-09-01-32	346	259	276	0.94	3.81	0.0923	0.0023	2.7253	0.1196	0.2128	0.0065	0.6913	1474	47.38	1335	32.62	1244	34.33	18.5
17TH-09-01-33	451	417	217	1.92	20.05	0.0972	0.0022	2.5174	0.1062	0.1861	0.0048	0.6052	1572	42.59	1277	30.67	1100	25.83	42.9
17TH-09-01-35	333	230	202	1.14	15.2	0.1047	0.0012	3.9021	0.1400	0.2704	0.0102	1.0557	1710	21.76	1614	29.03	1543	51.98	10.8
17TH-09-01-36	458	194	179	1.08	24.6	0.1690	0.0021	9.1242	0.2631	0.3910	0.0110	0.9719	2548	20.83	2351	26.43	2127	50.79	19.8
17TH-09-01-38	333	266	339	0.79	1.54	0.0813	0.0012	1.9892	0.0576	0.1775	0.0054	1.0595	1229	29.93	1112	19.58	1053	29.82	16.7
17TH-09-01-44	199	364	355	1.02	3.89	0.1015	0.0014	2.7746	0.1077	0.1967	0.0063	0.8261	1654	24.54	1349	29.00	1157	33.99	42.9
17TH-09-01-46	236	166	91.8	1.80	10.00	0.0956	0.0016	3.0495	0.0750	0.2317	0.0054	0.9419	1543	31.64	1420	18.83	1343	28.11	14.8
17TH-09-01-49	311	190	166	1.15	1.42	0.1422	0.0016	6.8571	0.1733	0.3511	0.0099	1.1138	2254	19.29	2093	22.45	1940	47.18	16.2
17TH-09-01-50	591	518	327	1.58	27.0	0.1817	0.0018	7.5806	0.2388	0.3029	0.0094	0.9851	2668	15.28	2183	28.29	1706	46.51	56.4
17TH-09-01-53	193	248	139	1.78	0.0000	0.0897	0.0015	2.4287	0.0760	0.1959	0.0048	0.7833	1420	31.17	1251	22.52	1153	25.89	23.1
17TH-09-01-54	266	269	188	1.43	3.62	0.0956	0.0011	2.8453	0.0709	0.2165	0.0056	1.0429	1540	21.61	1368	18.74	1263	29.82	21.9
17TH-09-01-56	268	218	151	1.44	19.5	0.1055	0.0031	3.1254	0.0832	0.2158	0.0033	0.5664	1724	49.54	1439	20.50	1259	17.26	36.9
17TH-09-01-60	472	464	198	2.35	0.00	0.0808	0.0009	1.9707	0.0338	0.1770	0.0025	0.8148	1217	22.22	1106	11.58	1050	13.56	15.8
17TH-09-01-61	226	278	319	0.87	6.88	0.0748	0.0013	1.4997	0.0399	0.1452	0.0029	0.7550	1065	33.33	930	16.24	874	16.44	21.8
17TH-09-01-63	294	289	158	1.83	37.5	0.0893	0.0019	2.5916	0.0486	0.2107	0.0042	1.0519	1411	41.52	1298	13.76	1233	22.13	14.5
17TH-09-01-65	203	143	98.6	1.45	31.9	0.0920	0.0025	2.4744	0.0822	0.1944	0.0030	0.4598	1533	51.85	1265	24.04	1145	16.04	33.9
17TH-09-01-66	173	386	150	2.57	35.7	0.1075	0.0053	1.9511	0.0718	0.1332	0.0032	0.6502	1767	89.67	1099	24.71	806	18.13	119.2
17TH-09-01-70	414	319	274	1.16	13.7	0.1239	0.0027	3.5497	0.1018	0.2073	0.0041	0.6914	2013	37.50	1538	22.75	1215	21.97	65.7
17TH-09-01-72	359	387	353	1.10	39.5	0.1080	0.0029	2.1071	0.0544	0.1428	0.0051	1.3748	1766	48.92	1151	17.79	861	28.59	105.2
17TH-09-01-74	37.6	124	156	0.80	0.0000	0.0557	0.0019	0.3002	0.0132	0.0389	0.0008	0.4437	443	75.92	267	10.32	246	4.71	80.1
17TH-09-01-77	399	269	200	1.34	10.25	0.1012	0.0024	3.5441	0.0817	0.2551	0.0068	1.1623	1647	-154.48	1537	18.29	1465	35.13	12.4
17TH-09-01-79	127	118	134	0.88	5.94	0.0841	0.0036	2.1005	0.1004	0.1806	0.0036	0.4177	1295	82.56	1149	32.89	1070	19.69	21.0
17TH-09-01-81	200	324	158	2.05	7.6	0.0795	0.0018	1.5141	0.0464	0.1387	0.0058	1.3611	1185	44.44	936	18.74	837	32.74	41.5
17TH-09-01-82	286	248	231	1.08	25.8	0.0945	0.0018	2.7900	0.0651	0.2144	0.0052	1.0486	1518	35.34	1353	17.46	1252	27.86	21.2
17TH-09-01-83	346	403	288	1.40	12.77	0.0962	0.0017	2.6210	0.0770	0.1976	0.0056	0.9653	1554	34.72	1307	21.62	1162	30.18	33.7
17TH-09-01-84	349	345	230	1.50	4.63	0.0848	0.0014	2.3209	0.0571	0.1983	0.0042	0.8543	1322	31.48	1219	17.48	1166	22.43	13.4
17TH-09-01-85	522	706	431	1.64	25.4	0.1087	0.0018	2.9936	0.0816	0.1997	0.0048	0.8898	1777	31.33	1406	20.77	1174	26.03	51.5
17TH-09-01-86	132	171	99.2	1.72	5.12	0.0793	0.0011	1.8728	0.0490	0.1717	0.0048	1.0737	1189	25.92	1072	17.34	1021	26.54	16.4
17TH-09-01-87	118	400	436	0.92	16.3	0.0574	0.0016	0.3040	0.0088	0.0386	0.0010	0.8869	506	61.11	269	6.87	244	6.16	107.3
17TH-09-01-88	269	174	156	1.11	11.2	0.1090	0.0021	3.9928	0.0859	0.2666	0.0062	1.0829	1783	34.88	1633	17.50	1523	31.60	17.1
17TH-09-01-91	378	543	354	1.53	4.39	0.1021	0.0012	2.4709	0.0898	0.1749	0.0058	0.9199	1662	20.53	1264	26.29	1039	32.09	59.9
17TH-09-01-92	210	200	127	1.58	0.10	0.0785	0.0015	1.7283	0.0351	0.1597	0.0026	0.7907	1161	37.04	1019	13.09	955	14.27	21.6
17TH-09-01-93	216	149	102.2	1.46	13.4	0.1014	0.0016	3.4275	0.0841	0.2444	0.0045	0.7556	1650	29.48	1511	19.31	1410	23.49	17.1
17TH-09-01-94	285	195	128	1.52	0.98	0.0999	0.0018	3.3731	0.1038	0.2450	0.0077	1.0236	1633	33.33	1498	24.12	1413	39.95	15.6
17TH-09-01-95	186	136	107	1.26	14.0	0.0892	0.0012	2.6594	0.0485	0.2159	0.0032	0.8235	1409	25.77	1317	13.48	1260	17.19	11.8

17TH-09-01-96	112	74.8	86.6	0.86	6.25	0.0868	0.0020	2.3878	0.0594	0.1995	0.0033	0.6691	1367	44.75	1239	17.82	1172	17.85	16.6
17TH-09-01-97	235	161	195	0.83	7.34	0.0880	0.0013	2.5113	0.0550	0.2071	0.0050	1.0969	1383	28.24	1275	15.92	1213	26.56	14.0
17TH-09-01-98	439	358	313	1.14	15.0	0.0800	0.0013	1.8704	0.0446	0.1698	0.0049	1.1988	1196	31.48	1071	15.80	1011	26.76	18.3
17TH-09-01-99	434	526	241	2.18	0.0000	0.0883	0.0017	2.1980	0.0813	0.1817	0.0073	1.0891	1391	38.12	1180	25.83	1076	39.93	29.2
17TH-09-01-100	33.6	110	185	0.59	0.0000	0.0531	0.0012	0.2653	0.0060	0.0363	0.0006	0.6979	332	51.85	239	4.79	230	3.55	44.2
17TH-09-01-101	107	134	133	1.01	3.35	0.0926	0.0017	2.0970	0.0377	0.1645	0.0031	1.0443	1481	29.47	1148	12.38	982	17.11	50.8
17TH-09-01-104	343	177	152	1.16	91.2	0.1898	0.0021	11.8358	0.1860	0.4541	0.0093	1.2993	2743	17.13	2591	14.82	2413	41.12	13.6
17TH-09-01-105	160	199	196	1.02	0.0000	0.0913	0.0013	2.8124	0.0423	0.2236	0.0024	0.7127	1454	27.01	1359	11.31	1301	12.66	11.7
17TH-09-01-106	253	184	198	0.93	27.2	0.1204	0.0016	4.3269	0.1328	0.2626	0.0089	1.1070	1962	22.99	1698	25.34	1503	45.57	30.5
17TH-09-01-107	158	168	97.5	1.72	0.0000	0.0782	0.0015	1.8902	0.0449	0.1754	0.0029	0.6935	1154	34.26	1078	15.81	1042	15.87	10.7
17TH-09-01-109	230	171	176	0.97	25.9	0.0971	0.0012	3.0094	0.0645	0.2251	0.0055	1.1448	1569	24.07	1410	16.35	1309	29.06	19.9
17TH-09-01-110	393	130	234	0.56	29.5	0.2878	0.0028	20.2119	0.3525	0.5091	0.0081	0.9101	3406	14.94	3102	17.01	2653	34.55	28.4
17TH-09-01-111	273	182	207	0.88	88.5	0.1169	0.0025	4.7039	0.0832	0.2923	0.0041	0.7953	1909	37.19	1768	14.86	1653	20.53	15.5
17TH-09-01-112	378	708	901	0.79	96.9	0.0819	0.0017	1.0765	0.0811	0.0933	0.0051	0.7277	1243	8.34	742	39.66	575	30.17	116.0
17TH-09-01-113	146	536	522	1.03	0.0000	0.0854	0.0016	1.4500	0.0302	0.1233	0.0020	0.7949	1325	36.27	910	12.53	750	11.72	76.7
17TH-09-01-116	166	132	89.0	1.48	16.7	0.1072	0.0018	3.6801	0.0560	0.2498	0.0036	0.9594	1754	30.87	1567	12.20	1438	18.84	22.0
17TH-09-01-117	183	143	164	0.87	6.75	0.0949	0.0015	2.9449	0.0648	0.2255	0.0046	0.9223	1526	28.24	1394	16.70	1311	24.08	16.4
17TH-09-01-118	188	186	130	1.43	5.27	0.0822	0.0021	2.0115	0.0503	0.1776	0.0026	0.5746	1251	16.51	1119	16.98	1054	13.99	18.7
17TH-09-01-121	225	282	261	1.08	69.2	0.0918	0.0015	2.5111	0.0876	0.1981	0.0054	0.7820	1463	31.48	1275	25.34	1165	29.08	25.5
17TH-09-01-122	129	82.1	410	0.20	0.0000	0.0810	0.0010	1.9376	0.0387	0.1731	0.0021	0.6102	1233	24.53	1094	13.39	1029	11.61	19.8
17TH-09-01-124	160	97.5	311	0.31	37.6	0.1034	0.0012	3.4247	0.0530	0.2404	0.0035	0.9425	1687	21.15	1510	12.22	1389	18.26	21.5
17TH-09-01-125	299	422	260	1.62	63.7	0.0802	0.0011	1.9410	0.0379	0.1755	0.0026	0.7600	1267	27.78	1095	13.12	1042	14.31	21.5
17TH-09-01-127	125	95.2	110	0.86	20.7	0.1028	0.0014	3.0611	0.0693	0.2156	0.0034	0.6883	1676	25.77	1423	17.36	1259	17.83	33.1
17TH-09-01-129	121	84.4	81.2	1.04	0.58	0.0967	0.0016	3.0449	0.0486	0.2287	0.0032	0.8643	1561	30.09	1419	12.25	1328	16.59	17.6
17TH-09-01-133	411	444	608	0.73	40.9	0.0902	0.0011	2.0583	0.1357	0.1647	0.0105	0.9650	1431	23.77	1135	45.06	983	58.00	45.6
17TH-09-01-134	398	505	220	2.29	34.6	0.0923	0.0013	2.4682	0.0856	0.1934	0.0057	0.8445	1474	23.15	1263	25.07	1140	30.59	29.3
17TH-09-01-136	181	210	104	2.02	135	0.1342	0.0070	4.1147	0.2298	0.2230	0.0068	0.5500	2154	90.59	1657	45.64	1297	36.11	66.0
17TH-09-01-137	467	423	236	1.79	42.9	0.0976	0.0026	3.0738	0.1313	0.2251	0.0040	0.4140	1589	49.84	1426	32.74	1309	20.95	21.4
17TH-09-01-139	589	668	647	1.03	16.8	0.0998	0.0012	2.6470	0.2057	0.1908	0.0141	0.9497	1620	22.22	1314	57.28	1126	76.24	43.9
17TH-09-01-48	103	390	291	1.34	5.01	0.0508	0.0010	0.2453	0.0054	0.0351	0.0006	0.8182	232	46.29	223	4.43	222	3.96	4.1