

Grain No.	$^{238}\text{U}/^{235}\text{U}$		$^{238}\text{U}/^{207}\text{Pb}$ age (Ma)		Th/U	$^{206}\text{Pb}/^{238}\text{U}$		Grain No.	$^{238}\text{U}/^{235}\text{U}$		$^{238}\text{U}/^{207}\text{Pb}$ age (Ma)		Th/U	$^{206}\text{Pb}/^{238}\text{U}$	
	$^{207}\text{Pb}/^{235}\text{U}$	$^{206}\text{Pb}/^{238}\text{U}$	$^{207}\text{Pb}/^{235}\text{U}$	$^{206}\text{Pb}/^{238}\text{U}$					$^{207}\text{Pb}/^{235}\text{U}$	$^{206}\text{Pb}/^{238}\text{U}$	$^{207}\text{Pb}/^{235}\text{U}$	$^{206}\text{Pb}/^{238}\text{U}$			
Sample 15111701															
15111701-001	0.02883 ± 0.00223	0.3314 ± 0.0044	183.2 ± 14.2	290.7 ± 38.9	0.59	2.74		15111701-051	0.02581 ± 0.00067	0.1812 ± 0.0085	164.3 ± 4.2	169.1 ± 7.9	0.22	0.29	
15111701-002	0.03419 ± 0.00276	0.2838 ± 0.0503	216.7 ± 17.5	253.7 ± 45.0	0.48	2.19		15111701-052	0.02135 ± 0.00062	0.1483 ± 0.0114	136.2 ± 3.9	140.4 ± 10.8	0.59	2.39	
15111701-003	0.03199 ± 0.02304	4.9978 ± 0.3886	1789.7 ± 128.8	1818.9 ± 141.4	0.88	1.38		15111701-053	0.05248 ± 0.00148	1.7446 ± 0.0771	329.7 ± 9.3	1025.1 ± 45.3	0.36	22.90	
15111701-004	0.03065 ± 0.02180	4.8391 ± 0.3688	1709.4 ± 122.7	1791.7 ± 136.5	0.46	1.03		15111701-054	0.51701 ± 0.01310	11.8451 ± 0.3897	2686.5 ± 68.1	2592.1 ± 85.3	0.47	0.00	
15111701-005	0.01766 ± 0.00129	0.1184 ± 0.0122	112.9 ± 8.2	113.6 ± 11.7	1.21	0.00		15111701-055	0.01988 ± 0.00062	0.1522 ± 0.0139	126.9 ± 4.0	143.9 ± 13.1	0.98	0.81	
15111701-006	0.02818 ± 0.00208	0.4530 ± 0.0424	179.2 ± 13.2	379.4 ± 35.5	0.75	1.17		15111701-056	0.01984 ± 0.00061	0.1413 ± 0.0127	126.6 ± 3.9	134.2 ± 12.1	0.98	0.00	
15111701-007	0.32197 ± 0.02301	4.9144 ± 0.3608	1799.3 ± 128.6	1804.7 ± 132.5	0.59	0.00		15111701-057	0.02799 ± 0.00102	0.2539 ± 0.0175	177.9 ± 6.5	229.8 ± 15.9	0.33	0.00	
15111701-008	0.28226 ± 0.02022	4.6415 ± 0.3422	1602.7 ± 114.8	1756.7 ± 129.5	0.28	0.55		15111701-058	0.14968 ± 0.00549	2.2577 ± 0.1386	899.2 ± 33.0	1199.2 ± 73.6	0.82	0.46	
15111701-009	0.35647 ± 0.00631	5.6357 ± 0.1532	1965.4 ± 34.8	1921.5 ± 52.2	0.42	0.01		15111701-059	0.04218 ± 0.00155	0.2996 ± 0.0239	266.3 ± 9.8	266.0 ± 21.2	0.49	0.00	
15111701-010	0.28857 ± 0.00539	4.3305 ± 0.1423	1634.4 ± 30.6	1699.1 ± 55.8	0.44	0.29		15111701-060	0.02692 ± 0.00100	0.1797 ± 0.0152	171.3 ± 6.4	167.8 ± 14.2	0.21	0.50	
15111701-011	0.03095 ± 0.00063	0.1965 ± 0.0112	196.5 ± 4.0	182.2 ± 10.4	0.39	0.76		15111701-061	0.03279 ± 0.00129	0.2713 ± 0.0259	208.0 ± 8.2	243.7 ± 23.3	0.64	0.76	
15111701-012	0.03433 ± 0.00123	0.2651 ± 0.0371	217.6 ± 7.8	238.7 ± 33.4	0.93	8.16		15111701-062	0.32577 ± 0.01112	5.2454 ± 0.2206	1817.8 ± 62.1	1860.0 ± 78.2	0.55	0.05	
15111701-013	0.02877 ± 0.00119	0.4923 ± 0.0591	182.8 ± 7.6	406.4 ± 48.8	0.39	5.17		15111701-063	0.29592 ± 0.01013	4.6533 ± 0.1998	1671.1 ± 57.2	1758.8 ± 75.5	0.31	0.15	
15111701-014	0.32958 ± 0.00613	5.2284 ± 0.1666	1836.4 ± 34.2	1857.2 ± 59.2	0.60	0.00		15111701-064	0.03065 ± 0.00124	0.3234 ± 0.0399	194.6 ± 7.9	284.5 ± 27.2	0.86	2.95	
15111701-015	0.45918 ± 0.00891	9.5470 ± 0.3153	2435.9 ± 47.3	2392.0 ± 79.0	1.37	0.00		15111701-065	0.38126 ± 0.00395	8.1278 ± 0.2171	2082.2 ± 21.6	2245.3 ± 60.0	0.10	0.00	
15111701-016	0.31991 ± 0.00554	4.9719 ± 0.1249	1789.3 ± 31.0	1814.5 ± 45.6	0.22	0.00		15111701-066	0.32837 ± 0.00329	5.7088 ± 0.1509	1830.5 ± 18.4	1932.6 ± 51.1	0.36	0.00	
15111701-017	0.01733 ± 0.00042	0.1331 ± 0.0131	110.8 ± 2.7	126.9 ± 12.5	0.75	1.93		15111701-067	0.33454 ± 0.00334	5.4708 ± 0.1451	1860.3 ± 18.6	1895.9 ± 50.3	0.10	0.00	
15111701-018	0.02998 ± 0.00062	0.2086 ± 0.0176	190.4 ± 4.0	192.3 ± 16.3	0.43	2.80		15111701-068	0.32634 ± 0.00326	5.6548 ± 0.1489	1820.6 ± 18.2	1924.4 ± 50.7	1.00	0.00	
15111701-019	0.32336 ± 0.00394	4.9981 ± 0.1249	1806.1 ± 22.0	1818.9 ± 45.4	0.23	0.42		15111701-069	0.21517 ± 0.00260	3.2892 ± 0.1146	1256.3 ± 15.2	1478.4 ± 51.5	2.03	8.71	
15111701-020	0.31516 ± 0.00373	4.9359 ± 0.1146	1766.0 ± 20.9	1808.4 ± 42.0	0.23	0.11		15111701-070	0.41055 ± 0.00467	7.6298 ± 0.2338	2217.4 ± 25.2	2188.3 ± 67.0	0.58	0.17	
15111701-021	0.33310 ± 0.00381	5.1553 ± 0.1090	1853.4 ± 21.2	1845.2 ± 39.0	0.09	0.00		15111701-071	0.30942 ± 0.00325	4.8457 ± 0.1392	1737.8 ± 18.3	1792.8 ± 51.5	0.33	0.00	
15111701-022	0.02918 ± 0.00044	0.2061 ± 0.0108	185.4 ± 2.8	190.3 ± 10.0	0.29	0.80		15111701-072	0.02910 ± 0.00102	0.2094 ± 0.0340	184.9 ± 6.5	190.3 ± 31.4	0.71	0.00	
15111701-023	0.31542 ± 0.00354	4.9297 ± 0.0980	1767.3 ± 19.8	1807.3 ± 35.9	0.23	0.00		15111701-073	0.02736 ± 0.00203	0.1997 ± 0.0191	174.0 ± 12.9	184.9 ± 17.6	0.21	1.32	
15111701-024	0.02077 ± 0.00048	0.1686 ± 0.0153	132.5 ± 3.1	158.2 ± 14.3	0.99	0.00		15111701-074	0.27819 ± 0.02034	4.4401 ± 0.3293	1582.2 ± 115.7	1719.8 ± 127.5	0.27	0.10	
15111701-025	0.04506 ± 0.00110	0.3230 ± 0.0284	284.1 ± 6.9	284.2 ± 25.0	0.89	0.15		15111701-075	0.32489 ± 0.02387	4.7940 ± 0.3731	1813.6 ± 133.3	1783.8 ± 138.8	0.86	0.01	
15111701-026	0.02948 ± 0.00055	0.1976 ± 0.0099	187.3 ± 3.5	183.1 ± 9.1	0.10	0.00		15111701-076	0.30989 ± 0.02367	4.8229 ± 0.3588	1740.2 ± 127.3	1788.8 ± 133.1	1.11	0.08	
15111701-027	0.03237 ± 0.00098	0.3970 ± 0.0383	205.4 ± 6.2	339.4 ± 32.8	0.59	6.18		15111701-077	0.02894 ± 0.00214	0.1671 ± 0.0156	183.9 ± 13.6	156.9 ± 14.7	0.19	0.00	
15111701-028	0.04158 ± 0.00112	0.2762 ± 0.0292	262.6 ± 7.0	247.7 ± 26.1	0.35	0.00		15111701-078	0.03656 ± 0.00287	0.2679 ± 0.0402	231.5 ± 18.1	241.0 ± 36.2	0.79	0.00	
15111701-029	0.01692 ± 0.00052	0.1131 ± 0.0144	108.2 ± 3.3	108.8 ± 13.8	0.48	0.00		15111701-079	0.31306 ± 0.02291	4.9630 ± 0.3709	1755.8 ± 128.5	1813.0 ± 35.5	0.20	0.16	
15111701-030	0.03519 ± 0.00108	0.1959 ± 0.0270	223.0 ± 6.8	181.6 ± 25.1	0.86	3.47		15111701-080	0.43368 ± 0.03176	9.0217 ± 0.6753	2322.3 ± 170.1	2340.1 ± 175.2	0.26	0.49	
15111701-031	0.03173 ± 0.00101	0.2135 ± 0.0285	201.4 ± 6.4	196.4 ± 26.2	0.69	0.00		15111701-081	0.33344 ± 0.01394	6.5063 ± 0.2984	1855.0 ± 77.6	2046.7 ± 93.9	0.32	0.00	
15111701-032	0.31929 ± 0.00585	5.0961 ± 0.1918	1786.2 ± 32.7	1835.4 ± 69.1	0.54	0.55		15111701-082	0.01774 ± 0.00096	0.2501 ± 0.0315	113.4 ± 6.1	226.6 ± 28.5	0.55	7.98	
15111701-033	0.03713 ± 0.00060	0.2638 ± 0.0147	235.0 ± 3.8	237.7 ± 13.3	0.30	0.00		15111701-083	0.03639 ± 0.00271	0.7547 ± 0.0415	398.0 ± 16.9	570.9 ± 31.4	0.13	0.00	
15111701-034	0.32863 ± 0.00408	5.4024 ± 0.1177	1831.7 ± 22.8	1885.2 ± 41.1	0.67	0.00		15111701-084	0.31093 ± 0.01301	4.8380 ± 0.2249	1745.3 ± 73.0	1791.5 ± 83.3	0.06	0.00	
15111701-035	0.02666 ± 0.00044	0.1746 ± 0.0103	169.6 ± 2.8	163.4 ± 9.6	0.28	0.00		15111701-085	0.33647 ± 0.01405	5.3269 ± 0.2441	1869.7 ± 78.1	1873.1 ± 85.8	0.15	0.00	
15111701-036	0.02697 ± 0.00043	0.1838 ± 0.0103	171.6 ± 2.8	171.3 ± 9.6	0.30	0.00		15111701-086	0.25969 ± 0.01108	4.4250 ± 0.2235	1488.3 ± 63.5	1685.0 ± 88.5	0.27	0.00	
15111701-037	0.30396 ± 0.00416	4.6241 ± 0.1344	1710.9 ± 23.4	1753.6 ± 51.0	0.47	0.06		15111701-087	0.02611 ± 0.00112	0.1810 ± 0.0116	166.1 ± 7.1	168.9 ± 10.9	0.16	0.00	
15111701-038	0.02976 ± 0.00052	0.2076 ± 0.0132	189.0 ± 3.3	191.6 ± 12.2	0.24	0.00		15111701-088	0.02800 ± 0.00124	0.2052 ± 0.0161	178.0 ± 7.9	189.5 ± 14.9	0.12	0.00	
15111701-039	0.03996 ± 0.00063	0.2949 ± 0.0155	252.6 ± 4.0	262.4 ± 13.8	0.03	0.00		15111701-089	0.03330 ± 0.00397	0.5985 ± 0.1837	211.2 ± 25.1	476.3 ± 146.2	1.21	1.73	
15111701-040	0.01728 ± 0.00051	0.1394 ± 0.0168	110.4 ± 3.3	132.5 ± 16.0	0.92	0.00		15111701-090	0.02808 ± 0.00262	0.3762 ± 0.1021	178.5 ± 16.7	216.1 ± 93.0	0.54	4.71	
15111701-041	0.04440 ± 0.00088	0.3077 ± 0.0200	280.1 ± 5.5	272.4 ± 17.7	0.40	1.21		15111701-091	0.25300 ± 0.00950	2.9122 ± 0.2248	1453.9 ± 54.6	1617.0 ± 92.8	0.15	0.00	
15111701-042	0.03116 ± 0.00081	0.2271 ± 0.0231	197.8 ± 5.2	207.8 ± 21.2	0.63	0.00		15111701-092	0.02888 ± 0.00149	0.2574 ± 0.0473	183.5 ± 9.5	232.5 ± 42.7	0.99	7.94	
15111701-043	0.19591 ± 0.00324	3.1277 ± 0.0995	1153.3 ± 19.0	1439.5 ± 45.8	0.37	0.12		15111701-093	0.03027 ± 0.00140	0.2617 ± 0.0400	192.3 ± 8.9	236.1 ± 36.0	0.31	2.83	
15111701-044	0.03096 ± 0.00059	0.2300 ± 0.0135	196.6 ± 3.7	210.2 ± 12.4	0.74	0.88		15111701-094	0.02910 ± 0.00410	0.1971 ± 0.1635	184.9 ± 26.0	182.6 ± 151.5	0.68	6.99	
15111701-045	0.03523 ± 0.00142	0.2724 ± 0.0470	223.2 ± 9.0	244.6 ± 42.2	0.67	4.99		15111701-095	0.02701 ± 0.00259	0.2015 ± 0.1000	171.8 ± 16.5	186.4 ± 92.5	0.43	1.11	
15111701-046	0.04268 ± 0.00127	0.3610 ± 0.0409	269.4 ± 8.0	312.9 ± 35.4	0.54	5.05		15111701-096	0.16121 ± 0.00810	1.4231 ± 0.2404	963.5 ± 48.4	898.6 ± 151.8	0.48	0.00	
15111701-047	0.33275 ± 0.00508	6.3425 ± 0.1519	1851.7 ± 28.3	2024.3 ± 48.5	0.45	0.03		15111701-097	0.03230 ± 0.00144	0.2362 ± 0.0229	205.0 ± 9.1	215.3 ± 20.9	0.52	4.88	
15111701-048	0.03573 ± 0.00063	0.2592 ± 0.0128	226.3 ± 4.0	234.0 ± 11.5	0.16	0.00									

Grain No.	$^{206}\text{Pb}/^{238}\text{U}$	$^{207}\text{Pb}/^{235}\text{U}$	$^{238}\text{U}/^{206}\text{Pb}$ age (Ma)	$^{235}\text{U}/^{207}\text{Pb}$ age (Ma)	Th/U	^{206}Pbc	Grain No.	$^{206}\text{Pb}/^{238}\text{U}$	$^{207}\text{Pb}/^{235}\text{U}$	$^{238}\text{U}/^{206}\text{Pb}$ age (Ma)	$^{235}\text{U}/^{207}\text{Pb}$ age (Ma)	Th/U	^{206}Pbc
15111701-102	0.30973 ± 0.01250	4.9377 ± 0.2184	1739.4 ± 70.2	1808.7 ± 80.0	0.12	0.00	15111701-153	0.25976 ± 0.00190	4.0123 ± 0.0745	1488.6 ± 10.9	1636.6 ± 30.4	0.10	0.24
15111701-103	0.01898 ± 0.00081	0.1529 ± 0.0114	121.2 ± 5.2	144.4 ± 10.8	0.56	1.14	15111701-154	0.03042 ± 0.00045	0.2151 ± 0.0137	193.2 ± 2.8	197.8 ± 12.6	0.21	0.93
15111701-104	0.03136 ± 0.00137	0.2128 ± 0.0193	199.0 ± 8.7	195.9 ± 17.7	0.40	3.68	15111701-155	0.02987 ± 0.00049	0.2971 ± 0.0185	189.7 ± 3.1	264.1 ± 16.4	0.35	1.69
15111701-105	0.01743 ± 0.00076	0.1475 ± 0.0151	111.4 ± 4.9	139.7 ± 14.3	0.65	8.66	15111701-156	0.26736 ± 0.00201	4.7866 ± 0.0897	1527.4 ± 11.5	1782.5 ± 33.4	0.19	2.15
15111701-106	0.32696 ± 0.01249	5.1423 ± 0.2345	1823.6 ± 69.6	1843.1 ± 84.0	0.65	0.00	15111701-157	0.02950 ± 0.00044	0.4226 ± 0.0203	187.4 ± 2.8	357.9 ± 17.2	0.32	5.19
15111701-107	0.27880 ± 0.01063	4.4021 ± 0.1990	1585.3 ± 60.5	1712.7 ± 77.4	0.47	0.00	15111701-158	0.28160 ± 0.00216	4.5192 ± 0.0896	1599.4 ± 12.3	1734.5 ± 34.4	0.35	0.05
15111701-108	0.03291 ± 0.00133	0.2283 ± 0.0178	208.7 ± 8.4	208.9 ± 16.3	1.05	0.33	15111701-159	0.39237 ± 0.00308	6.0410 ± 0.1253	2133.8 ± 16.8	1981.7 ± 41.1	0.30	0.00
15111701-109	0.03092 ± 0.00127	0.2226 ± 0.0187	196.3 ± 8.0	204.1 ± 17.2	0.61	1.59	15111701-160	0.37974 ± 0.00278	6.0213 ± 0.1113	2075.1 ± 15.2	1978.9 ± 36.6	0.30	0.35
15111701-110	0.33540 ± 0.01285	5.4104 ± 0.2518	1864.5 ± 71.4	1886.4 ± 87.8	0.25	0.37	15111701-161	0.02806 ± 0.00034	0.1931 ± 0.0087	178.4 ± 2.1	179.3 ± 8.1	0.44	0.53
15111701-111	0.02887 ± 0.00121	0.2071 ± 0.0193	183.5 ± 7.7	191.1 ± 17.8	0.45	0.00	15111701-162	0.02525 ± 0.00027	0.1755 ± 0.0067	160.7 ± 1.7	164.2 ± 6.3	0.92	0.00
15111701-112	0.32065 ± 0.01256	5.3751 ± 0.2848	1792.9 ± 70.2	1880.8 ± 99.7	0.70	0.05	15111701-163	0.02762 ± 0.00049	0.2204 ± 0.0158	175.6 ± 3.1	202.2 ± 14.5	1.30	0.78
15111701-113	0.04604 ± 0.00177	0.4075 ± 0.0473	290.2 ± 11.1	347.1 ± 40.3	0.61	0.00	15111701-164	0.03310 ± 0.00054	0.2349 ± 0.0159	209.9 ± 3.4	214.2 ± 14.5	1.48	0.00
15111701-114	0.01701 ± 0.00057	0.1510 ± 0.0126	108.8 ± 3.6	142.7 ± 11.9	1.08	0.00	15111701-165	0.02940 ± 0.00033	0.2251 ± 0.0089	186.8 ± 2.1	206.1 ± 8.2	0.13	0.19
15111701-115	0.28229 ± 0.00819	4.3010 ± 0.1942	1602.9 ± 46.5	1693.5 ± 76.5	0.35	0.00	15111701-166	0.01892 ± 0.00051	0.1495 ± 0.0172	120.8 ± 3.2	141.5 ± 8.6	0.68	4.64
15111701-116	0.04018 ± 0.00125	0.2876 ± 0.0207	253.9 ± 7.9	256.6 ± 18.5	0.15	0.00	15111701-167	0.03074 ± 0.00061	0.2302 ± 0.0191	195.2 ± 3.8	210.4 ± 17.4	0.78	0.88
15111701-117	0.11140 ± 0.00327	1.0711 ± 0.0550	680.9 ± 20.0	739.3 ± 38.0	0.26	0.09	15111701-168	0.43014 ± 0.00383	8.0226 ± 0.1232	2306.4 ± 20.6	2233.5 ± 34.3	0.14	0.00
15111701-118	0.36055 ± 0.01039	6.4524 ± 0.2790	1984.8 ± 57.2	2039.4 ± 88.2	0.19	0.00	15111701-169	0.02065 ± 0.00063	0.1394 ± 0.0198	131.7 ± 4.0	132.5 ± 18.9	1.15	2.02
15111701-119	0.03951 ± 0.00148	0.3227 ± 0.0368	249.8 ± 9.4	283.9 ± 32.4	0.14	0.00	15111701-170	0.04317 ± 0.00137	0.3110 ± 0.0448	272.5 ± 8.7	275.0 ± 39.6	0.65	5.63
15111701-120	0.02675 ± 0.00081	0.1904 ± 0.0122	170.2 ± 5.2	176.9 ± 11.3	0.39	0.40	15111701-171	0.02793 ± 0.00049	0.1907 ± 0.0107	177.6 ± 3.1	177.2 ± 10.0	0.37	0.19
15111701-121	0.02970 ± 0.00082	0.2393 ± 0.0196	188.7 ± 5.2	217.8 ± 17.9	0.48	0.00	15111701-172	0.33196 ± 0.00493	5.3346 ± 0.1364	1847.9 ± 27.4	1874.4 ± 47.9	0.31	0.22
15111701-122	0.03295 ± 0.00083	0.2201 ± 0.0150	209.0 ± 5.3	202.0 ± 13.8	0.53	0.00	15111701-173	0.43356 ± 0.00607	11.6182 ± 0.2395	2321.7 ± 32.5	2574.0 ± 53.1	0.30	0.10
15111701-123	0.02678 ± 0.00084	0.1628 ± 0.0190	170.4 ± 5.3	153.1 ± 17.9	0.67	0.33	15111701-174	0.44784 ± 0.00670	10.1559 ± 0.2482	2385.6 ± 35.7	2449.0 ± 59.9	0.64	0.02
15111701-124	0.02709 ± 0.00069	0.2402 ± 0.0152	172.3 ± 4.4	218.6 ± 13.9	0.53	0.73	15111701-175	0.02911 ± 0.00056	0.3116 ± 0.0175	185.0 ± 3.6	275.4 ± 15.5	0.97	1.66
15111701-125	0.03769 ± 0.00114	0.2761 ± 0.0281	238.5 ± 7.2	247.6 ± 25.2	0.28	0.00	15111701-176	0.40571 ± 0.00588	10.5286 ± 0.2365	2195.3 ± 31.8	2482.4 ± 55.8	0.13	0.03
15111701-126	0.33169 ± 0.00734	5.1557 ± 0.1795	1846.6 ± 40.9	1845.3 ± 64.2	0.28	0.00	15111701-177	0.03543 ± 0.00056	0.3226 ± 0.0171	224.4 ± 3.5	283.9 ± 15.0	0.30	0.00
15111701-127	0.37619 ± 0.00835	6.4160 ± 0.2251	2058.5 ± 45.7	2034.4 ± 71.4	0.20	0.00	15111701-178	0.02973 ± 0.00055	0.4784 ± 0.0255	188.9 ± 3.5	396.9 ± 21.2	0.34	9.66
15111701-128	0.02786 ± 0.00071	0.1967 ± 0.0138	177.2 ± 4.5	182.3 ± 12.8	0.46	0.00	15111701-179	0.03572 ± 0.00044	0.2671 ± 0.0097	226.2 ± 2.8	240.4 ± 8.8	0.33	0.00
15111701-129	0.03376 ± 0.00087	0.6930 ± 0.0418	214.1 ± 5.5	532.8 ± 32.3	0.44	0.00	15111701-180	0.04394 ± 0.00083	0.4215 ± 0.0280	277.2 ± 5.2	357.1 ± 23.7	0.44	0.00
15111701-130	0.03278 ± 0.00071	0.2737 ± 0.0165	207.9 ± 4.5	245.6 ± 14.8	0.52	1.49	15111701-181	0.04540 ± 0.00103	0.5710 ± 0.0433	280.7 ± 6.5	458.6 ± 34.8	0.60	0.00
15111701-131	0.04416 ± 0.00134	0.3565 ± 0.0391	278.6 ± 8.5	309.6 ± 34.0	0.10	4.22	15111701-182	0.02973 ± 0.00049	0.2045 ± 0.0129	188.9 ± 3.1	188.9 ± 11.9	0.34	0.00
15111701-132	0.03165 ± 0.00072	0.2493 ± 0.0173	200.8 ± 4.6	226.0 ± 15.7	0.03	1.72	15111701-183	0.38075 ± 0.00527	6.1792 ± 0.2119	2079.8 ± 28.8	2001.4 ± 68.6	0.32	0.79
15111701-133	0.04460 ± 0.00117	0.3093 ± 0.0292	281.3 ± 7.4	273.6 ± 25.9	0.55	0.00	15111701-184	0.02842 ± 0.00039	0.1984 ± 0.0090	180.7 ± 2.5	183.7 ± 8.3	0.35	0.71
15111701-134	0.05304 ± 0.00112	0.6011 ± 0.0311	333.2 ± 7.1	477.9 ± 24.7	0.08	0.18	15111701-185	0.03211 ± 0.00100	0.2624 ± 0.0213	203.7 ± 6.3	236.6 ± 19.2	0.50	1.21
15111701-135	0.25382 ± 0.00454	4.0867 ± 0.1142	1458.1 ± 26.1	1651.6 ± 46.2	0.09	0.33	15111701-186	0.04451 ± 0.00163	0.3082 ± 0.0386	280.7 ± 10.3	272.8 ± 34.2	0.46	0.00
15111701-136	0.32748 ± 0.00580	5.2472 ± 0.1399	1826.2 ± 32.3	1860.3 ± 49.6	0.57	4.00	15111701-187	0.01789 ± 0.00058	0.1488 ± 0.0134	114.3 ± 3.7	140.8 ± 12.7	0.68	1.92
15111701-137	0.04138 ± 0.00208	0.2810 ± 0.0207	261.4 ± 13.2	251.4 ± 18.5	0.12	0.00	15111701-188	0.03728 ± 0.00118	0.2438 ± 0.0226	236.0 ± 7.5	221.5 ± 20.6	0.47	4.63
15111701-138	0.02792 ± 0.00140	0.2050 ± 0.0146	177.5 ± 8.9	189.4 ± 13.5	0.29	0.00	15111701-189	0.02800 ± 0.00083	0.2429 ± 0.0168	178.0 ± 5.3	220.8 ± 15.3	1.13	2.54
15111701-139	0.02124 ± 0.00108	0.2020 ± 0.0145	135.5 ± 6.9	186.8 ± 13.4	0.51	3.40	15111701-190	0.03252 ± 0.00132	0.2499 ± 0.0360	206.3 ± 8.4	226.5 ± 32.6	0.83	0.00
15111701-140	0.30477 ± 0.01503	4.8211 ± 0.2582	1714.9 ± 84.5	1788.5 ± 95.8	0.32	0.00	15111701-191	0.02823 ± 0.00079	0.2047 ± 0.0122	179.5 ± 5.0	189.1 ± 11.2	0.36	1.58
15111701-141	0.30632 ± 0.01509	4.9058 ± 0.2614	1722.6 ± 84.9	1803.2 ± 96.1	0.27	0.00	15111701-192	0.03306 ± 0.00129	0.3083 ± 0.0382	209.7 ± 8.2	272.9 ± 33.8	1.20	3.99
15111701-142	0.27907 ± 0.01376	4.4532 ± 0.2387	1586.7 ± 78.2	1722.2 ± 92.3	0.21	0.10	15111701-193	0.02943 ± 0.00056	0.1891 ± 0.0130	180.7 ± 3.6	175.9 ± 12.1	0.60	1.34
15111701-143	0.03086 ± 0.00155	0.2289 ± 0.0166	195.9 ± 9.9	209.3 ± 15.2	0.41	0.00	15111701-194	0.12833 ± 0.00188	1.2534 ± 0.0379	778.3 ± 11.4	824.9 ± 25.0	0.21	0.04
15111701-144	0.32950 ± 0.01622	5.2036 ± 0.2743	1836.0 ± 90.4	1853.1 ± 97.7	0.16	0.02	15111701-195	0.02883 ± 0.00064	0.2694 ± 0.0202	183.2 ± 4.1	242.2 ± 18.2	0.48	2.00
15111701-145	0.02986 ± 0.00042	0.2386 ± 0.0128	189.7 ± 2.7	217.3 ± 11.6	0.87	0.01	15111701-196	0.31996 ± 0.00450	4.9774 ± 0.1130	1789.5 ± 25.2	1815.4 ± 41.2	0.17	0.00
15111701-146	0.33115 ± 0.00321	5.2248 ± 0.1231	1844.0 ± 17.9	1856.6 ± 43.7	0.24	0.00	15111701-197	0.02570 ± 0.00047	0.2872 ± 0.0147	163.6 ± 3.0	256.4 ± 13.1	0.17	3.83
15111701-147	0.03166 ± 0.00037	0.2221 ± 0.0097	200.9 ± 2.4	203.6 ± 8.9	0.27	0.00	15111701-198	0.04531 ± 0.00070	0.3292 ± 0.0132	285.7 ± 4.4	288.9 ± 11.6	0.39	0.29
15111701-148	0.01636 ± 0.00057	0.1032 ± 0.0177	104.6 ± 3.7	99.7 ± 17.1	1.00	0.00	15111701-199	0.02706 ± 0.00044	0.2104 ± 0.0095	172.1 ± 2.8	193.9 ± 8.7	0.23	1.00
15111701-149	0.35595 ± 0.00309	5.6292 ± 0.1073	1963.0 ± 17.0	1920.5 ± 36.6	0.04	0.08	15111701-200	0.03397 ± 0.00074	0.2983 ± 0.0222	215.3 ± 4.7	265.0 ± 17.2	0.72	1.21
15111701-150	0.03132 ± 0.00065	0.3021 ± 0.0238	198.8 ± 4.1	268.0 ± 21.1	0.57	0.57							
15111701-151	0.03243 ± 0.00044	0.2259 ± 0.0122	205.7 ± 2.8	206.8 ± 11.1	0.44	0.00							
15111701-152	0.31885 ± 0.00291	5.1162 ± 0.1074	1784.1 ± 16.3	1838.7 ± 38.6	0.47	0.00							

Grain No.	$^{238}\text{U}/^{235}\text{U}$	$^{207}\text{Pb}/^{235}\text{U}$	$^{238}\text{U}/^{206}\text{Pb}$ age (Ma)	$^{235}\text{U}/^{207}\text{Pb}$ age (Ma)	Th/U	$^{206}\text{Pb}/^{238}\text{U}$	Grain No.	$^{238}\text{U}/^{235}\text{U}$	$^{207}\text{Pb}/^{235}\text{U}$	$^{238}\text{U}/^{206}\text{Pb}$ age (Ma)	$^{235}\text{U}/^{207}\text{Pb}$ age (Ma)	Th/U	$^{206}\text{Pb}/^{238}\text{U}$
Sample 15100202							15100202-051	0.23457 ± 0.00328	3.5749 ± 0.0885	1358.4 ± 19.0	1543.9 ± 38.2	0.16	0.00
15100202-001	0.01652 ± 0.00107	0.1130 ± 0.0359	105.6 ± 6.8	108.7 ± 32.6	0.42	0.00	15100202-052	0.03309 ± 0.00120	0.2313 ± 0.0181	209.8 ± 7.6	211.3 ± 16.6	0.88	0.05
15100202-002	0.02818 ± 0.00047	0.2170 ± 0.0129	179.2 ± 3.0	199.4 ± 11.9	0.08	0.00	15100202-053	0.41167 ± 0.00587	8.8892 ± 0.2153	2222.6 ± 31.7	2326.6 ± 56.4	0.37	0.00
15100202-003	0.02295 ± 0.00060	0.1760 ± 0.0189	146.3 ± 3.8	164.6 ± 17.7	0.29	0.00	15100202-054	0.03379 ± 0.00193	0.2516 ± 0.0289	214.2 ± 12.2	227.9 ± 26.2	0.48	0.84
15100202-004	0.04116 ± 0.00080	0.2797 ± 0.0217	260.0 ± 5.1	250.4 ± 19.5	0.65	0.00	15100202-055	0.03515 ± 0.00379	0.2842 ± 0.0570	222.7 ± 24.0	254.0 ± 50.9	0.82	1.06
15100202-005	0.02833 ± 0.00049	0.2228 ± 0.0139	180.1 ± 3.1	204.2 ± 12.8	0.34	2.00	15100202-056	0.03371 ± 0.00184	0.2347 ± 0.0266	223.3 ± 11.7	214.1 ± 24.3	0.70	0.58
15100202-006	0.21148 ± 0.00251	3.1926 ± 0.0756	1236.7 ± 14.6	1455.3 ± 34.5	0.13	0.00	15100202-057	0.03492 ± 0.00111	0.5562 ± 0.0533	211.7 ± 7.1	449.0 ± 43.1	0.98	0.00
15100202-007	0.03064 ± 0.00062	0.2413 ± 0.0184	194.5 ± 3.9	219.5 ± 16.8	0.53	0.51	15100202-058	0.01853 ± 0.00045	0.1411 ± 0.0130	118.4 ± 2.9	134.0 ± 12.3	0.67	1.23
15100202-008	0.29107 ± 0.00388	4.5144 ± 0.1188	1646.9 ± 21.9	1733.6 ± 45.6	0.86	0.53	15100202-059	0.03120 ± 0.00079	0.2112 ± 0.0216	189.1 ± 5.0	194.5 ± 19.9	0.65	0.00
15100202-009	0.03554 ± 0.00066	0.2490 ± 0.0197	225.1 ± 4.2	225.7 ± 17.9	0.38	0.77	15100202-060	0.02983 ± 0.00069	0.2107 ± 0.0188	198.5 ± 4.4	194.1 ± 17.4	0.68	0.00
15100202-010	0.02963 ± 0.00053	0.2042 ± 0.0158	188.2 ± 3.4	188.7 ± 14.6	0.47	0.00	15100202-061	0.04415 ± 0.00090	0.3331 ± 0.0234	278.5 ± 5.6	291.9 ± 25.8	0.38	2.26
15100202-011	0.32492 ± 0.00335	5.1076 ± 0.1356	1813.7 ± 18.7	1837.3 ± 48.8	0.68	0.00	15100202-062	0.30492 ± 0.00458	4.7954 ± 0.1392	1715.7 ± 25.8	1784.0 ± 51.0	0.30	0.00
15100202-012	0.42944 ± 0.00424	8.5362 ± 0.2019	2303.2 ± 22.8	2289.7 ± 54.2	0.48	0.00	15100202-063	0.03432 ± 0.00077	0.2430 ± 0.0206	217.5 ± 4.9	220.9 ± 18.7	0.61	1.78
15100202-013	0.03545 ± 0.00045	0.2544 ± 0.0124	224.6 ± 2.8	230.1 ± 11.2	0.64	0.00	15100202-064	0.03255 ± 0.00062	0.2355 ± 0.0152	206.5 ± 4.0	214.7 ± 13.9	0.53	0.00
15100202-014	0.03967 ± 0.00050	0.2661 ± 0.0132	250.8 ± 3.1	239.6 ± 11.9	0.29	0.00	15100202-065	0.04001 ± 0.00077	0.2700 ± 0.0170	252.9 ± 4.9	242.7 ± 15.3	0.09	0.00
15100202-015	0.03802 ± 0.00120	0.2488 ± 0.0364	240.6 ± 7.6	225.6 ± 33.0	1.11	3.12	15100202-066	0.02737 ± 0.00048	0.3395 ± 0.0132	174.1 ± 3.0	296.8 ± 11.5	0.56	21.22
15100202-016	0.33231 ± 0.00332	6.8939 ± 0.1658	1849.6 ± 18.5	2097.8 ± 50.5	0.32	0.15	15100202-067	0.03248 ± 0.00067	0.2451 ± 0.0168	206.1 ± 4.2	222.6 ± 15.2	0.40	1.44
15100202-017	0.46660 ± 0.00431	10.4110 ± 0.1844	2468.6 ± 22.8	2471.9 ± 43.8	0.78	0.00	15100202-068	0.04236 ± 0.00101	0.3090 ± 0.0279	267.5 ± 6.4	273.4 ± 24.7	0.59	2.52
15100202-018	0.30042 ± 0.00283	4.6798 ± 0.0946	1693.4 ± 15.9	1763.6 ± 35.6	0.31	0.50	15100202-069	0.02768 ± 0.00051	0.2163 ± 0.0117	176.0 ± 3.3	198.8 ± 10.7	0.65	2.74
15100202-019	0.02786 ± 0.00036	0.2058 ± 0.0097	177.2 ± 2.3	190.0 ± 8.9	0.25	0.00	15100202-070	0.03150 ± 0.00084	0.2169 ± 0.0239	199.9 ± 5.4	199.3 ± 21.9	0.65	0.00
15100202-020	0.03120 ± 0.00060	0.2363 ± 0.0187	198.1 ± 3.8	215.4 ± 17.1	0.41	0.87	15100202-071	0.28432 ± 0.00463	4.2411 ± 0.1266	1613.1 ± 26.3	1682.0 ± 50.2	0.64	0.00
15100202-021	0.03239 ± 0.00061	0.2231 ± 0.0180	205.5 ± 3.9	204.5 ± 16.5	0.38	0.00	15100202-072	0.24910 ± 0.00378	3.7901 ± 0.0857	1433.8 ± 21.8	1590.6 ± 36.0	0.15	0.00
15100202-022	0.02837 ± 0.00033	0.2030 ± 0.0083	180.4 ± 2.1	187.6 ± 7.7	0.50	0.18	15100202-073	0.02535 ± 0.00044	0.2409 ± 0.0115	161.4 ± 2.8	219.1 ± 10.5	0.41	1.61
15100202-023	0.03885 ± 0.00051	0.2717 ± 0.0136	245.7 ± 3.2	244.0 ± 12.2	0.33	0.05	15100202-074	0.04676 ± 0.00069	0.4721 ± 0.0140	294.6 ± 4.3	392.6 ± 11.7	0.01	0.00
15100202-024	0.03531 ± 0.00068	0.2664 ± 0.0211	223.7 ± 4.3	239.8 ± 19.0	0.31	0.00	15100202-075	0.31985 ± 0.00436	5.0033 ± 0.0965	1789.0 ± 24.4	1819.8 ± 35.1	0.14	0.00
15100202-025	0.03016 ± 0.00092	0.2193 ± 0.0259	191.6 ± 5.8	201.3 ± 23.7	0.61	0.00	15100202-076	0.34235 ± 0.00489	6.1828 ± 0.1412	1898.0 ± 27.1	2001.9 ± 45.7	0.24	0.00
15100202-026	0.04146 ± 0.00088	0.2773 ± 0.0176	261.8 ± 5.5	248.5 ± 15.7	0.06	1.14	15100202-077	0.04053 ± 0.00085	0.2726 ± 0.0213	256.1 ± 5.4	244.7 ± 19.1	0.25	0.10
15100202-027	0.03157 ± 0.00070	0.2908 ± 0.0182	200.4 ± 4.5	259.1 ± 16.2	0.51	2.55	15100202-078	0.03312 ± 0.00077	0.2567 ± 0.0222	210.0 ± 4.9	232.0 ± 20.1	0.87	2.87
15100202-028	0.27010 ± 0.00483	4.2239 ± 0.1136	1541.3 ± 27.6	1678.6 ± 45.1	0.57	0.09	15100202-079	0.02097 ± 0.00048	0.1642 ± 0.0138	133.8 ± 3.1	154.3 ± 13.0	1.38	4.67
15100202-029	0.26885 ± 0.00476	4.1915 ± 0.1074	1535.0 ± 27.2	1672.3 ± 42.8	0.55	0.00	15100202-080	0.33876 ± 0.00521	5.3174 ± 0.1585	1880.7 ± 28.9	1871.6 ± 55.8	0.52	0.33
15100202-030	0.37057 ± 0.00635	7.2649 ± 0.1502	2032.1 ± 34.8	2144.4 ± 44.3	0.19	0.00	15100202-081	0.02071 ± 0.00086	0.4213 ± 0.0485	132.1 ± 5.5	357.0 ± 41.1	0.91	0.60
15100202-031	0.02653 ± 0.00057	0.1904 ± 0.0120	168.8 ± 3.6	177.0 ± 11.2	0.60	3.10	15100202-082	0.39085 ± 0.00618	6.5832 ± 0.1408	2126.8 ± 33.6	2057.0 ± 44.0	0.09	0.00
15100202-032	0.01857 ± 0.00056	0.1703 ± 0.0179	118.6 ± 3.6	159.7 ± 16.8	0.38	0.00	15100202-083	0.03757 ± 0.00079	0.2920 ± 0.0193	237.7 ± 5.0	260.1 ± 17.2	0.71	1.01
15100202-033	0.02679 ± 0.00067	0.1900 ± 0.0092	170.4 ± 4.3	176.6 ± 8.6	0.39	0.00	15100202-084	0.30916 ± 0.00483	4.8064 ± 0.0978	1736.6 ± 27.1	1860.0 ± 36.3	0.02	0.00
15100202-034	0.29765 ± 0.00741	5.0480 ± 0.1967	1679.6 ± 41.8	1827.3 ± 71.2	0.25	0.00	15100202-085	0.34457 ± 0.00626	5.6753 ± 0.1892	1908.6 ± 34.7	1927.5 ± 64.3	0.36	0.87
15100202-035	0.02167 ± 0.00068	0.1487 ± 0.0152	138.2 ± 4.4	140.7 ± 14.3	0.66	0.00	15100202-086	0.34340 ± 0.00560	5.4739 ± 0.1336	1903.0 ± 31.0	1896.4 ± 64.3	0.64	0.00
15100202-036	0.02538 ± 0.00063	0.2640 ± 0.0109	161.6 ± 4.0	237.8 ± 9.8	0.20	3.78	15100202-087	0.04717 ± 0.00203	1.1175 ± 0.1256	297.1 ± 12.8	761.7 ± 85.6	0.44	19.29
15100202-037	0.32242 ± 0.00785	5.0885 ± 0.1817	1801.5 ± 43.9	1834.1 ± 65.5	0.43	0.07	15100202-088	0.03414 ± 0.00064	0.2378 ± 0.0119	216.4 ± 4.0	216.6 ± 10.6	0.24	0.05
15100202-038	0.33522 ± 0.00814	5.1842 ± 0.1824	1863.6 ± 45.2	1850.0 ± 65.1	0.16	0.13	15100202-089	0.01693 ± 0.00064	0.2653 ± 0.0309	108.2 ± 4.1	238.9 ± 27.8	0.45	5.85
15100202-039	0.01656 ± 0.00068	0.2016 ± 0.0255	105.9 ± 4.4	186.5 ± 23.6	0.49	6.07	15100202-090	0.03053 ± 0.00066	0.2213 ± 0.0166	193.9 ± 4.2	202.9 ± 15.2	0.31	0.00
15100202-040	0.03155 ± 0.00094	0.2868 ± 0.0234	200.2 ± 6.0	256.0 ± 20.9	0.59	1.98	15100202-091	0.03474 ± 0.00077	0.2209 ± 0.0183	220.1 ± 4.9	202.7 ± 16.8	0.29	0.47
15100202-041	0.31314 ± 0.00514	4.9726 ± 0.1378	1756.1 ± 28.8	1814.6 ± 50.3	0.05	0.11	15100202-092	0.23318 ± 0.00373	3.4247 ± 0.0925	1351.1 ± 21.6	1510.0 ± 40.6	0.21	0.17
15100202-042	0.33957 ± 0.00552	5.6375 ± 0.1508	1884.6 ± 30.6	1921.8 ± 51.4	0.30	0.01	15100202-093	0.02999 ± 0.00091	0.2240 ± 0.0281	190.5 ± 5.8	220.0 ± 25.8	0.46	5.31
15100202-043	0.06295 ± 0.00106	0.7549 ± 0.0241	393.6 ± 6.6	571.1 ± 18.2	0.17	0.29	15100202-094	0.03547 ± 0.00092	0.2758 ± 0.0266	224.7 ± 5.9	247.3 ± 23.8	0.62	0.27
15100202-044	0.02504 ± 0.00048	0.2080 ± 0.0107	159.4 ± 3.0	191.9 ± 9.8	0.73	1.10	15100202-095	0.33845 ± 0.00514	5.3731 ± 0.1167	1879.2 ± 28.6	1880.5 ± 40.9	0.01	0.00
15100202-045	0.03155 ± 0.00064	0.2155 ± 0.0137	200.3 ± 4.1	198.2 ± 12.6	0.06	0.00	15100202-096	0.03345 ± 0.00063	0.2536 ± 0.0142	212.1 ± 4.0	229.5 ± 12.8	0.53	0.00
15100202-046	0.02771 ± 0.00053	0.2208 ± 0.0114	176.2 ± 3.4	202.6 ± 10.5	0.20	0.83	15100202-097	0.02763 ± 0.00043	0.1878 ± 0.0087	175.7 ± 2.7	174.7 ± 8.1	1.81	0.22
15100202-047	0.03573 ± 0.00076	0.3528 ± 0.0215	226.3 ± 4.8	306.8 ± 18.7	0.46	1.30	15100202-098	0.05058 ± 0.00103	0.6312 ± 0.0377	318.1 ± 6.4	496.8 ± 29.7	0.33	0.69
15100202-048	0.33293 ± 0.00549	5.3317 ± 0.1504	1852.6 ± 30.6	1873.9 ± 52.8	0.03	0.06	15100202-099	0.03563 ± 0.00058	0.2456 ± 0.0130	225.7 ± 3.7	223.0 ± 11.8	1.41	0.07
15100202-049	0.26660 ± 0.00455	5.0627 ± 0.1514	1523.5 ± 26.0	1829.8 ± 54.7	0.39	0.00	15100202-100	0.02723 ± 0.00050	0.1962 ± 0.0126	173.2 ± 3.2	181.9 ± 11.7	0.19	1.50
15100202-050	0.33703 ± 0.00423	5.2597 ± 0.1095	1872.3 ± 23.5	1862.3 ± 38.8	0.04	0.10	15100202-101	0.03004 ± 0.00048	0.2147 ± 0.0104	190.8 ± 3.0	197.5 ± 9.6	0.87	0.00

Grain No.	$^{238}\text{Pb}/^{238}\text{U}$	$^{207}\text{Pb}/^{235}\text{U}$	$^{238}\text{U}/^{210}\text{Pb}$ age (Ma)	$^{235}\text{U}/^{207}\text{Pb}$ age (Ma)	Th/U	^{206}Pbc	Grain No.	$^{238}\text{Pb}/^{238}\text{U}$	$^{207}\text{Pb}/^{235}\text{U}$	$^{238}\text{U}/^{206}\text{Pb}$ age (Ma)	$^{235}\text{U}/^{207}\text{Pb}$ age (Ma)	Th/U	^{206}Pbc
15100202-102	0.03534 ± 0.00051	0.2669 ± 0.0099	223.9 ± 3.2	240.2 ± 9.0	1.41	0.62	15100202-153	0.47278 ± 0.01033	12.0963 ± 0.3778	2495.7 ± 54.5	2611.8 ± 81.6	0.89	0.45
15100202-103	0.32072 ± 0.00417	4.9994 ± 0.1011	1793.2 ± 23.3	1819.2 ± 36.8	0.35	0.27	15100202-154	0.04457 ± 0.00117	1.2233 ± 0.0608	281.1 ± 7.4	811.3 ± 40.3	0.67	18.41
15100202-104	0.04071 ± 0.00068	0.2879 ± 0.0156	257.2 ± 4.3	256.9 ± 13.9	0.13	1.15	15100202-155	0.01790 ± 0.00061	0.1495 ± 0.0181	114.4 ± 3.9	144.4 ± 17.2	0.55	0.00
15100202-105	0.21278 ± 0.00313	3.2338 ± 0.0762	1243.6 ± 18.3	1465.2 ± 34.5	0.05	0.00	15100202-156	0.04202 ± 0.00099	0.3185 ± 0.0186	265.3 ± 6.3	280.7 ± 16.4	0.42	0.83
15100202-106	0.33136 ± 0.00500	5.1691 ± 0.1302	1845.0 ± 27.8	1847.5 ± 46.5	0.29	0.00	15100202-157	0.32036 ± 0.00664	5.9877 ± 0.1554	1791.5 ± 37.1	1974.0 ± 51.2	0.13	0.00
15100202-107	0.04640 ± 0.00105	0.3533 ± 0.0280	292.4 ± 6.6	307.2 ± 24.4	0.43	1.47	15100202-158	0.37463 ± 0.00795	5.9675 ± 0.1792	2051.2 ± 43.5	1971.0 ± 59.2	0.95	0.01
15100202-108	0.02841 ± 0.00077	0.2250 ± 0.0232	180.6 ± 4.9	206.1 ± 21.2	0.52	0.00	15100202-159	0.06379 ± 0.00174	2.1032 ± 0.1063	398.6 ± 10.9	1149.8 ± 58.1	0.45	33.10
15100202-109	0.03431 ± 0.00064	0.2344 ± 0.0140	217.5 ± 4.1	213.9 ± 12.8	0.38	0.00	15100202-160	0.35864 ± 0.00747	6.1248 ± 0.1650	1975.7 ± 41.2	1993.7 ± 53.7	0.21	0.13
15100202-110	0.03757 ± 0.00126	0.3301 ± 0.0420	237.8 ± 8.0	289.6 ± 36.8	0.81	0.85	15100202-161	0.06146 ± 0.00107	0.3218 ± 0.0245	384.5 ± 6.7	283.3 ± 21.5	0.55	3.95
15100202-111	0.02951 ± 0.00048	0.2110 ± 0.0085	187.5 ± 3.0	194.4 ± 7.9	0.33	0.00	15100202-162	0.03417 ± 0.00074	0.3983 ± 0.0287	216.6 ± 4.7	340.4 ± 24.6	0.92	4.27
15100202-112	0.02880 ± 0.00054	0.2241 ± 0.0130	183.0 ± 3.4	221.7 ± 11.8	0.24	0.00	15100202-163	0.04196 ± 0.00073	0.3190 ± 0.0205	265.0 ± 4.6	281.1 ± 18.1	0.40	0.00
15100202-113	0.03440 ± 0.00064	0.2581 ± 0.0156	218.1 ± 4.1	233.1 ± 14.1	0.37	0.00	15100202-164	0.13243 ± 0.00204	1.1374 ± 0.0576	801.7 ± 12.3	771.3 ± 39.0	1.23	0.00
15100202-114	0.02975 ± 0.00046	0.2151 ± 0.0083	189.0 ± 2.9	197.8 ± 7.7	0.47	0.00	15100202-165	0.02862 ± 0.00039	0.2101 ± 0.0091	181.9 ± 2.5	193.7 ± 8.4	0.56	0.00
15100202-115	0.34965 ± 0.00522	5.6870 ± 0.1592	1932.9 ± 28.9	1929.3 ± 54.0	0.25	0.00	15100202-166	0.39270 ± 0.00417	8.1142 ± 0.1336	2135.3 ± 22.7	2243.8 ± 36.9	0.69	0.05
15100202-116	0.03779 ± 0.00076	0.2593 ± 0.0185	239.1 ± 4.8	234.1 ± 16.7	0.24	0.46	15100202-167	0.33979 ± 0.00369	5.4311 ± 0.1000	1885.6 ± 20.5	1889.7 ± 34.8	0.19	0.13
15100202-117	0.02037 ± 0.00067	0.1395 ± 0.0202	130.0 ± 4.3	132.6 ± 19.2	0.65	0.00	15100202-168	0.03094 ± 0.00064	0.2170 ± 0.0184	196.4 ± 4.1	199.4 ± 16.9	1.05	3.81
15100202-118	0.34450 ± 0.00556	5.5577 ± 0.1842	1908.3 ± 30.8	1909.5 ± 63.3	0.78	0.03	15100202-169	0.40474 ± 0.00455	6.3081 ± 0.1390	2190.8 ± 24.6	2019.5 ± 44.5	0.10	0.07
15100202-119	0.30935 ± 0.00479	4.7860 ± 0.1475	1737.5 ± 26.9	1782.4 ± 54.9	0.50	0.11	15100202-170	0.33864 ± 0.00390	5.1477 ± 0.1215	1880.1 ± 21.7	1843.9 ± 43.5	0.44	0.03
15100202-120	0.34678 ± 0.00517	5.4680 ± 0.1530	1919.2 ± 28.6	1895.5 ± 53.0	0.74	0.00	15100202-171	0.31740 ± 0.00361	5.5055 ± 0.1152	1777.0 ± 20.2	1828.6 ± 41.7	0.05	0.00
15100202-121	0.02729 ± 0.00054	0.2539 ± 0.0164	173.6 ± 3.4	229.7 ± 14.9	0.40	1.74	15100202-172	0.34831 ± 0.00403	5.4857 ± 0.1302	1926.5 ± 22.3	1898.3 ± 45.1	0.20	0.00
15100202-122	0.03095 ± 0.00052	0.2123 ± 0.0120	196.5 ± 3.3	195.5 ± 11.0	0.47	0.65	15100202-173	0.35315 ± 0.00411	5.5481 ± 0.1332	1949.6 ± 22.7	1908.0 ± 45.8	0.66	0.00
15100202-123	0.44215 ± 0.00655	9.4769 ± 0.2800	2360.3 ± 34.9	2385.2 ± 70.5	0.22	0.27	15100202-174	0.03256 ± 0.00066	0.2929 ± 0.0216	206.6 ± 4.2	260.8 ± 19.2	0.35	0.94
15100202-124	0.03349 ± 0.00054	0.2247 ± 0.0115	212.4 ± 3.4	205.8 ± 10.5	0.24	0.00	15100202-175	0.01869 ± 0.00039	0.2314 ± 0.0155	119.4 ± 2.5	211.4 ± 14.1	1.06	0.00
15100202-125	0.04304 ± 0.00071	0.3378 ± 0.0171	271.7 ± 4.5	295.5 ± 14.9	0.74	1.01	15100202-176	0.37424 ± 0.00439	5.7342 ± 0.1410	2049.3 ± 24.0	1936.5 ± 47.6	0.68	0.00
15100202-126	0.02923 ± 0.00056	0.2183 ± 0.0149	185.7 ± 3.6	200.5 ± 13.7	0.31	0.51	15100202-177	0.32877 ± 0.00674	5.2220 ± 0.1449	1832.4 ± 37.6	1856.2 ± 51.5	0.17	0.07
15100202-127	0.02896 ± 0.00046	0.2174 ± 0.0106	184.0 ± 2.9	199.8 ± 9.8	0.37	0.67	15100202-178	0.02940 ± 0.00066	0.1981 ± 0.0105	186.8 ± 4.2	183.5 ± 9.7	0.38	0.35
15100202-128	0.03055 ± 0.00047	0.2063 ± 0.0096	194.0 ± 3.0	190.4 ± 8.8	0.30	0.00	15100202-179	0.31716 ± 0.00659	4.7937 ± 0.1425	1775.8 ± 36.9	1783.7 ± 53.0	0.21	0.00
15100202-129	0.03043 ± 0.00050	0.2006 ± 0.0120	193.2 ± 3.2	185.6 ± 11.1	0.77	0.00	15100202-180	0.02692 ± 0.00058	0.8835 ± 0.0281	171.3 ± 3.7	642.8 ± 20.5	0.27	0.00
15100202-130	0.03498 ± 0.00057	0.2516 ± 0.0143	221.6 ± 3.6	227.9 ± 12.9	0.76	0.00	15100202-181	0.38955 ± 0.00802	7.2921 ± 0.2036	2120.7 ± 43.6	2147.8 ± 60.0	0.31	0.00
15100202-131	0.02674 ± 0.00038	0.2048 ± 0.0087	170.1 ± 2.4	189.2 ± 8.0	0.12	0.93	15100202-182	0.02873 ± 0.00067	0.1878 ± 0.0114	182.6 ± 4.3	174.8 ± 10.6	0.48	0.81
15100202-132	0.04256 ± 0.00092	0.3192 ± 0.0258	268.7 ± 5.8	281.3 ± 22.7	0.69	0.00	15100202-183	0.04554 ± 0.00097	0.3647 ± 0.0137	287.1 ± 6.1	315.7 ± 11.8	0.35	0.93
15100202-133	0.31167 ± 0.00358	4.9357 ± 0.1007	1748.9 ± 20.1	1808.3 ± 36.9	0.13	0.01	15100202-184	0.03236 ± 0.00089	0.3333 ± 0.0256	205.3 ± 5.6	292.1 ± 22.4	0.44	14.66
15100202-134	0.03283 ± 0.00073	0.2270 ± 0.0196	208.2 ± 4.6	207.7 ± 17.9	0.64	0.86	15100202-185	0.32292 ± 0.00616	5.0460 ± 0.1360	1804.0 ± 34.4	1827.0 ± 49.2	0.18	0.00
15100202-135	0.02997 ± 0.00041	0.2222 ± 0.0090	190.3 ± 2.6	203.7 ± 8.3	0.29	0.57	15100202-186	0.40265 ± 0.00752	7.1269 ± 0.1698	2181.2 ± 40.7	2127.3 ± 50.7	0.25	0.00
15100202-136	0.34142 ± 0.00413	5.3480 ± 0.1269	1893.5 ± 22.9	1876.5 ± 44.5	0.23	0.17	15100202-187	0.03331 ± 0.00070	0.2336 ± 0.0123	211.3 ± 4.4	213.2 ± 11.2	0.11	0.52
15100202-137	0.28939 ± 0.00542	4.5313 ± 0.1342	1638.5 ± 30.7	1736.7 ± 51.4	0.41	0.00	15100202-188	0.03094 ± 0.00074	0.2465 ± 0.0176	196.4 ± 4.7	223.8 ± 16.0	0.50	0.00
15100202-138	0.33078 ± 0.00606	5.2531 ± 0.1408	1842.2 ± 33.7	1861.2 ± 49.9	0.61	0.00	15100202-189	0.03329 ± 0.00075	0.2252 ± 0.0147	211.1 ± 4.7	206.2 ± 13.5	0.50	0.00
15100202-139	0.36945 ± 0.00673	7.7088 ± 0.1982	2026.8 ± 36.9	2197.5 ± 56.5	0.05	0.00	15100202-190	0.03924 ± 0.00101	0.2718 ± 0.0238	248.1 ± 6.4	244.1 ± 21.4	0.65	0.00
15100202-140	0.04658 ± 0.00110	0.3317 ± 0.0249	293.5 ± 6.9	290.9 ± 21.8	0.41	0.10	15100202-191	0.45467 ± 0.00852	9.6322 ± 0.2282	2416.0 ± 45.3	2400.2 ± 56.9	0.70	0.00
15100202-141	0.30525 ± 0.00557	4.8110 ± 0.1274	1717.3 ± 31.4	1786.8 ± 47.3	0.11	0.00	15100202-192	0.02805 ± 0.00056	0.1817 ± 0.0083	178.3 ± 3.6	169.5 ± 7.7	0.63	0.00
15100202-142	0.03260 ± 0.00086	0.3544 ± 0.0276	206.8 ± 5.4	308.1 ± 24.0	0.51	15.90	15100202-193	0.01948 ± 0.00042	0.1595 ± 0.0119	124.4 ± 2.7	150.2 ± 11.2	1.05	2.85
15100202-143	0.03627 ± 0.00083	0.2760 ± 0.0189	229.7 ± 5.3	247.5 ± 17.0	0.78	1.67	15100202-194	0.02755 ± 0.00040	0.1917 ± 0.0069	175.2 ± 2.6	178.1 ± 6.4	0.26	0.00
15100202-144	0.03899 ± 0.00090	0.3146 ± 0.0215	246.6 ± 5.7	277.7 ± 19.0	0.08	0.00	15100202-195	0.01888 ± 0.00032	0.1761 ± 0.0084	120.6 ± 2.0	164.7 ± 7.9	0.66	0.00
15100202-145	0.03679 ± 0.00096	0.2711 ± 0.0285	232.9 ± 6.1	243.5 ± 25.6	0.89	0.00	15100202-196	0.34976 ± 0.00486	5.5768 ± 0.1323	1933.5 ± 26.9	1912.5 ± 45.4	0.28	0.14
15100202-146	0.46627 ± 0.00697	9.9537 ± 0.2872	2467.2 ± 36.9	2430.4 ± 70.1	0.72	0.00	15100202-197	0.03242 ± 0.00056	0.2881 ± 0.0143	205.7 ± 3.5	257.0 ± 12.7	0.12	1.25
15100202-147	0.32457 ± 0.00469	5.5294 ± 0.1535	1812.0 ± 26.2	1905.1 ± 52.9	0.35	0.00	15100202-198	0.03549 ± 0.00057	0.2529 ± 0.0114	224.8 ± 3.6	228.9 ± 10.4	0.62	0.83
15100202-148	0.35374 ± 0.00492	6.2909 ± 0.1561	1952.5 ± 27.1	2017.1 ± 50.1	0.24	0.08	15100202-199	0.02941 ± 0.00045	0.2357 ± 0.0089	186.9 ± 2.8	214.9 ± 8.2	0.43	1.12
15100202-149	0.33401 ± 0.00499	5.2737 ± 0.1613	1857.8 ± 27.7	1864.5 ± 57.0	0.61	0.16	15100202-200	0.01702 ± 0.00029	0.1196 ± 0.0064	108.8 ± 1.9	114.7 ± 6.2	0.58	0.00
15100202-150	0.26843 ± 0.00372	4.0624 ± 0.1021	1532.8 ± 21.3	1646.7 ± 41.4	0.20	0.07							
15100202-151	0.03598 ± 0.00064	0.3765 ± 0.0194	227.9 ± 4.1	324.4 ± 16.7	0.69	2.38							
15100202-152	0.06232 ± 0.00122	0.6799 ± 0.0400	389.7 ± 7.6	526.7 ± 31.0	0.10	3.08							

Grain No.	$^{238}\text{U}/^{235}\text{U}$	$^{207}\text{Pb}/^{235}\text{U}$	$^{238}\text{U}/^{206}\text{Pb}$ age (Ma)	$^{235}\text{U}/^{207}\text{Pb}$ age (Ma)	Th/U	$^{206}\text{Pb}/^{238}\text{U}$	Grain No.	$^{238}\text{U}/^{235}\text{U}$	$^{207}\text{Pb}/^{235}\text{U}$	$^{238}\text{U}/^{206}\text{Pb}$ age (Ma)	$^{235}\text{U}/^{207}\text{Pb}$ age (Ma)	Th/U	$^{206}\text{Pb}/^{238}\text{U}$
Sample 15083005													
15083005-001	0.04341 ± 0.00138	0.2799 ± 0.0380	273.9 ± 8.7	250.6 ± 34.0	0.61	1.098	15083005-051	0.04045 ± 0.00118	0.2864 ± 0.0248	255.6 ± 7.4	255.7 ± 22.1	0.71	0.00
15083005-002	0.03171 ± 0.00081	0.2226 ± 0.0207	201.2 ± 5.2	204.1 ± 19.0	0.58	0.00	15083005-052	0.29514 ± 0.00694	4.7930 ± 0.1519	1667.2 ± 39.2	1783.6 ± 56.5	0.07	0.02
15083005-003	0.33418 ± 0.00594	5.3296 ± 0.1573	1858.6 ± 33.1	1873.6 ± 55.3	0.19	0.00	15083005-053	0.01780 ± 0.00052	0.1407 ± 0.0120	113.7 ± 3.3	133.7 ± 11.4	0.47	0.03
15083005-004	0.33846 ± 0.00587	5.2506 ± 0.1431	1879.3 ± 32.6	1860.8 ± 50.7	0.13	0.04	15083005-054	0.27006 ± 0.00634	4.1560 ± 0.1314	1541.1 ± 36.2	1665.3 ± 52.6	0.16	0.00
15083005-005	0.33722 ± 0.00675	5.2852 ± 0.2108	1873.3 ± 37.5	1866.4 ± 74.4	0.97	0.00	15083005-055	0.02862 ± 0.00074	0.2118 ± 0.0124	181.9 ± 4.7	195.1 ± 11.5	0.29	2.02
15083005-006	0.28250 ± 0.00527	4.8503 ± 0.1627	1603.9 ± 29.8	1793.6 ± 60.2	0.40	0.00	15083005-056	0.04556 ± 0.00137	0.3215 ± 0.0300	287.2 ± 8.6	283.1 ± 26.4	0.40	3.26
15083005-007	0.02726 ± 0.00052	0.2115 ± 0.0100	173.3 ± 3.3	194.8 ± 9.2	0.55	1.05	15083005-057	0.23838 ± 0.00431	3.7310 ± 0.1015	1378.3 ± 24.9	1578.0 ± 42.9	0.05	0.00
15083005-008	0.04401 ± 0.00122	0.2992 ± 0.0316	277.7 ± 7.7	265.7 ± 28.1	0.54	5.63	15083005-058	0.03087 ± 0.00067	0.2176 ± 0.0137	196.0 ± 4.2	199.9 ± 12.6	0.58	0.00
15083005-009	0.03346 ± 0.00081	0.2279 ± 0.0126	212.2 ± 5.2	208.5 ± 11.5	0.45	0.00	15083005-059	0.06003 ± 0.00081	1.0784 ± 0.0275	375.8 ± 52.6	742.8 ± 363.4	0.30	123.57
15083005-010	0.01968 ± 0.00058	0.1676 ± 0.0145	125.6 ± 3.7	157.3 ± 13.6	0.76	0.00	15083005-060	0.33818 ± 0.00611	5.2743 ± 0.1429	1877.9 ± 33.9	1864.6 ± 50.5	0.12	0.11
15083005-011	0.26385 ± 0.00596	4.0155 ± 0.1266	1509.5 ± 34.1	1637.3 ± 51.6	0.11	0.08	15083005-061	0.03853 ± 0.00072	0.2817 ± 0.0103	243.7 ± 4.5	252.0 ± 9.2	0.01	0.05
15083005-012	0.04799 ± 0.00112	0.5106 ± 0.0208	302.1 ± 7.1	418.8 ± 17.1	0.14	0.79	15083005-062	0.04120 ± 0.00093	0.3152 ± 0.0214	260.3 ± 5.9	278.2 ± 18.9	0.30	0.00
15083005-013	0.03173 ± 0.00704	-0.0098 ± 0.2839	201.4 ± 44.7	10.0 ± 289.7	0.17	182.52	15083005-063	0.27250 ± 0.00502	4.1030 ± 0.1222	1553.5 ± 28.6	1654.8 ± 49.3	0.25	0.32
15083005-014	0.03132 ± 0.00095	0.2101 ± 0.0214	198.8 ± 6.0	193.6 ± 19.7	0.85	3.33	15083005-064	0.32837 ± 0.00590	5.2298 ± 0.1383	1830.5 ± 32.9	1857.4 ± 49.1	0.18	0.00
15083005-015	0.02371 ± 0.00141	0.2863 ± 0.0584	151.0 ± 9.0	255.6 ± 52.1	0.93	0.00	15083005-065	0.02099 ± 0.00046	0.1536 ± 0.0139	133.9 ± 2.9	145.1 ± 13.1	0.79	0.00
15083005-016	0.34157 ± 0.00768	5.3992 ± 0.1655	1894.2 ± 32.6	1884.7 ± 57.8	0.24	0.04	15083005-066	0.02384 ± 0.00066	0.2416 ± 0.0251	151.9 ± 4.2	219.7 ± 22.8	0.72	7.22
15083005-017	0.03914 ± 0.00093	0.2945 ± 0.0171	247.5 ± 5.9	262.1 ± 15.3	0.10	0.00	15083005-067	0.29804 ± 0.00361	4.6403 ± 0.1285	1681.6 ± 20.4	1749.8 ± 48.8	0.66	0.00
15083005-018	0.05488 ± 0.00129	0.6454 ± 0.0313	344.4 ± 8.1	505.6 ± 24.5	0.26	0.49	15083005-068	0.23008 ± 0.00259	3.3689 ± 0.0868	1334.9 ± 15.0	1560.2 ± 37.1	0.10	0.00
15083005-019	0.05029 ± 0.00118	0.3790 ± 0.0208	316.3 ± 7.4	326.3 ± 17.9	0.54	0.36	15083005-070	0.32550 ± 0.00409	4.9163 ± 0.1476	1816.5 ± 22.8	1805.0 ± 54.2	0.91	0.00
15083005-020	0.33034 ± 0.00694	5.1581 ± 0.1436	1840.0 ± 38.7	1845.7 ± 51.4	0.06	0.00	15083005-071	0.03594 ± 0.00067	0.2555 ± 0.0192	227.6 ± 4.3	231.0 ± 17.4	0.63	0.00
15083005-021	0.02825 ± 0.00060	0.1991 ± 0.0066	179.6 ± 3.8	184.4 ± 6.1	0.11	0.15	15083005-072	0.36419 ± 0.00485	7.4985 ± 0.2265	2002.0 ± 26.6	2172.7 ± 65.6	1.09	3.12
15083005-022	0.01738 ± 0.00056	0.1414 ± 0.0156	111.1 ± 3.6	134.3 ± 14.9	0.89	0.00	15083005-073	0.01886 ± 0.00041	0.1285 ± 0.0066	120.4 ± 2.6	122.8 ± 6.3	0.78	0.93
15083005-023	0.04360 ± 0.00124	0.3306 ± 0.0303	275.1 ± 7.8	290.0 ± 26.6	0.39	7.64	15083005-074	0.02574 ± 0.00063	0.2794 ± 0.0171	163.8 ± 4.0	250.2 ± 15.3	0.23	4.40
15083005-024	0.01859 ± 0.00076	0.1581 ± 0.0245	118.7 ± 4.9	149.1 ± 23.1	0.79	0.00	15083005-075	0.36461 ± 0.00721	5.7994 ± 0.1412	2004.0 ± 39.6	1946.3 ± 47.4	0.05	0.02
15083005-025	0.01662 ± 0.00138	0.1066 ± 0.1093	106.3 ± 8.8	102.8 ± 105.5	0.66	0.00	15083005-076	0.03888 ± 0.00081	0.2786 ± 0.0114	249.5 ± 5.1	249.5 ± 10.2	0.26	0.19
15083005-026	0.02959 ± 0.00080	0.1954 ± 0.0433	188.0 ± 5.1	181.2 ± 40.2	0.77	1.08	15083005-077	0.04270 ± 0.00090	0.3126 ± 0.0129	269.6 ± 5.7	276.2 ± 11.4	0.45	0.25
15083005-027	0.02893 ± 0.00307	0.1572 ± 0.2474	183.8 ± 19.5	148.2 ± 233.3	0.37	0.00	15083005-078	0.30991 ± 0.00608	4.9167 ± 0.1137	1740.3 ± 34.1	1805.1 ± 41.7	0.03	0.00
15083005-028	0.02781 ± 0.00054	0.1933 ± 0.0172	176.8 ± 3.4	179.5 ± 16.0	0.31	0.00	15083005-079	0.23555 ± 0.00469	3.6345 ± 0.0938	1363.5 ± 27.2	1557.1 ± 40.2	0.05	0.45
15083005-029	0.02905 ± 0.00060	0.1990 ± 0.0230	184.6 ± 3.8	184.3 ± 21.3	0.32	0.92	15083005-080	0.04099 ± 0.00121	2.7265 ± 0.1360	259.0 ± 7.6	1335.7 ± 66.6	0.57	68.36
15083005-030	0.02995 ± 0.00076	0.2105 ± 0.0390	190.3 ± 4.8	194.0 ± 35.9	0.32	0.70	15083005-081	0.03127 ± 0.00077	1.5837 ± 0.0780	198.5 ± 4.9	963.8 ± 47.4	0.92	1.33
15083005-031	0.02141 ± 0.00158	0.1524 ± 0.1228	136.6 ± 10.0	144.0 ± 116.0	0.46	0.00	15083005-082	0.38892 ± 0.00534	7.1447 ± 0.1700	2117.8 ± 29.1	2129.6 ± 50.7	0.39	0.19
15083005-032	0.31217 ± 0.00504	4.8950 ± 0.1214	1751.4 ± 28.3	1801.3 ± 44.7	0.25	0.06	15083005-083	0.43006 ± 0.00559	6.9190 ± 0.1445	2306.0 ± 30.0	2101.0 ± 43.9	0.11	0.06
15083005-033	0.29929 ± 0.00892	4.6983 ± 0.1572	1687.8 ± 50.3	1766.9 ± 59.1	0.09	0.00	15083005-084	0.03446 ± 0.00055	0.2427 ± 0.0121	218.4 ± 3.5	220.6 ± 11.0	0.44	0.00
15083005-034	0.01718 ± 0.00072	0.1169 ± 0.0169	109.8 ± 4.6	112.3 ± 16.3	0.43	0.00	15083005-085	0.24462 ± 0.00315	3.8280 ± 0.0796	1410.7 ± 18.2	1598.6 ± 33.3	0.08	0.10
15083005-035	0.29169 ± 0.00879	4.5270 ± 0.1649	1649.9 ± 49.7	1735.9 ± 63.2	0.64	0.00	15083005-086	0.02210 ± 0.00048	0.6943 ± 0.0330	140.9 ± 3.0	535.5 ± 25.5	0.40	16.58
15083005-036	0.39695 ± 0.01188	7.5491 ± 0.2569	2155.0 ± 64.5	2178.8 ± 74.1	0.07	0.09	15083005-087	0.01739 ± 0.00047	0.1281 ± 0.0144	111.2 ± 3.0	122.4 ± 13.8	0.81	3.35
15083005-037	0.02733 ± 0.00105	0.4511 ± 0.0386	173.8 ± 6.7	378.0 ± 32.3	0.98	2.73	15083005-088	0.01725 ± 0.00044	0.1039 ± 0.0116	110.3 ± 2.8	100.4 ± 11.2	0.48	0.00
15083005-038	0.02019 ± 0.00075	0.1362 ± 0.0151	128.8 ± 4.8	129.6 ± 14.4	0.56	0.00	15083005-089	0.02819 ± 0.00044	0.1918 ± 0.0886	179.2 ± 2.8	178.2 ± 82.3	0.04	0.43
15083005-039	0.03140 ± 0.00104	0.3224 ± 0.0215	199.3 ± 6.6	283.7 ± 18.9	0.38	2.92	15083005-090	0.03655 ± 0.00056	0.2480 ± 0.0825	231.4 ± 3.5	225.0 ± 74.8	0.01	0.27
15083005-040	0.10518 ± 0.00317	1.5346 ± 0.0562	644.7 ± 19.4	944.3 ± 34.6	0.07	0.22	15083005-091	0.02758 ± 0.00049	0.1755 ± 0.02189	175.4 ± 3.1	164.2 ± 204.8	0.05	0.63
15083005-041	0.06245 ± 0.00108	0.7256 ± 0.0271	390.5 ± 6.8	553.9 ± 20.7	0.06	0.00	15083005-092	0.01768 ± 0.00046	0.0356 ± 0.05544	113.0 ± 2.9	35.5 ± 553.2	0.44	0.00
15083005-042	0.02674 ± 0.00049	0.1851 ± 0.0097	170.1 ± 3.1	172.4 ± 9.1	0.19	0.01	15083005-093	0.02031 ± 0.00065	-0.003086 ± 1.209	129.6 ± 4.2	3.1 ± 119.8	0.80	7.23
15083005-043	0.02070 ± 0.00046	0.2282 ± 0.0151	132.1 ± 3.0	208.7 ± 13.8	0.86	1.00	15083005-094	0.04270 ± 0.00071	0.2799 ± 0.02168	269.5 ± 4.5	250.5 ± 194.1	0.09	0.00
15083005-044	0.03690 ± 0.00060	0.2518 ± 0.0088	233.6 ± 3.8	228.0 ± 8.0	0.24	0.03	15083005-095	0.03281 ± 0.00073	0.1281 ± 0.0642	208.1 ± 4.6	122.4 ± 617.4	0.77	0.20
15083005-045	0.02007 ± 0.00061	0.1341 ± 0.0173	128.1 ± 3.9	127.8 ± 16.5	1.01	0.97	15083005-096	0.03803 ± 0.00066	0.2717 ± 0.2654	240.6 ± 4.2	244.0 ± 238.4	0.33	1.00
15083005-046	0.12412 ± 0.00218	1.8017 ± 0.0653	754.3 ± 13.2	1046.0 ± 37.9	0.23	0.00	15083005-097	0.02210 ± 0.00037	0.1875 ± 0.0092	140.9 ± 2.3	174.5 ± 8.6	0.30	2.71
15083005-047	0.03931 ± 0.00084	0.2660 ± 0.0196	248.5 ± 5.3	239.5 ± 17.7	0.37	0.95	15083005-098	0.29007 ± 0.00375	4.5253 ± 0.0844	1641.9 ± 21.2	1735.6 ± 32.4	0.06	0.07
15083005-048	0.03352 ± 0.00076	0.2018 ± 0.0175	212.6 ± 4.8	186.7 ± 16.2	0.50	0.00	15083005-099	0.03021 ± 0.00091	0.3353 ± 0.0352	191.9 ± 5.8	293.6 ± 30.8	0.64	0.00
15083005-049	0.03094 ± 0.00091	0.2055 ± 0.0190	196.4 ± 5.8	189.7 ± 17.6	0.44	0.00	15083005-100	0.02456 ± 0.00059	0.1504 ± 0.0154	156.4 ± 3.7	142.2 ± 14.6	0.52	0.00
15083005-050	0.34697 ± 0.00819	5.6871 ± 0.1842	1920.1 ± 45.3	1929.3 ± 62.5	0.31	0.00	15083005-101	0.02524 ± 0.00091	0.7673 ± 0.0669	160.7 ± 5.8	578.2 ± 50.4	0.39	11.89

Grain No.	$^{206}\text{Pb}/^{238}\text{U}$	$^{207}\text{Pb}/^{235}\text{U}$	$^{238}\text{U}/^{206}\text{Pb}$ age (Ma)	$^{235}\text{U}/^{207}\text{Pb}$ age (Ma)	Th/U	^{206}Pbc	Grain No.	$^{206}\text{Pb}/^{238}\text{U}$	$^{207}\text{Pb}/^{235}\text{U}$	$^{238}\text{U}/^{206}\text{Pb}$ age (Ma)	$^{235}\text{U}/^{207}\text{Pb}$ age (Ma)	Th/U	^{206}Pbc
15083005-102	0.32105 ± 0.00429	4.9682 ± 0.1073	1794.9 ± 24.0	1813.9 ± 39.2	0.11	0.16	15083005-153	0.03272 ± 0.00071	0.2941 ± 0.0179	207.5 ± 4.5	261.8 ± 15.9	0.18	0.00
15083005-103	0.32261 ± 0.00433	5.0391 ± 0.1106	1802.5 ± 24.2	1825.9 ± 40.1	0.50	0.11	15083005-154	0.35065 ± 0.00612	5.5306 ± 0.1329	1937.7 ± 33.8	1905.3 ± 45.8	0.17	0.07
15083005-104	0.02594 ± 0.00038	0.1787 ± 0.0069	165.1 ± 2.4	166.9 ± 6.4	0.25	2.28	15083005-155	0.03745 ± 0.00179	0.7432 ± 0.1007	237.0 ± 11.3	564.3 ± 76.5	0.60	35.71
15083005-105	0.32979 ± 0.00879	5.0376 ± 0.1822	1837.3 ± 49.0	1825.6 ± 66.0	0.24	0.07	15083005-156	0.01639 ± 0.00030	0.1178 ± 0.0043	104.8 ± 1.9	113.0 ± 4.1	0.41	0.26
15083005-106	0.02901 ± 0.00084	0.2077 ± 0.0135	184.3 ± 5.3	191.7 ± 12.4	0.41	1.49	15083005-157	0.03012 ± 0.00070	0.2170 ± 0.0168	191.3 ± 4.5	199.4 ± 15.4	0.41	0.00
15083005-107	0.01956 ± 0.00065	0.1465 ± 0.0142	124.9 ± 4.1	138.8 ± 13.5	0.65	1.61	15083005-158	0.31426 ± 0.00586	5.1927 ± 0.1638	1761.6 ± 32.8	1851.4 ± 58.4	0.63	1.29
15083005-108	0.32003 ± 0.00815	4.6950 ± 0.1813	1701.4 ± 45.9	1766.3 ± 68.2	0.75	0.18	15083005-159	0.03675 ± 0.00078	0.3499 ± 0.0195	232.7 ± 4.9	304.6 ± 17.0	0.84	1.56
15083005-109	0.03613 ± 0.00109	0.6807 ± 0.0376	228.8 ± 6.9	527.2 ± 29.1	0.41	10.47	15083005-160	0.02898 ± 0.00050	0.2064 ± 0.0093	184.2 ± 3.2	190.5 ± 8.6	0.44	0.40
15083005-110	0.02764 ± 0.00076	0.1902 ± 0.0094	175.8 ± 4.8	176.8 ± 8.8	0.44	0.99	15083005-161	0.01789 ± 0.00051	0.1112 ± 0.0135	114.3 ± 3.3	107.0 ± 13.0	0.40	2.02
15083005-111	0.40260 ± 0.01117	7.9448 ± 0.3331	2181.0 ± 60.5	2224.7 ± 93.3	0.25	0.00	15083005-162	0.02859 ± 0.00061	0.2087 ± 0.0151	181.7 ± 3.9	192.5 ± 13.9	0.92	0.19
15083005-112	0.03692 ± 0.00112	0.2892 ± 0.0214	233.7 ± 7.1	257.9 ± 19.1	0.53	0.00	15083005-163	0.02953 ± 0.00052	0.3080 ± 0.0127	187.6 ± 3.3	272.6 ± 11.2	0.25	0.05
15083005-113	0.01953 ± 0.00039	0.1604 ± 0.0103	124.7 ± 2.5	151.0 ± 9.7	0.16	0.00	15083005-164	0.03251 ± 0.00071	0.2562 ± 0.0187	206.2 ± 6.4	231.6 ± 16.9	0.68	0.45
15083005-114	0.01774 ± 0.00029	0.1326 ± 0.0057	113.3 ± 1.9	126.4 ± 5.5	0.51	0.22	15083005-165	0.02774 ± 0.00056	0.2253 ± 0.0142	176.4 ± 3.6	206.3 ± 13.0	0.40	3.91
15083005-115	0.32735 ± 0.00482	5.2058 ± 0.1327	1825.5 ± 26.9	1855.5 ± 47.2	0.13	0.24	15083005-166	0.03415 ± 0.00081	0.2602 ± 0.0220	216.4 ± 5.1	234.8 ± 19.8	0.46	0.48
15083005-116	0.02963 ± 0.00057	0.1939 ± 0.0127	188.2 ± 3.6	180.0 ± 11.8	0.39	0.00	15083005-167	0.03691 ± 0.00078	0.4322 ± 0.0246	233.6 ± 4.9	364.7 ± 20.7	0.20	5.01
15083005-117	0.02732 ± 0.00049	0.1960 ± 0.0107	173.8 ± 3.1	181.7 ± 9.9	0.19	0.34	15083005-168	0.02839 ± 0.00057	0.2173 ± 0.0123	180.5 ± 3.6	199.7 ± 11.3	0.28	0.06
15083005-118	0.37326 ± 0.00583	6.6122 ± 0.1960	2044.7 ± 31.9	2060.9 ± 61.1	0.38	0.08	15083005-169	0.03004 ± 0.00064	0.2171 ± 0.0141	190.8 ± 4.0	199.5 ± 12.9	0.28	0.00
15083005-119	0.30326 ± 0.00435	4.7368 ± 0.1096	1707.4 ± 24.5	1773.7 ± 41.0	0.13	0.06	15083005-170	0.25550 ± 0.00434	3.9816 ± 0.1085	1466.8 ± 24.9	1630.4 ± 44.4	0.12	0.00
15083005-120	0.03750 ± 0.00078	0.2308 ± 0.0182	237.3 ± 5.0	210.9 ± 16.6	0.42	1.22	15083005-171	0.01754 ± 0.00042	0.1339 ± 0.0106	112.1 ± 2.7	127.6 ± 10.1	0.33	0.00
15083005-121	0.04466 ± 0.00057	0.3154 ± 0.0167	281.7 ± 3.6	278.4 ± 14.8	0.37	0.00	15083005-172	0.00035 ± 0.00005	0.0359 ± 0.0102	2.2 ± 0.4	35.8 ± 10.2	0.82	571.18
15083005-122	0.01780 ± 0.00032	0.1276 ± 0.0099	113.7 ± 2.0	121.9 ± 9.5	0.36	0.00	15083005-173	0.02963 ± 0.00061	0.2109 ± 0.0129	188.2 ± 3.9	194.3 ± 11.9	0.20	0.00
15083005-123	0.30051 ± 0.00224	4.5552 ± 0.0803	1693.9 ± 12.6	1741.1 ± 30.7	0.10	0.01	15083005-174	0.40476 ± 0.00695	7.0524 ± 0.1951	2190.9 ± 37.6	2118.0 ± 58.6	0.16	0.00
15083005-124	0.01988 ± 0.00045	0.1828 ± 0.0164	126.9 ± 2.9	170.5 ± 15.3	1.00	0.82	15083005-175	0.02887 ± 0.00056	0.3712 ± 0.0162	183.5 ± 3.6	320.5 ± 14.0	0.26	7.80
15083005-125	0.36422 ± 0.00249	5.6751 ± 0.0835	2002.1 ± 13.7	1927.5 ± 28.4	0.10	0.07	15083005-176	0.02957 ± 0.00103	0.2787 ± 0.0382	187.9 ± 6.6	249.6 ± 34.2	0.62	12.01
15083005-126	0.02768 ± 0.00037	0.2338 ± 0.0120	176.0 ± 2.3	213.3 ± 11.0	0.27	0.59	15083005-177	0.02721 ± 0.00042	0.1895 ± 0.0102	173.1 ± 2.6	176.2 ± 9.5	1.12	0.00
15083005-127	0.31909 ± 0.00249	5.0776 ± 0.0963	1785.3 ± 14.0	1832.3 ± 34.7	0.17	0.08	15083005-178	0.04131 ± 0.00056	0.4992 ± 0.0173	261.0 ± 3.5	411.2 ± 14.2	0.21	0.38
15083005-128	0.03113 ± 0.00052	0.2457 ± 0.0147	197.6 ± 3.3	223.0 ± 13.4	0.36	1.58	15083005-179	0.30179 ± 0.00326	5.7206 ± 0.0991	1700.2 ± 18.4	1934.4 ± 33.5	0.14	0.10
15083005-129	0.27092 ± 0.00330	4.2831 ± 0.1124	1545.4 ± 18.8	1690.1 ± 44.3	0.52	0.53	15083005-180	0.02787 ± 0.00054	0.1883 ± 0.0148	177.2 ± 3.4	175.2 ± 13.8	0.74	0.34
15083005-130	0.01927 ± 0.00052	0.2925 ± 0.0246	123.0 ± 3.3	260.5 ± 21.9	0.93	22.26	15083005-181	0.33403 ± 0.00382	5.2399 ± 0.1120	1857.9 ± 21.3	1859.1 ± 39.7	0.38	0.13
15083005-131	0.02613 ± 0.00040	0.1738 ± 0.0098	166.3 ± 2.5	162.7 ± 9.2	0.37	0.00	15083005-182	0.03563 ± 0.00054	0.2500 ± 0.0133	225.7 ± 3.4	226.6 ± 12.1	0.61	0.56
15083005-132	0.02917 ± 0.00066	0.6650 ± 0.0396	185.3 ± 4.2	517.6 ± 30.8	1.37	5.06	15083005-183	0.03555 ± 0.00117	0.8702 ± 0.0716	225.2 ± 7.4	635.6 ± 52.3	0.99	0.00
15083005-133	0.02987 ± 0.00077	0.2079 ± 0.0233	189.7 ± 4.9	191.8 ± 21.5	0.79	0.00	15083005-184	0.01940 ± 0.00044	0.1339 ± 0.0108	123.8 ± 2.8	127.6 ± 10.3	0.48	0.00
15083005-134	0.22314 ± 0.00242	3.4041 ± 0.0662	1298.4 ± 14.1	1505.3 ± 29.3	0.15	0.08	15083005-185	0.02867 ± 0.00054	0.3529 ± 0.0150	182.2 ± 3.4	306.9 ± 13.1	0.52	5.86
15083005-135	0.01839 ± 0.00035	0.1184 ± 0.0096	117.5 ± 2.3	113.6 ± 9.2	1.01	1.32	15083005-186	0.01772 ± 0.00051	0.3133 ± 0.0245	113.2 ± 3.3	276.7 ± 21.7	0.78	3.29
15083005-136	0.02261 ± 0.00051	0.1657 ± 0.0142	144.2 ± 3.2	155.7 ± 13.3	0.98	1.12	15083005-187	0.02829 ± 0.00066	0.2008 ± 0.0166	179.8 ± 4.2	185.8 ± 15.3	0.58	0.53
15083005-137	0.38766 ± 0.00490	6.8870 ± 0.1697	2112.0 ± 26.7	2096.9 ± 51.7	0.39	0.00	15083005-188	0.03113 ± 0.00083	0.2342 ± 0.0234	197.6 ± 5.3	213.6 ± 21.3	0.35	5.45
15083005-138	0.02889 ± 0.00048	0.2830 ± 0.0146	183.6 ± 3.1	253.0 ± 13.0	0.19	2.64	15083005-189	0.31788 ± 0.00552	5.2878 ± 0.1647	1779.4 ± 30.9	1866.8 ± 58.2	0.31	0.00
15083005-139	0.30604 ± 0.00378	5.0046 ± 0.1183	1721.2 ± 21.2	1820.0 ± 43.0	0.54	0.60	15083005-190	0.03802 ± 0.00074	0.2704 ± 0.0157	240.5 ± 4.7	243.0 ± 14.1	0.32	1.11
15083005-140	0.01900 ± 0.00040	0.2540 ± 0.0160	121.4 ± 2.6	229.8 ± 14.5	0.68	5.99	15083005-191	0.04197 ± 0.00075	0.3086 ± 0.0191	265.0 ± 4.7	273.1 ± 16.9	0.51	0.00
15083005-141	0.29710 ± 0.00351	4.7544 ± 0.0990	1676.9 ± 19.8	1776.8 ± 37.0	0.11	0.00	15083005-192	0.03269 ± 0.00052	0.2235 ± 0.0114	204.7 ± 3.3	204.8 ± 10.4	0.24	0.33
15083005-142	0.02480 ± 0.00037	0.1896 ± 0.0088	157.9 ± 2.3	176.3 ± 8.1	0.11	1.01	15083005-193	0.02111 ± 0.00046	0.1757 ± 0.0142	134.7 ± 3.0	164.3 ± 13.3	0.89	2.24
15083005-143	0.01680 ± 0.00049	0.1573 ± 0.0162	107.4 ± 3.1	148.3 ± 15.3	0.34	15.26	15083005-194	0.30654 ± 0.00389	4.7413 ± 0.1064	1723.6 ± 21.8	1774.5 ± 39.8	0.04	0.01
15083005-144	0.03035 ± 0.00092	0.2696 ± 0.0269	192.8 ± 5.8	242.4 ± 24.2	0.46	2.75	15083005-195	0.39206 ± 0.00552	7.2371 ± 0.2084	2132.4 ± 30.0	2141.0 ± 61.7	0.52	0.29
15083005-145	0.03657 ± 0.00077	0.2725 ± 0.0117	231.5 ± 4.9	244.7 ± 10.5	0.16	0.51	15083005-196	0.02846 ± 0.00044	0.2040 ± 0.0098	180.9 ± 2.8	188.5 ± 9.0	0.35	0.28
15083005-146	0.32564 ± 0.00663	5.1548 ± 0.1581	1817.2 ± 37.0	1845.1 ± 56.6	0.54	0.00	15083005-197	0.03227 ± 0.00062	0.5658 ± 0.0289	204.8 ± 4.0	455.3 ± 23.2	0.25	12.27
15083005-147	0.04758 ± 0.00152	0.8505 ± 0.0700	299.6 ± 9.6	624.9 ± 51.5	1.14	7.84	15083005-198	0.01989 ± 0.00043	0.1270 ± 0.0111	127.0 ± 2.7	121.4 ± 10.6	0.98	0.00
15083005-148	0.02851 ± 0.00064	0.2044 ± 0.0112	181.2 ± 4.0	188.8 ± 10.3	0.08	0.04							
15083005-149	0.03044 ± 0.00083	0.2297 ± 0.0204	193.3 ± 5.3	209.9 ± 18.6	0.59	0.00							
15083005-150	0.15424 ± 0.00312	2.3082 ± 0.0692	924.7 ± 18.7	1214.8 ± 36.4	0.09	0.21							
15083005-151	0.26498 ± 0.00538	4.0960 ± 0.1242	1515.3 ± 30.8	1653.4 ± 50.2	0.11	0.12							
15083005-152	0.02709 ± 0.00055	0.2634 ± 0.0127	172.3 ± 3.5	237.4 ± 11.4	0.37	3.02							