付表１．本研究で得られたジルコンU-Pb年代データ．誤差は2σ．灰色部のデータはディスコーダントデータ．

Sample SS1

No.	Isotopic ratio						Age(Ma)						Th/U
	$^{206}Pb/^{238}U$			$^{207}Pb/^{235}U$			$^{207}Pb/^{206}Pb$			$^{238}U/^{206}Pb$ (Ma)			$^{235}U/^{207}Pb$ (Ma)			$^{207}Pb/^{206}Pb$(Ma)			
SS1-1	0.35728	±	0.01372	5.68046	±	0.28162	0.1153	±	0.0036	1969.3	±	75.6	1928.3	±	95.6	1,885	±	59	0.21
SS1-2	0.47099	±	0.01791	9.40995	±	0.43485	0.1457	±	0.0038	2487.9	±	94.6	2384.0	±	110.2	2,297	±	60	0.48
SS1-3	0.35428	±	0.01360	5.32364	±	0.26438	0.1113	±	0.0035	1955.0	±	75.1	1890.7	±	93.9	1,821	±	57	0.12
SS1-4	0.36528	±	0.01375	6.06114	±	0.26908	0.1208	±	0.0028	2007.2	±	75.6	1987.8	±	88.2	1,968	±	46	0.04
SS1-5	0.34646	±	0.01307	5.50131	±	0.24726	0.1152	±	0.0028	1917.7	±	72.3	1900.7	±	85.4	1,883	±	46	0.71
SS1-6	0.02916	±	0.00125	0.19700	±	0.02080	0.0514	±	0.0050	185.3	±	8.0	190.6	±	20.1	257	±	25	1.48
SS1-7	0.34226	±	0.01307	5.35863	±	0.25855	0.1136	±	0.0033	1897.5	±	72.5	1878.2	±	90.6	1,858	±	55	0.16
SS1-8	0.34797	±	0.01334	5.51167	±	0.24426	0.1151	±	0.0026	1924.9	±	73.8	1903.7	±	84.4	1,881	±	42	0.10
SS1-9	0.37561	±	0.00544	5.95958	±	0.17016	0.1151	±	0.0028	2055.7	±	29.8	1970.0	±	56.2	1,882	±	46	0.13
SS1-10	0.34741	±	0.00501	5.44381	±	0.15479	0.1146	±	0.0028	1922.2	±	27.7	1898.7	±	54.0	1,874	±	46	0.11
SS1-11	0.34761	±	0.00544	5.59528	±	0.18570	0.1189	±	0.0035	1923.2	±	30.1	1931.4	±	64.1	1,941	±	57	0.19
SS1-12	0.41788	±	0.00635	7.14869	±	0.21976	0.1246	±	0.0033	2250.9	±	34.2	2134.0	±	65.6	2,024	±	54	0.27
SS1-13	0.35170	±	0.00512	5.42260	±	0.15801	0.1118	±	0.0028	1942.7	±	28.3	1888.4	±	55.0	1,830	±	46	0.29
SS1-14	0.35646	±	0.00548	5.59102	±	0.18078	0.1142	±	0.0032	1965.4	±	30.2	1918.0	±	62.0	1,868	±	53	0.21
SS1-15	0.35292	±	0.00506	5.56124	±	0.15650	0.1143	±	0.0028	1948.5	±	28.0	1910.1	±	53.8	1,869	±	45	0.06
SS1-16	0.49799	±	0.00721	12.33355	±	0.32435	0.1812	±	0.0040	2605.1	±	37.7	2638.4	±	69.4	2,665	±	59	0.55
SS1-17	0.33652	±	0.00509	5.35110	±	0.16826	0.1153	±	0.0032	1869.9	±	28.3	1877.0	±	59.0	1,886	±	52	0.54
SS1-18	0.36170	±	0.01667	5.69213	±	0.31266	0.1143	±	0.0034	1990.2	±	91.7	1931.5	±	106.1	1,870	±	56	0.05
SS1-19	0.35063	±	0.01633	5.72857	±	0.33689	0.1185	±	0.0043	1937.6	±	90.3	1935.6	±	113.8	1,934	±	69	0.13
SS1-20	0.62118	±	0.02943	20.13498	±	1.21383	0.2366	±	0.0088	3114.6	±	147.6	3103.8	±	187.1	3,098	±	115	0.44
SS1-21	0.36995	±	0.01720	5.88129	±	0.34264	0.1153	±	0.0040	2029.2	±	94.4	1958.4	±	114.1	1,885	±	66	0.16
SS1-22	0.08299	±	0.00400	0.64861	±	0.05437	0.0569	±	0.0039	514.0	±	24.8	509.4	±	42.7	489	±	34	0.40
SS1-23	0.35707	±	0.01655	5.81758	±	0.33108	0.1184	±	0.0039	1968.3	±	91.2	1950.9	±	111.0	1,933	±	64	0.35
SS1-24	0.03264	±	0.00186	0.16513	±	0.02532	0.0616	±	0.0088	207.1	±	11.8	248.6	±	38.1	662	±	94	0.79
SS1-25	0.35802	±	0.01657	5.67659	±	0.32029	0.1158	±	0.0037	1972.8	±	91.3	1933.7	±	109.1	1,893	±	61	0.03
SS1-26	0.34733	±	0.01610	5.53945	±	0.31541	0.1157	±	0.0038	1921.8	±	89.1	1906.7	±	108.6	1,891	±	63	0.07
SS1-27	0.37292	±	0.01056	5.81358	±	0.24534	0.1131	±	0.0035	2043.1	±	57.9	1948.4	±	82.2	1,850	±	58	0.16
SS1-28	0.36728	±	0.01021	6.01285	±	0.23084	0.1187	±	0.0031	2016.6	±	56.1	1977.6	±	75.9	1,938	±	51	0.02
SS1-29	0.33755	±	0.00956	5.41699	±	0.22759	0.1167	±	0.0036	1874.9	±	53.1	1890.0	±	79.4	1,907	±	59	0.90
SS1-30	0.35910	±	0.01000	5.64737	±	0.21877	0.1142	±	0.0031	1977.9	±	55.1	1924.5	±	74.5	1,868	±	50	0.03
SS1-31	0.36571	±	0.01030	5.73658	±	0.23536	0.1141	±	0.0034	2009.2	±	56.6	1939.7	±	79.6	1,867	±	56	0.12
SS1-32	0.30721	±	0.00869	4.55264	±	0.19232	0.1088	±	0.0034	1727.0	±	48.9	1750.4	±	73.9	1,779	±	56	0.22
SS1-33	0.36347	±	0.01066	5.51714	±	0.27084	0.1101	±	0.0043	1998.6	±	58.6	1903.2	±	93.4	1,801	±	71	0.69
SS1-34	0.51132	±	0.01495	11.50301	±	0.51823	0.1632	±	0.0056	2662.2	±	77.8	2564.7	±	115.5	2,489	±	85	0.61
SS1-35	0.03326	±	0.00166	0.16624	±	0.03097	0.0506	±	0.0091	210.9	±	10.5	211.9	±	39.5	224	±	40	0.68
SS1-36	0.19571	±	0.00612	3.30239	±	0.15507	0.1274	±	0.0045	1152.2	±	36.0	1513.1	±	71.1	2,063	±	72	0.22
SS1-37	0.03858	±	0.00140	0.22636	±	0.02199	0.0522	±	0.0047	244.0	±	8.8	248.8	±	24.2	294	±	27	0.53
SS1-38	0.34931	±	0.01106	5.35446	±	0.26679	0.1112	±	0.0043	1931.3	±	61.1	1877.5	±	93.5	1,819	±	70	0.15
SS1-39	0.36510	±	0.01166	5.69084	±	0.29300	0.1130	±	0.0046	2006.3	±	64.1	1929.9	±	99.4	1,849	±	75	0.24
SS1-40	0.34812	±	0.01115	5.41216	±	0.28151	0.1140	±	0.0047	1925.6	±	61.7	1896.0	±	98.6	1,864	±	76	0.12
SS1-41	0.36255	±	0.01156	5.74101	±	0.29322	0.1148	±	0.0046	1994.3	±	63.6	1937.5	±	99.0	1,878	±	75	0.16
SS1-42	0.30344	±	0.00968	4.81707	±	0.24684	0.1159	±	0.0046	1708.3	±	54.5	1793.1	±	91.9	1,894	±	76	0.16
SS1-43	0.36533	±	0.01150	5.95246	±	0.28860	0.1187	±	0.0044	2007.4	±	63.2	1972.6	±	95.6	1,937	±	71	0.13
SS1-44	0.02892	±	0.00101	0.19247	±	0.01995	0.0521	±	0.0051	183.8	±	6.4	191.5	±	19.9	288	±	28	0.27
SS1-45	0.36464	±	0.01039	5.74696	±	0.21911	0.1152	±	0.0029	2004.1	±	57.1	1944.9	±	74.2	1,883	±	48	0.09
SS1-46	0.03014	±	0.00131	0.05862	±	0.00734	0.0902	±	0.0106	191.4	±	8.3	323.3	±	40.5	1,431	±	168	0.57
SS1-47	0.33950	±	0.00962	5.31811	±	0.19714	0.1142	±	0.0027	1884.2	±	53.4	1876.0	±	69.5	1,868	±	45	0.03
SS1-48	0.37671	±	0.01083	6.14030	±	0.24495	0.1188	±	0.0033	2060.9	±	59.3	2000.1	±	79.8	1,938	±	54	0.12
SS1-49	0.35243	±	0.01026	5.66421	±	0.24119	0.1171	±	0.0036	1946.2	±	56.7	1929.7	±	82.2	1,913	±	59	0.10
SS1-50	0.03283	±	0.00192	0.22457	±	0.05585	0.0496	±	0.0120	208.2	±	12.2	205.7	±	51.2	177	±	43	0.45
SS1-51	0.35667	±	0.01008	5.64260	±	0.20495	0.1157	±	0.0026	1966.4	±	55.6	1930.0	±	70.1	1,892	±	43	0.10
SS1-52	0.35290	±	0.01036	5.56070	±	0.24563	0.1162	±	0.0038	1948.4	±	57.2	1924.5	±	85.0	1,899	±	63	0.29
SS1-53	0.21967	±	0.00536	3.31818	±	0.14416	0.1101	±	0.0040	1280.1	±	31.2	1489.2	±	64.7	1,802	±	65	0.23
SS1-54	0.03068	±	0.00114	0.21406	±	0.02975	0.0506	±	0.0068	194.8	±	7.2	196.9	±	27.4	223	±	30	0.76
SS1-55	0.35335	±	0.00865	5.48585	±	0.23963	0.1136	±	0.0041	1950.6	±	47.8	1906.0	±	83.3	1,858	±	67	0.15
SS1-56	0.34408	±	0.00852	5.40146	±	0.24452	0.1139	±	0.0043	1906.3	±	47.2	1885.0	±	85.3	1,862	±	71	0.31
SS1-57	0.03401	±	0.00149	0.26738	±	0.04471	0.0570	±	0.0092	215.6	±	9.5	240.6	±	40.2	493	±	80	0.36
SS1-58	0.35745	±	0.00873	5.56152	±	0.24066	0.1129	±	0.0040	1970.1	±	48.1	1910.5	±	82.7	1,847	±	66	0.12
SS1-59	0.02803	±	0.00074	0.17617	±	0.01215	0.0502	±	0.0032	178.2	±	4.7	179.9	±	12.4	203	±	13	0.71
SS1-60	0.35351	±	0.00844	5.62302	±	0.22498	0.1154	±	0.0037	1951.3	±	46.6	1919.6	±	76.8	1,886	±	61	0.02
SS1-61	0.45907	±	0.00836	10.72781	±	0.30091	0.1700	±	0.0036	2435.5	±	44.4	2502.6	±	70.2	2,558	±	55	0.08
SS1-62	0.35029	±	0.00636	5.47209	±	0.16009	0.1137	±	0.0026	1936.0	±	35.1	1899.3	±	55.6	1,860	±	43	0.19
SS1-63	0.41709	±	0.00748	8.07102	±	0.21948	0.1403	±	0.0029	2247.2	±	40.3	2238.9	±	60.9	2,232	±	46	0.28

SS1-64	0.35787	±	0.00675	5.65405	±	0.18837	0.1155	±	0.0032	1972.1	±	37.2	1931.4	±	64.3	1,889	±	52	0.17
SS1-65	0.03365	±	0.00111	0.18334	±	0.02361	0.0563	±	0.0070	213.4	±	7.1	235.8	±	30.4	466	±	58	0.24
SS1-66	0.03030	±	0.00093	0.28021	±	0.03021	0.0671	±	0.0069	192.4	±	5.9	250.8	±	27.0	841	±	87	0.22
SS1-67	0.37390	±	0.00682	5.77233	±	0.17240	0.1120	±	0.0026	2047.7	±	37.4	1942.4	±	58.0	1,833	±	43	0.14
SS1-68	0.36888	±	0.00693	5.77003	±	0.19104	0.1134	±	0.0031	2024.1	±	38.0	1941.9	±	64.3	1,856	±	51	0.19
SS1-69	0.35366	±	0.00671	5.50326	±	0.18807	0.1134	±	0.0032	1952.1	±	37.0	1905.5	±	65.1	1,856	±	53	0.08
SS1-70	0.36403	±	0.00551	5.76548	±	0.17693	0.1149	±	0.0031	2001.2	±	30.3	1941.2	±	59.6	1,878	±	50	0.30
SS1-71	0.31657	±	0.00469	5.11781	±	0.14821	0.1184	±	0.0029	1773.0	±	26.3	1847.4	±	53.5	1,933	±	48	0.17
SS1-72	0.36560	±	0.00556	6.03599	±	0.18612	0.1197	±	0.0032	2008.6	±	30.6	1981.0	±	61.1	1,953	±	52	0.23
SS1-73	0.03824	±	0.00080	0.29400	±	0.02206	0.0558	±	0.0040	241.9	±	5.1	261.7	±	19.6	444	±	32	0.99
SS1-74	0.38185	±	0.00525	6.07801	±	0.14080	0.1154	±	0.0022	2084.9	±	28.7	1987.0	±	46.0	1,887	±	35	0.07
SS1-75	0.35642	±	0.00520	5.62452	±	0.15770	0.1145	±	0.0027	1965.2	±	28.7	1919.8	±	53.8	1,872	±	45	0.23
SS1-76	0.04387	±	0.00112	0.33062	±	0.03315	0.0547	±	0.0053	276.8	±	7.1	290.0	±	29.1	399	±	39	0.49
SS1-77	0.03298	±	0.00101	0.24467	±	0.03104	0.0538	±	0.0066	209.2	±	6.4	222.2	±	28.2	363	±	45	0.59
SS1-78	0.35613	±	0.00567	5.68200	±	0.19564	0.1161	±	0.0035	1963.8	±	31.3	1931.2	±	66.5	1,897	±	58	0.39
SS1-79	0.37579	±	0.00801	5.95573	±	0.20024	0.1155	±	0.0030	2056.6	±	43.8	1973.6	±	66.4	1,888	±	49	0.12
SS1-80	0.40242	±	0.00862	7.12147	±	0.24003	0.1283	±	0.0033	2180.2	±	46.7	2126.7	±	71.7	2,076	±	54	0.45
SS1-81	0.38886	±	0.00816	6.67898	±	0.20867	0.1246	±	0.0029	2117.6	±	44.4	2069.8	±	64.7	2,023	±	47	2.01
SS1-82	0.35404	±	0.00752	5.54147	±	0.18369	0.1135	±	0.0029	1953.9	±	41.5	1907.0	±	63.2	1,857	±	47	0.10
SS1-83	0.36602	±	0.00783	5.73854	±	0.19576	0.1137	±	0.0030	2010.7	±	43.0	1937.1	±	66.1	1,860	±	49	0.12
SS1-84	0.46031	±	0.00961	9.88018	±	0.29657	0.1557	±	0.0034	2440.9	±	51.0	2423.6	±	72.7	2,410	±	52	0.78
SS1-85	0.42699	±	0.00891	7.76179	±	0.23466	0.1318	±	0.0029	2292.1	±	47.8	2203.7	±	66.6	2,123	±	46	0.57
SS1-86	0.03516	±	0.00138	0.31085	±	0.04459	0.0641	±	0.0088	222.8	±	8.8	274.8	±	39.4	746	±	103	0.91
SS1-87	0.37100	±	0.01011	5.80421	±	0.24646	0.1135	±	0.0037	2034.1	±	55.4	1947.5	±	82.7	1,857	±	60	0.21
SS1-88	0.36414	±	0.00991	5.59189	±	0.23701	0.1114	±	0.0036	2001.8	±	54.5	1914.8	±	81.2	1,822	±	59	0.11
SS1-89	0.39105	±	0.01074	6.98348	±	0.30021	0.1295	±	0.0043	2127.7	±	58.4	2109.4	±	90.7	2,092	±	69	0.14
SS1-90	0.03783	±	0.00175	0.01936	±	0.00339	0.0561	±	0.0095	239.4	±	11.1	260.6	±	45.7	457	±	77	0.47
SS1-91	0.38292	±	0.01045	6.68611	±	0.28300	0.1273	±	0.0041	2089.9	±	57.1	2075.4	±	87.8	2,062	±	67	0.67
SS1-92	0.34637	±	0.00931	5.67120	±	0.22909	0.1189	±	0.0036	1917.2	±	51.5	1928.3	±	77.9	1,941	±	59	0.30
SS1-93	0.53830	±	0.01453	12.74805	±	0.50934	0.1718	±	0.0051	2776.3	±	74.9	2661.1	±	106.3	2,575	±	76	0.42
SS1-94	0.36527	±	0.00984	5.68774	±	0.17610	0.1136	±	0.0017	2007.1	±	54.1	1934.5	±	59.9	1,858	±	28	0.05
SS1-95	0.35065	±	0.00976	5.50599	±	0.20386	0.1139	±	0.0028	1937.7	±	54.0	1901.5	±	70.4	1,863	±	45	0.29
SS1-96	0.38940	±	0.00817	6.12650	±	0.20003	0.1149	±	0.0029	2120.0	±	44.5	1999.7	±	65.3	1,878	±	47	0.26
SS1-97	0.35812	±	0.00755	5.70650	±	0.18992	0.1156	±	0.0030	1973.2	±	41.6	1932.3	±	64.3	1,889	±	49	0.17
SS1-98	0.43816	±	0.01241	8.47169	±	0.49155	0.1449	±	0.0073	2342.4	±	66.3	2312.8	±	134.2	2,287	±	116	0.62
SS1-99	0.03458	±	0.00114	0.23581	±	0.02966	0.0495	±	0.0060	219.2	±	7.2	215.0	±	27.0	170	±	21	0.80
SS1-100	0.35096	±	0.00779	5.45170	±	0.21256	0.1139	±	0.0037	1939.2	±	43.0	1902.6	±	74.2	1,863	±	60	0.33
SS1-101	0.03454	±	0.00134	0.24591	±	0.03476	0.0631	±	0.0086	218.9	±	8.5	267.0	±	37.7	714	±	97	0.56
SS1-102	0.50293	±	0.01206	11.95335	±	0.48544	0.1767	±	0.0058	2626.4	±	63.0	2623.8	±	106.6	2,623	±	86	1.69
SS1-103	0.45573	±	0.00927	9.63055	±	0.26947	0.1533	±	0.0029	2420.7	±	49.2	2400.3	±	67.2	2,384	±	46	0.28
SS1-104	0.29081	±	0.00606	4.60265	±	0.14881	0.1150	±	0.0028	1645.6	±	34.3	1751.2	±	56.6	1,880	±	46	0.38
SS1-105	0.36383	±	0.01124	5.75019	±	0.24391	0.1148	±	0.0033	2000.3	±	61.8	1940.0	±	82.3	1,877	±	55	0.13
SS1-106	0.03510	±	0.00115	0.22955	±	0.01674	0.0474	±	0.0031	222.4	±	7.3	209.8	±	15.3	72	±	5	0.76
SS1-107	0.34904	±	0.01045	5.41600	±	0.18969	0.1126	±	0.0020	1930.0	±	57.8	1887.7	±	66.1	1,842	±	33	0.06
SS1-108	0.35294	±	0.01104	5.43308	±	0.24547	0.1154	±	0.0038	1948.6	±	60.9	1918.1	±	86.7	1,886	±	62	0.24
SS1-109	0.34869	±	0.01091	5.46588	±	0.24744	0.1154	±	0.0038	1928.3	±	60.3	1908.1	±	86.4	1,887	±	62	0.35
SS1-110	0.02673	±	0.00089	0.17819	±	0.01411	0.0494	±	0.0035	170.0	±	5.7	169.8	±	13.4	168	±	12	0.38
SS1-111	0.35444	±	0.01112	5.35982	±	0.24751	0.1109	±	0.0038	1955.8	±	61.3	1888.0	±	87.2	1,815	±	62	0.56
SS1-112	0.03439	±	0.00143	0.24435	±	0.03395	0.0515	±	0.0068	218.0	±	9.0	222.0	±	30.8	265	±	35	0.93
SS1-113	0.06144	±	0.00163	0.43950	±	0.02589	0.0545	±	0.0029	384.4	±	10.2	385.6	±	22.7	393	±	21	0.34
SS1-114	0.36854	±	0.00961	6.30204	±	0.27386	0.1240	±	0.0043	2022.5	±	52.8	2018.7	±	87.7	2,015	±	70	0.41
SS1-115	0.38378	±	0.00972	6.73510	±	0.26106	0.1273	±	0.0037	2093.9	±	53.0	2077.2	±	80.5	2,061	±	60	0.31
SS1-116	0.39154	±	0.00965	8.33598	±	0.28185	0.1555	±	0.0036	2130.0	±	52.5	2274.6	±	76.9	2,408	±	56	0.50
SS1-117	0.34404	±	0.00860	5.45984	±	0.20320	0.1151	±	0.0032	1906.1	±	47.6	1894.2	±	70.5	1,882	±	52	0.16
SS1-118	0.39344	±	0.00969	6.47718	±	0.22303	0.1194	±	0.0029	2138.8	±	52.7	2042.7	±	70.3	1,948	±	47	0.31
SS1-119	0.03770	±	0.00135	0.13440	±	0.01629	0.0576	±	0.0067	238.6	±	8.5	266.1	±	32.2	516	±	60	1.25
SS1-120	0.03187	±	0.00126	0.24014	±	0.03518	0.0546	±	0.0077	202.3	±	8.0	218.5	±	32.0	398	±	56	0.53
SS1-121	0.03498	±	0.00112	0.25525	±	0.02599	0.0529	±	0.0051	221.6	±	7.1	230.8	±	23.5	326	±	32	0.24
SS1-122	0.03675	±	0.00106	0.24914	±	0.02586	0.0492	±	0.0049	232.7	±	6.7	225.9	±	23.4	156	±	16	0.58
SS1-123	0.43046	±	0.00920	8.13115	±	0.28907	0.1370	±	0.0039	2307.8	±	49.3	2245.6	±	79.8	2,190	±	62	0.50
SS1-124	0.35975	±	0.00739	5.78165	±	0.18456	0.1173	±	0.0029	1981.0	±	40.7	1949.3	±	62.2	1,916	±	47	0.20
SS1-125	0.37400	±	0.00770	5.89127	±	0.19020	0.1156	±	0.0029	2048.2	±	42.1	1970.2	±	63.6	1,890	±	47	0.67
SS1-126	0.24074	±	0.00474	3.57233	±	0.09366	0.1089	±	0.0019	1390.5	±	27.4	1552.6	±	40.7	1,781	±	31	0.09
SS1-127	0.17329	±	0.00357	2.68809	±	0.08875	0.1125	±	0.0029	1030.2	±	21.2	1325.1	±	43.8	1,841	±	47	0.50
SS1-128	0.05500	±	0.00153	0.42121	±	0.03924	0.0555	±	0.0049	345.1	±	9.6	356.9	±	33.2	435	±	39	0.24
SS1-129	0.02522	±	0.00061	0.14044	±	0.01026	0.0469	±	0.0032	160.6	±	3.9	153.3	±	11.2	43	±	3	0.44
SS1-130	0.34429	±	0.00759	4.76822	±	0.19803	0.1101	±	0.0039	1907.3	±	42.0	1856.5	±	77.1	1,801	±	63	0.54

SS1-131	0.48637	±	0.01320	12.39165	±	0.42399	0.1850	±	0.0039	2554.9	±	69.3	2635.5	±	90.2	2,699	±	56	0.12
SS1-132	0.37865	±	0.01023	6.98019	±	0.23728	0.1338	±	0.0028	2070.0	±	55.9	2109.4	±	71.7	2,149	±	44	0.20
SS1-133	0.44135	±	0.01204	9.18802	±	0.32604	0.1510	±	0.0034	2356.7	±	64.3	2356.8	±	83.6	2,358	±	54	0.10
SS1-134	0.34657	±	0.00961	5.49939	±	0.21790	0.1156	±	0.0033	1918.2	±	53.2	1904.5	±	75.5	1,890	±	53	0.40
SS1-135	0.34819	±	0.00969	5.46306	±	0.22090	0.1138	±	0.0033	1926.0	±	53.6	1894.7	±	76.6	1,861	±	55	0.24
SS1-136	0.04007	±	0.00126	0.26205	±	0.02216	0.0480	±	0.0038	253.3	±	8.0	239.0	±	20.2	102	±	8	0.77
SS1-137	0.40584	±	0.01094	7.22291	±	0.24237	0.1291	±	0.0026	2195.9	±	59.2	2139.4	±	71.8	2,086	±	42	0.01
SS1-138	0.19176	±	0.00525	2.97879	±	0.11082	0.1138	±	0.0029	1130.9	±	31.0	1409.7	±	52.4	1,861	±	47	0.12
SS1-139	0.38183	±	0.00602	6.45029	±	0.21546	0.1239	±	0.0036	2084.8	±	32.9	2049.2	±	68.4	2,014	±	59	0.97
SS1-140	0.39666	±	0.00554	6.99467	±	0.17197	0.1279	±	0.0026	2153.6	±	30.1	2110.7	±	51.9	2,070	±	42	0.37
SS1-141	0.03638	±	0.00071	0.18687	±	0.01328	0.0464	±	0.0032	230.4	±	4.5	212.7	±	15.1	21	±	1	1.04
SS1-142	0.03205	±	0.00076	0.22847	±	0.02108	0.0517	±	0.0046	203.4	±	4.8	208.9	±	19.3	273	±	24	0.66
SS1-143	0.03275	±	0.00066	0.21661	±	0.01625	0.0480	±	0.0035	207.8	±	4.2	199.1	±	14.9	98	±	7	1.00
SS1-144	0.35559	±	0.00520	5.47583	±	0.15602	0.1120	±	0.0027	1961.2	±	28.7	1899.2	±	54.1	1,833	±	45	0.18
SS1-145	0.36440	±	0.00580	5.69582	±	0.19824	0.1134	±	0.0035	2003.0	±	31.9	1930.7	±	67.2	1,855	±	57	0.19
SS1-146	0.03494	±	0.00075	0.20668	±	0.01686	0.0495	±	0.0039	221.4	±	4.8	217.1	±	17.7	172	±	14	1.02
SS1-147	0.32366	±	0.00481	5.22687	±	0.15384	0.1175	±	0.0030	1807.6	±	26.8	1859.4	±	54.7	1,918	±	49	0.18
SS1-148	0.38259	±	0.00613	6.85709	±	0.17584	0.1311	±	0.0026	2088.4	±	33.4	2100.5	±	53.9	2,113	±	42	0.50
SS1-149	0.37532	±	0.00587	5.78691	±	0.13907	0.1121	±	0.0020	2054.4	±	32.1	1946.3	±	46.8	1,834	±	33	0.12
SS1-150	0.51341	±	0.00869	10.70396	±	0.31345	0.1522	±	0.0036	2671.2	±	45.2	2503.5	±	73.3	2,371	±	57	0.44
SS1-151	0.36347	±	0.00594	5.72649	±	0.16148	0.1157	±	0.0027	1998.6	±	32.7	1946.3	±	54.9	1,892	±	43	0.37
SS1-152	0.48203	±	0.00755	11.20742	±	0.25552	0.1687	±	0.0028	2536.1	±	39.7	2541.0	±	57.9	2,546	±	42	0.11
SS1-153	0.38032	±	0.00625	6.19057	±	0.17663	0.1191	±	0.0028	2077.8	±	34.1	2010.8	±	57.4	1,943	±	45	0.23
SS1-154	0.34504	±	0.00558	5.38709	±	0.14698	0.1132	±	0.0025	1910.9	±	30.9	1882.7	±	51.4	1,852	±	41	0.33
SS1-155	0.03394	±	0.00101	0.22320	±	0.02808	0.0477	±	0.0058	215.2	±	6.4	204.6	±	25.7	85	±	10	0.58
SS1-156	0.03047	±	0.00069	0.17156	±	0.01409	0.0507	±	0.0040	193.5	±	4.4	196.0	±	16.1	227	±	18	0.71
SS1-157	0.35760	±	0.00817	5.60053	±	0.27339	0.1140	±	0.0049	1970.8	±	45.0	1919.2	±	93.7	1,865	±	80	0.59
SS1-158	0.44762	±	0.00861	11.01280	±	0.30209	0.1784	±	0.0035	2384.6	±	45.8	2524.1	±	69.2	2,639	±	52	0.10
SS1-159	0.34718	±	0.00694	5.67067	±	0.18877	0.1185	±	0.0032	1921.1	±	38.4	1926.8	±	64.1	1,934	±	52	0.18
SS1-160	0.43636	±	0.00849	9.39173	±	0.27192	0.1590	±	0.0034	2334.3	±	45.4	2393.9	±	69.3	2,446	±	52	0.33
SS1-161	0.03724	±	0.00110	0.25778	±	0.02816	0.0502	±	0.0053	235.7	±	6.9	232.9	±	25.4	205	±	22	0.72
SS1-162	0.40794	±	0.00852	7.14465	±	0.26816	0.1299	±	0.0040	2205.5	±	46.1	2149.2	±	80.7	2,097	±	65	0.41
SS1-163	0.04029	±	0.00108	0.28323	±	0.02585	0.0532	±	0.0046	254.6	±	6.8	263.1	±	24.0	340	±	30	0.74
SS1-164	0.34654	±	0.00675	5.58043	±	0.16894	0.1168	±	0.0027	1918.0	±	37.4	1913.0	±	57.9	1,908	±	44	0.38
SS1-165	0.20918	±	0.00429	3.24132	±	0.10243	0.1149	±	0.0028	1224.5	±	25.1	1484.5	±	46.9	1,879	±	45	0.31
SS1-166	0.35915	±	0.00743	5.59833	±	0.18248	0.1134	±	0.0029	1978.2	±	40.9	1918.2	±	62.5	1,855	±	47	0.16
SS1-167	0.40855	±	0.00853	7.74538		0.25367	0.1375	±	0.0035	2208.3	±	46.1	2201.8	±	72.1	2,196	±	55	0.46
SS1-168	0.03946	±	0.00146	0.03457		0.00489	0.0568	±	0.0077	249.5	±	9.3	273.3	±	38.7	483	±	66	0.59
SS1-169	0.03748	±	0.00098	0.28320		0.02222	0.0610	±	0.0045	237.2	±	6.2	278.1	±	21.8	639	±	47	0.91
SS1-170	0.03517	±	0.00095	0.18578		0.01716	0.0464	±	0.0041	222.8	±	6.0	206.1	±	19.0	20	±	2	1.29
SS1-171	0.03718	±	0.00080	0.24826		0.01162	0.0509	±	0.0021	235.3	±	5.0	235.3	±	11.0	236	±	10	0.60
SS1-172	0.34177	±	0.00692	5.68405		0.16705	0.1209	±	0.0026	1895.2	±	38.3	1930.7	±	56.7	1,970	±	42	0.32
SS1-173	0.37255	±	0.00773	6.04091		0.19862	0.1176	±	0.0030	2041.4	±	42.4	1981.7	±	65.2	1,921	±	49	0.16
SS1-174	0.34010	±	0.00732	5.44081		0.16905	0.1160	±	0.0026	1887.1	±	40.6	1891.2	±	58.8	1,896	±	42	0.71
SS1-175	0.17237	±	0.00364	2.47030		0.07287	0.1049	±	0.0022	1025.2	±	21.7	1269.8	±	37.5	1,713	±	35	0.02
SS1-176	0.37451	±	0.00795	7.00746		0.20229	0.1359	±	0.0027	2050.6	±	43.5	2113.6	±	61.0	2,176	±	43	0.06
SS1-177	0.35688	±	0.00820	5.57590		0.21700	0.1133	±	0.0036	1967.4	±	45.2	1912.3	±	74.4	1,854	±	58	0.23
SS1-178	0.35031	±	0.00765	5.39343		0.17811	0.1117	±	0.0028	1936.1	±	42.3	1883.7	±	62.2	1,827	±	45	0.20
SS1-179	0.37360	±	0.00818	5.74429		0.19085	0.1115	±	0.0028	2046.3	±	44.8	1938.0	±	64.4	1,825	±	46	0.23
SS1-180	0.03169	±	0.00072	0.21996		0.01115	0.0529	±	0.0024	201.1	±	4.6	211.2	±	10.7	326	±	15	1.53
SS1-181	0.40844	±	0.00881	7.36972		0.20003	0.1309	±	0.0022	2207.8	±	47.6	2157.2	±	58.6	2,110	±	35	0.14
SS1-182	0.03568	±	0.00109	0.24027		0.02574	0.0488	±	0.0050	226.0	±	6.9	218.6	±	23.4	140	±	14	0.43
SS1-183	0.33012	±	0.00773	5.20204		0.19050	0.1143	±	0.0032	1839.0	±	43.0	1853.2	±	67.9	1,870	±	53	0.13
SS1-184	0.43767	±	0.01118	9.01890		0.39687	0.1516	±	0.0054	2340.2	±	59.8	2352.9	±	103.5	2,365	±	85	0.50
SS1-185	0.34807	±	0.00828	5.48314		0.21179	0.1148	±	0.0035	1925.4	±	45.8	1902.1	±	73.5	1,877	±	57	0.18
SS1-186	0.33904	±	0.00816	5.22770		0.20981	0.1120	±	0.0036	1882.1	±	45.3	1858.7	±	74.6	1,833	±	59	0.17
SS1-187	0.33178	±	0.00824	5.00705		0.22021	0.1121	±	0.0041	1847.0	±	45.9	1840.9	±	81.0	1,835	±	67	0.32
SS1-188	0.03525	±	0.00119	0.28391		0.03192	0.0584	±	0.0063	223.3	±	7.5	253.7	±	28.5	546	±	59	0.83
SS1-189	0.35139	±	0.00853	5.42864		0.22324	0.1128	±	0.0037	1941.3	±	47.1	1895.4	±	77.9	1,846	±	61	0.66
SS1-190	0.34444	±	0.00825	5.31641		0.21009	0.1119	±	0.0035	1908.0	±	45.7	1871.4	±	74.0	1,832	±	58	0.30
SS1-191	0.34131	±	0.00868	5.37158		0.21731	0.1156	±	0.0036	1893.0	±	48.2	1890.9	±	76.5	1,889	±	59	0.45
SS1-192	0.37412	±	0.00934	5.82046		0.21772	0.1149	±	0.0032	2048.8	±	51.2	1965.3	±	73.5	1,879	±	52	0.11
SS1-193	0.31360	±	0.00779	4.60088		0.16892	0.1078	±	0.0029	1758.4	±	43.7	1760.0	±	64.6	1,763	±	48	0.05
SS1-194	0.39937	±	0.00996	7.29844		0.26687	0.1325	±	0.0035	2166.2	±	54.0	2148.5	±	78.6	2,132	±	57	0.17
SS1-195	0.04388	±	0.00124	0.32671		0.02239	0.0630	±	0.0039	276.8	±	7.8	327.8	±	22.5	708	±	44	0.40
SS1-196	0.46232	±	0.01144	10.32299		0.35954	0.1619	±	0.0040	2449.8	±	60.6	2464.1	±	85.8	2,477	±	61	0.80
SS1-197	0.34505	±	0.00897	5.47612		0.24048	0.1151	±	0.0041	1910.9	±	49.7	1896.8	±	83.3	1,882	±	67	0.39

SS1-198	0.03688	±	0.00103	0.28472		0.02008	0.0560	±	0.0036	233.5	±	6.5	254.4	±	17.9	452	±	29	0.15
SS1-199	0.20455	±	0.00508	3.01207		0.11056	0.1156	±	0.0031	1199.7	±	29.8	1471.6	±	54.0	1,890	±	51	0.32
SS1-200	0.34237	±	0.00763	5.36657		0.16527	0.1137	±	0.0024	1898.0	±	42.3	1879.5	±	57.9	1,860	±	40	0.10
SS1-201	0.02887	±	0.00082	0.18169		0.01635	0.0501	±	0.0043	183.5	±	5.2	184.8	±	16.6	202	±	17	0.23
SS1-202	0.02725	±	0.00091	0.16698		0.02047	0.0492	±	0.0058	173.3	±	5.8	172.3	±	21.1	160	±	19	0.71
SS1-203	0.03978	±	0.00116	0.26513		0.02548	0.0483	±	0.0044	251.5	±	7.3	238.8	±	22.9	116	±	11	0.57
SS1-204	0.29989	±	0.00682	4.61160		0.15041	0.1459	±	0.0034	1690.7	±	38.4	1980.7	±	64.6	2,299	±	54	0.45
SS1-205	0.04247	±	0.00146	0.33963		0.04070	0.0580	±	0.0067	268.2	±	9.2	296.9	±	35.6	530	±	61	1.03
SS1-206	0.03998	±	0.00152	0.27101		0.04041	0.0492	±	0.0071	252.7	±	9.6	243.5	±	36.3	156	±	22	0.29
SS1-207	0.36934	±	0.00861	6.22983		0.23147	0.1223	±	0.0035	2026.3	±	47.3	2008.6	±	74.6	1,991	±	58	0.40
SS1-208	0.03026	±	0.00128	0.17713		0.03127	0.0479	±	0.0082	192.2	±	8.2	184.9	±	32.6	93	±	16	0.70

Sample SS2

	Isotopic ratio									Age(Ma)									
No.	$^{206}Pb/^{238}U$			$^{207}Pb/^{235}U$			$^{207}Pb/^{206}Pb$			$^{238}U/^{206}Pb$ (Ma)			$^{235}U/^{207}Pb$ (Ma)			$^{207}Pb/^{206}Pb$(Ma)			Th/U
SS2-1	0.34071	±	0.00413	5.2905	±	0.1708	0.1126	±	0.0034	1890.1	±	22.9	1867.3	±	60.3	1,843	±	55	0.17
SS2-2	0.32125	±	0.00459	4.8239	±	0.1912	0.1089	±	0.0040	1795.8	±	25.7	1789.0	±	70.9	1,782	±	66	0.41
SS2-3	0.26121	±	0.00382	3.8992	±	0.1619	0.1083	±	0.0042	1496.0	±	21.9	1613.5	±	67.0	1,771	±	69	0.58
SS2-4	0.42039	±	0.00644	8.2059	±	0.3145	0.1416	±	0.0050	2262.2	±	34.7	2253.9	±	86.4	2,247	±	79	0.39
SS2-5	0.31894	±	0.00318	4.9107	±	0.1258	0.1117	±	0.0026	1784.5	±	17.8	1804.0	±	46.2	1,827	±	43	0.04
SS2-6	0.32726	±	0.00318	5.0568	±	0.1248	0.1121	±	0.0025	1825.1	±	17.7	1828.8	±	45.1	1,834	±	42	0.43
SS2-7	0.04023	±	0.00083	0.2697	±	0.0247	0.0486	±	0.0043	254.3	±	5.2	242.5	±	22.2	130	±	12	0.38
SS2-8	0.32654	±	0.00386	5.1600	±	0.1426	0.1146	±	0.0029	1821.6	±	21.5	1846.0	±	51.0	1,874	±	47	0.24
SS2-9	0.37141	±	0.00687	6.1085	±	0.1865	0.1193	±	0.0029	2036.0	±	37.7	1991.4	±	60.8	1,946	±	47	0.11
SS2-10	0.36557	±	0.00683	5.6454	±	0.1793	0.1120	±	0.0029	2008.5	±	37.5	1923.0	±	61.1	1,833	±	47	0.33
SS2-11	0.49956	±	0.01081	10.9384	±	0.4314	0.1588	±	0.0052	2611.9	±	56.5	2517.8	±	99.3	2,443	±	81	1.42
SS2-12	0.50907	±	0.00961	11.2324	±	0.3362	0.1600	±	0.0037	2652.7	±	50.1	2542.5	±	76.1	2,456	±	57	0.38
SS2-13	0.38878	±	0.00742	6.1923	±	0.2064	0.1155	±	0.0032	2117.2	±	40.4	2003.3	±	66.8	1,888	±	52	0.67
SS2-14	0.37085	±	0.00737	6.4765	±	0.2341	0.1267	±	0.0038	2033.4	±	40.4	2042.6	±	73.8	2,053	±	62	0.26
SS2-15	0.04106	±	0.00191	0.4419	±	0.0743	0.0780	±	0.0126	259.4	±	12.1	371.6	±	62.5	1,148	±	185	0.50
SS2-16	0.34049	±	0.00617	5.2784	±	0.1538	0.1124	±	0.0026	1889.0	±	34.3	1865.3	±	54.4	1,840	±	42	0.13
SS2-17	0.03808	±	0.00127	0.3077	±	0.0388	0.0586	±	0.0071	240.9	±	8.0	272.4	±	34.3	553	±	67	0.19
SS2-18	0.33476	±	0.00659	5.1086	±	0.2071	0.1107	±	0.0039	1861.4	±	36.7	1837.5	±	74.5	1,811	±	64	0.24
SS2-19	0.03282	±	0.00205	0.2500	±	0.0687	0.0552	±	0.0148	208.2	±	13.0	226.6	±	62.2	423	±	113	0.43
SS2-20	0.34714	±	0.00633	6.0960	±	0.1938	0.1274	±	0.0033	1920.9	±	35.0	1989.6	±	63.2	2,062	±	54	0.19
SS2-21	0.47876	±	0.00892	11.4944	±	0.3653	0.1741	±	0.0045	2521.8	±	47.0	2564.0	±	81.5	2,598	±	67	0.50
SS2-22	0.34412	±	0.00658	5.3355	±	0.1993	0.1125	±	0.0036	1906.5	±	36.4	1874.5	±	70.0	1,840	±	59	0.26
SS2-23	0.58255	±	0.01014	17.8195	±	0.4605	0.2219	±	0.0042	2959.1	±	51.5	2979.9	±	77.0	2,995	±	57	0.15
SS2-24	0.35391	±	0.00642	5.2867	±	0.1705	0.1083	±	0.0029	1953.3	±	35.4	1866.6	±	60.2	1,772	±	47	0.12
SS2-25	0.03084	±	0.00071	0.2409	±	0.0177	0.0566	±	0.0039	195.8	±	4.5	219.2	±	16.1	478	±	33	0.25
SS2-26	0.34302	±	0.00662	5.6548	±	0.2138	0.1196	±	0.0039	1901.2	±	36.7	1924.4	±	72.7	1,950	±	63	0.36
SS2-27	0.33294	±	0.00454	5.2215	±	0.1651	0.1137	±	0.0032	1852.6	±	25.3	1856.1	±	58.7	1,861	±	53	0.15
SS2-28	0.43266	±	0.00512	8.6852	±	0.1920	0.1456	±	0.0027	2317.7	±	27.4	2305.4	±	51.0	2,295	±	43	0.61
SS2-29	0.32260	±	0.00388	5.0737	±	0.1218	0.1141	±	0.0024	1802.4	±	21.7	1831.7	±	44.0	1,866	±	39	0.01
SS2-30	0.43093	±	0.00514	9.7666	±	0.2171	0.1644	±	0.0031	2309.9	±	27.6	2412.9	±	53.6	2,502	±	47	0.57
SS2-31	0.32413	±	0.00442	4.9333	±	0.1577	0.1104	±	0.0032	1809.9	±	24.7	1807.9	±	57.8	1,806	±	52	0.22
SS2-32	0.33867	±	0.00458	5.3137	±	0.1655	0.1138	±	0.0032	1880.3	±	25.4	1871.0	±	58.3	1,861	±	52	0.29
SS2-33	0.32238	±	0.00456	5.1271	±	0.1728	0.1153	±	0.0035	1801.4	±	25.5	1840.5	±	62.0	1,886	±	58	0.14
SS2-34	0.03226	±	0.00145	0.2459	±	0.0482	0.0553	±	0.0106	204.7	±	9.2	223.2	±	43.8	425	±	81	0.57
SS2-35	0.33367	±	0.00931	5.4250	±	0.3193	0.1179	±	0.0061	1856.2	±	51.8	1888.7	±	111.2	1,925	±	100	0.67
SS2-36	0.40796	±	0.01035	8.2965	±	0.3701	0.1475	±	0.0054	2205.6	±	56.0	2263.9	±	101.0	2,318	±	85	0.43
SS2-37	0.29248	±	0.00729	4.5350	±	0.1990	0.1125	±	0.0041	1653.9	±	41.2	1737.4	±	76.2	1,840	±	66	0.15
SS2-38	0.46486	±	0.01197	11.1101	±	0.5034	0.1733	±	0.0065	2461.0	±	63.4	2532.3	±	114.7	2,591	±	97	0.68
SS2-39	0.02935	±	0.00092	0.2108	±	0.0211	0.0521	±	0.0049	186.5	±	5.8	194.2	±	19.4	290	±	28	0.30
SS2-40	0.03805	±	0.00189	0.8446	±	0.1101	0.1610	±	0.0194	240.7	±	11.9	621.7	±	81.1	2,467	±	297	0.50
SS2-41	0.32461	±	0.00807	4.9819	±	0.2163	0.1113	±	0.0040	1812.2	±	45.0	1816.2	±	78.8	1,821	±	65	0.55
SS2-42	0.03003	±	0.00089	0.1987	±	0.0181	0.0480	±	0.0041	190.7	±	5.6	184.0	±	16.7	99	±	9	0.99
SS2-43	0.03495	±	0.00185	0.4668	±	0.0798	0.0969	±	0.0158	221.4	±	11.7	389.0	±	66.5	1,565	±	255	0.35
SS2-44	0.32341	±	0.00474	5.7314	±	0.1546	0.1285	±	0.0029	1806.3	±	26.5	1936.0	±	52.2	2,078	±	47	0.18
SS2-45	0.31587	±	0.00518	4.9121	±	0.1783	0.1128	±	0.0037	1769.5	±	29.0	1804.3	±	65.5	1,845	±	60	0.21
SS2-46	0.34413	±	0.00587	5.2061	±	0.2057	0.1097	±	0.0039	1906.5	±	32.5	1853.6	±	73.3	1,795	±	64	0.34
SS2-47	0.03513	±	0.00083	0.2469	±	0.0229	0.0510	±	0.0046	222.6	±	5.3	224.0	±	20.8	240	±	22	0.79
SS2-48	0.35529	±	0.00539	5.7940	±	0.1729	0.1183	±	0.0030	1959.8	±	29.7	1945.4	±	58.1	1,931	±	50	0.41
SS2-49	0.35070	±	0.00530	5.3800	±	0.1611	0.1113	±	0.0029	1937.9	±	29.3	1881.6	±	56.3	1,821	±	47	0.09
SS2-50	0.33143	±	0.00602	5.3863	±	0.2341	0.1179	±	0.0047	1845.3	±	33.5	1882.6	±	81.8	1,925	±	76	0.49
SS2-51	0.03627	±	0.00135	0.2774	±	0.0436	0.0555	±	0.0085	229.7	±	8.5	248.6	±	39.1	432	±	66	1.06

SS2-52	0.03551	±	0.00161	0.2376	±	0.0500	0.0485	±	0.0100	224.9	±	10.2	216.5	±	45.5	126	±	26	0.70
SS2-53	0.34363	±	0.00675	5.7059	±	0.2046	0.1204	±	0.0036	1904.1	±	37.4	1932.2	±	69.3	1,963	±	59	0.16
SS2-54	0.31882	±	0.00588	5.1640	±	0.1504	0.1175	±	0.0026	1784.0	±	32.9	1846.6	±	53.8	1,919	±	43	0.05
SS2-55	0.31829	±	0.00622	5.0490	±	0.1804	0.1150	±	0.0034	1781.4	±	34.8	1827.5	±	65.3	1,881	±	56	0.09
SS2-56	0.32253	±	0.00613	5.1355	±	0.1670	0.1155	±	0.0030	1802.1	±	34.2	1841.9	±	59.9	1,888	±	50	0.31
SS2-57	0.31053	±	0.00725	4.6583	±	0.2569	0.1088	±	0.0054	1743.3	±	40.7	1759.7	±	97.1	1,780	±	89	0.62
SS2-58	0.32761	±	0.00633	5.2942	±	0.1819	0.1172	±	0.0033	1826.8	±	35.3	1867.9	±	64.2	1,915	±	54	0.23
SS2-59	0.03785	±	0.00152	0.3949	±	0.0567	0.0757	±	0.0104	239.5	±	9.6	338.0	±	48.5	1,087	±	150	0.41
SS2-60	0.32823	±	0.00646	5.1715	±	0.1886	0.1143	±	0.0035	1829.8	±	36.0	1847.9	±	67.4	1,869	±	57	0.17
SS2-61	0.32737	±	0.00532	5.1019	±	0.1755	0.1130	±	0.0034	1825.6	±	29.7	1836.4	±	63.2	1,849	±	56	0.19
SS2-62	0.33284	±	0.00583	5.2981	±	0.2124	0.1154	±	0.0042	1852.1	±	32.5	1868.5	±	74.9	1,887	±	68	0.31
SS2-63	0.32852	±	0.00551	5.0914	±	0.1877	0.1124	±	0.0037	1831.2	±	30.7	1834.6	±	67.6	1,839	±	60	0.37
SS2-64	0.32938	±	0.00560	5.3047	±	0.1996	0.1168	±	0.0039	1835.4	±	31.2	1869.6	±	70.3	1,908	±	64	0.12
SS2-65	0.33008	±	0.00570	5.4828	±	0.2115	0.1205	±	0.0042	1838.8	±	31.7	1897.8	±	73.2	1,964	±	68	0.33
SS2-66	0.34539	±	0.00580	6.0677	±	0.2195	0.1274	±	0.0041	1912.5	±	32.1	1985.5	±	71.8	2,063	±	66	0.53
SS2-67	0.31352	±	0.00494	5.1873	±	0.1646	0.1200	±	0.0033	1758.0	±	27.7	1850.5	±	58.7	1,957	±	54	0.34
SS2-68	0.13531	±	0.00236	1.2238	±	0.0569	0.0656	±	0.0028	818.1	±	14.3	811.5	±	37.7	794	±	34	0.58
SS2-69	0.34303	±	0.00592	5.5287	±	0.2147	0.1169	±	0.0041	1901.2	±	32.8	1905.0	±	74.0	1,910	±	66	0.19
SS2-70	0.34147	±	0.00694	5.3945	±	0.2638	0.1146	±	0.0051	1893.7	±	38.5	1883.9	±	92.1	1,874	±	83	0.34
SS2-71	0.45188	±	0.00734	10.1710	±	0.2798	0.1632	±	0.0036	2403.6	±	39.0	2450.4	±	67.4	2,490	±	55	0.44
SS2-72	0.03416	±	0.00076	0.2965	±	0.0215	0.0629	±	0.0043	216.5	±	4.8	263.6	±	19.1	707	±	49	1.19
SS2-73	0.05768	±	0.00170	0.5291	±	0.0567	0.0665	±	0.0069	361.5	±	10.7	431.2	±	46.2	823	±	85	0.37
SS2-74	0.03938	±	0.00084	0.3438	±	0.0235	0.0633	±	0.0041	249.0	±	5.3	300.0	±	20.5	719	±	47	0.50
SS2-75	0.32995	±	0.00539	5.0752	±	0.1543	0.1116	±	0.0029	1838.1	±	30.0	1831.9	±	55.7	1,825	±	47	0.20
SS2-76	0.32993	±	0.00572	5.1616	±	0.1831	0.1135	±	0.0035	1838.0	±	31.8	1846.2	±	65.5	1,856	±	57	0.34
SS2-77	0.33447	±	0.00613	5.4009	±	0.2155	0.1171	±	0.0042	1860.0	±	34.1	1884.9	±	75.2	1,913	±	68	0.74
SS2-78	0.04014	±	0.00090	0.2991	±	0.0238	0.0540	±	0.0041	253.7	±	5.7	265.7	±	21.1	374	±	29	0.21
SS2-79	0.16588	±	0.00303	2.4820	±	0.0910	0.1085	±	0.0034	989.4	±	18.1	1266.8	±	46.4	1,775	±	56	0.15
SS2-80	0.34398	±	0.00640	5.9709	±	0.2223	0.1259	±	0.0041	1905.8	±	35.5	1971.5	±	73.4	2,042	±	66	0.25
SS2-81	0.06362	±	0.00206	0.7299	±	0.0781	0.0832	±	0.0085	397.6	±	12.9	556.5	±	59.5	1,275	±	130	0.83
SS2-82	0.39133	±	0.00832	9.1978	±	0.4167	0.1705	±	0.0068	2129.0	±	45.3	2357.8	±	106.8	2,563	±	103	0.16
SS2-83	0.02590	±	0.00072	0.1901	±	0.0198	0.0532	±	0.0053	164.9	±	4.6	176.7	±	18.4	339	±	34	0.26
SS2-84	0.32765	±	0.00701	5.0916	±	0.2591	0.1127	±	0.0052	1827.0	±	39.1	1834.6	±	93.4	1,844	±	85	1.21
SS2-85	0.34591	±	0.00640	5.5656	±	0.2069	0.1167	±	0.0038	1915.0	±	35.4	1910.7	±	71.0	1,907	±	61	0.08
SS2-86	0.02760	±	0.00063	0.1942	±	0.0148	0.0510	±	0.0037	175.5	±	4.0	180.2	±	13.7	243	±	18	0.57
SS2-87	0.33710	±	0.00454	5.4268	±	0.1641	0.1168	±	0.0032	1872.7	±	25.2	1889.0	±	57.1	1,908	±	52	0.15
SS2-88	0.39137	±	0.00712	6.9697	±	0.3121	0.1292	±	0.0053	2129.2	±	38.7	2107.5	±	94.4	2,087	±	85	0.62
SS2-89	0.36150	±	0.00473	6.0588	±	0.1728	0.1216	±	0.0031	1989.3	±	26.0	1984.3	±	56.6	1,980	±	50	0.10
SS2-90	0.03380	±	0.00097	0.2514	±	0.0304	0.0539	±	0.0063	214.3	±	6.2	227.7	±	27.6	369	±	43	0.84
SS2-91	0.34116	±	0.00497	5.4873	±	0.1880	0.1167	±	0.0036	1892.2	±	27.6	1898.5	±	65.1	1,906	±	59	0.32
SS2-92	0.32513	±	0.00467	5.2483	±	0.1763	0.1171	±	0.0036	1814.7	±	26.1	1860.4	±	62.5	1,913	±	58	0.20
SS2-93	0.32759	±	0.00455	5.2228	±	0.1663	0.1156	±	0.0033	1826.7	±	25.3	1856.3	±	59.1	1,890	±	54	0.27
SS2-94	0.33146	±	0.00447	5.1918	±	0.1184	0.1136	±	0.0021	1845.5	±	24.9	1851.2	±	42.2	1,858	±	34	0.48
SS2-95	0.02642	±	0.00067	0.1783	±	0.0182	0.0489	±	0.0048	168.1	±	4.3	166.6	±	17.0	146	±	14	0.32
SS2-96	0.33936	±	0.00555	5.4400	±	0.1733	0.1163	±	0.0032	1883.6	±	30.8	1891.1	±	60.3	1,900	±	52	0.15
SS2-97	0.32623	±	0.00528	5.1305	±	0.1609	0.1141	±	0.0031	1820.1	±	29.5	1841.1	±	57.8	1,866	±	50	0.15
SS2-98	0.33505	±	0.00536	5.3226	±	0.1619	0.1152	±	0.0030	1862.8	±	29.8	1872.4	±	56.9	1,884	±	49	0.11
SS2-99	0.50981	±	0.00967	11.2207	±	0.4253	0.1596	±	0.0052	2655.8	±	50.4	2541.5	±	96.3	2,452	±	80	0.46
SS2-100	0.02958	±	0.00109	0.1851	±	0.0313	0.0454	±	0.0075	188.0	±	6.9	172.4	±	29.1	#N/A		#N/A	0.64
SS2-101	0.03083	±	0.00127	0.2079	±	0.0390	0.0489	±	0.0089	195.8	±	8.1	191.7	±	35.9	143	±	26	0.56
SS2-102	0.39003	±	0.00634	8.5439	±	0.2538	0.1589	±	0.0039	2123.0	±	34.5	2290.5	±	68.0	2,444	±	61	0.26
SS2-103	0.45170	±	0.00980	9.8461	±	0.3764	0.1581	±	0.0050	2402.8	±	52.1	2420.4	±	92.5	2,436	±	77	0.35
SS2-104	0.35148	±	0.00748	5.5765	±	0.2089	0.1151	±	0.0035	1941.7	±	41.3	1912.4	±	71.6	1,881	±	58	0.35
SS2-105	0.33486	±	0.00721	5.3165	±	0.2067	0.1151	±	0.0037	1861.9	±	40.1	1871.4	±	72.7	1,883	±	61	0.20
SS2-106	0.32379	±	0.00770	4.9400	±	0.2517	0.1107	±	0.0050	1808.2	±	43.0	1809.1	±	92.2	1,811	±	82	0.57
SS2-107	0.33854	±	0.00719	5.3723	±	0.2001	0.1151	±	0.0035	1879.7	±	39.9	1880.4	±	70.0	1,882	±	58	0.14
SS2-108	0.03634	±	0.00159	0.2249	±	0.0443	0.0449	±	0.0086	230.1	±	10.1	206.0	±	40.6	#N/A		#N/A	0.85
SS2-109	0.23869	±	0.00879	3.1759	±	0.3527	0.0965	±	0.0101	1379.9	±	50.8	1451.3	±	161.2	1,558	±	163	0.47
SS2-110	0.35461	±	0.00788	6.4541	±	0.2689	0.1320	±	0.0047	1956.6	±	43.5	2039.6	±	85.0	2,125	±	75	0.13
SS2-111	0.33354	±	0.00594	5.2101	±	0.2030	0.1133	±	0.0039	1855.5	±	33.1	1854.2	±	72.3	1,853	±	64	0.56
SS2-112	0.32840	±	0.00599	5.0699	±	0.2081	0.1120	±	0.0041	1830.6	±	33.4	1831.0	±	75.1	1,832	±	67	0.43
SS2-113	0.33974	±	0.00549	5.3759	±	0.1638	0.1148	±	0.0030	1885.4	±	30.5	1881.0	±	57.3	1,877	±	48	0.13
SS2-114	0.03436	±	0.00095	0.2583	±	0.0285	0.0545	±	0.0058	217.8	±	6.0	233.3	±	25.7	394	±	42	0.70
SS2-115	0.34963	±	0.00575	5.4758	±	0.1756	0.1136	±	0.0031	1932.8	±	31.8	1896.7	±	60.8	1,858	±	51	0.11
SS2-116	0.33553	±	0.00568	5.3832	±	0.1852	0.1164	±	0.0035	1865.1	±	31.6	1882.1	±	64.7	1,902	±	57	0.15
SS2-117	0.32017	±	0.00494	5.0668	±	0.1340	0.1148	±	0.0025	1790.5	±	27.7	1830.5	±	48.4	1,877	±	40	0.17
SS2-118	0.32881	±	0.00535	5.2638	±	0.1635	0.1161	±	0.0031	1832.6	±	29.8	1863.0	±	57.9	1,898	±	50	0.12

SS2-119	0.32625	±	0.00629	5.1166	±	0.1445	0.1137	±	0.0023	1820.2	±	35.1	1838.8	±	51.9	1,861	±	38	0.08
SS2-120	0.49165	±	0.01007	10.9608	±	0.3642	0.1617	±	0.0042	2577.8	±	52.8	2519.7	±	83.7	2,474	±	65	0.31
SS2-121	0.03189	±	0.00087	0.2154	±	0.0215	0.0490	±	0.0047	202.4	±	5.5	198.1	±	19.8	148	±	14	0.19
SS2-122	0.33175	±	0.00637	5.4806	±	0.1510	0.1198	±	0.0024	1846.9	±	35.5	1897.5	±	52.3	1,954	±	39	0.72
SS2-123	0.34857	±	0.00681	6.7476	±	0.1964	0.1404	±	0.0030	1927.7	±	37.7	2078.8	±	60.5	2,233	±	48	0.20
SS2-124	0.03964	±	0.00091	0.2853	±	0.0189	0.0522	±	0.0032	250.6	±	5.7	254.8	±	16.9	294	±	18	0.60
SS2-125	0.37188	±	0.00804	6.2440	±	0.2591	0.1218	±	0.0043	2038.2	±	44.1	2010.6	±	83.4	1,983	±	70	1.12
SS2-126	0.38107	±	0.00764	6.8386	±	0.2219	0.1302	±	0.0033	2081.3	±	41.7	2090.7	±	67.8	2,101	±	54	0.61
SS2-127	0.34303	±	0.00589	5.4595	±	0.2020	0.1154	±	0.0038	1901.2	±	32.7	1894.2	±	70.1	1,887	±	62	0.11
SS2-128	0.02723	±	0.00065	0.1857	±	0.0168	0.0494	±	0.0043	173.2	±	4.2	172.9	±	15.7	170	±	15	0.52
SS2-129	0.34048	±	0.00729	5.7120	±	0.3102	0.1217	±	0.0061	1889.0	±	40.4	1933.1	±	105.0	1,981	±	99	1.14
SS2-130	0.33987	±	0.00577	5.4242	±	0.1952	0.1158	±	0.0037	1886.0	±	32.0	1888.6	±	68.0	1,892	±	60	0.14
SS2-131	0.37691	±	0.00695	6.5293	±	0.2739	0.1256	±	0.0047	2061.8	±	38.0	2049.8	±	86.0	2,038	±	77	0.62
SS2-132	0.29990	±	0.00519	4.8065	±	0.1806	0.1162	±	0.0039	1690.8	±	29.3	1786.0	±	67.1	1,900	±	63	0.22
SS2-133	0.33706	±	0.00601	5.3769	±	0.2148	0.1157	±	0.0041	1872.5	±	33.4	1881.1	±	75.2	1,891	±	68	0.20
SS2-134	0.38012	±	0.00641	7.0789	±	0.2466	0.1351	±	0.0041	2076.9	±	35.0	2121.3	±	73.9	2,165	±	66	0.05
SS2-135	0.03543	±	0.00134	0.3634	±	0.0443	0.0744	±	0.0086	224.4	±	8.5	314.8	±	38.4	1,053	±	122	0.18
SS2-136	0.03094	±	0.00110	0.2679	±	0.0320	0.0628	±	0.0072	196.4	±	7.0	241.0	±	28.8	702	±	80	0.58
SS2-137	0.36293	±	0.00865	5.7439	±	0.1868	0.1148	±	0.0025	1996.0	±	47.6	1937.9	±	63.0	1,877	±	42	0.19
SS2-138	0.41038	±	0.00987	7.7216	±	0.2573	0.1365	±	0.0031	2216.6	±	53.3	2199.0	±	73.3	2,183	±	50	0.70
SS2-139	0.02682	±	0.00093	0.2293	±	0.0261	0.0620	±	0.0067	170.6	±	5.9	209.6	±	23.9	676	±	73	1.06
SS2-140	0.34078	±	0.00828	5.4890	±	0.1967	0.1168	±	0.0031	1890.4	±	45.9	1898.8	±	68.0	1,909	±	50	0.16
SS2-141	0.29714	±	0.00707	4.6978	±	0.1516	0.1147	±	0.0025	1677.1	±	39.9	1766.8	±	57.0	1,875	±	41	0.53
SS2-142	0.33684	±	0.00846	5.2808	±	0.2189	0.1137	±	0.0037	1871.4	±	47.0	1865.7	±	77.3	1,860	±	61	0.68
SS2-143	0.41243	±	0.00752	8.4671	±	0.2330	0.1489	±	0.0031	2226.0	±	40.6	2282.3	±	62.8	2,334	±	48	0.06
SS2-144	0.35560	±	0.00695	5.9937	±	0.2118	0.1222	±	0.0036	1961.3	±	38.3	1974.9	±	69.8	1,990	±	59	0.23
SS2-145	0.40601	±	0.00847	7.9173	±	0.3209	0.1414	±	0.0049	2196.7	±	45.8	2221.6	±	90.0	2,245	±	78	0.54
SS2-146	0.38208	±	0.00705	6.8648	±	0.1988	0.1303	±	0.0029	2086.0	±	38.5	2094.0	±	60.6	2,103	±	47	0.61
SS2-147	0.25094	±	0.00507	3.8778	±	0.1544	0.1121	±	0.0038	1443.3	±	29.2	1609.0	±	64.1	1,834	±	63	0.37
SS2-148	0.36450	±	0.00701	5.7565	±	0.1960	0.1145	±	0.0032	2003.5	±	38.5	1939.8	±	66.0	1,873	±	53	0.21
SS2-149	0.23473	±	0.00435	3.8192	±	0.1132	0.1180	±	0.0027	1359.2	±	25.2	1596.7	±	47.3	1,927	±	45	0.11
SS2-150	0.33346	±	0.00627	5.2463	±	0.1658	0.1141	±	0.0029	1855.1	±	34.9	1860.1	±	58.8	1,866	±	47	0.18
SS2-151	0.36475	±	0.00625	5.9029	±	0.1935	0.1174	±	0.0033	2004.6	±	34.3	1961.6	±	64.3	1,917	±	54	0.26
SS2-152	0.08377	±	0.00232	0.6612	±	0.0685	0.0573	±	0.0057	518.6	±	14.4	515.4	±	53.4	502	±	50	1.10
SS2-153	0.37267	±	0.00628	6.0387	±	0.1885	0.1175	±	0.0031	2042.0	±	34.4	1981.4	±	61.9	1,919	±	50	0.09
SS2-154	0.38410	±	0.00711	7.2208	±	0.2764	0.1363	±	0.0046	2095.4	±	38.8	2139.0	±	81.9	2,182	±	73	0.33
SS2-155	0.04178	±	0.00125	0.3672	±	0.0406	0.0638	±	0.0068	263.8	±	7.9	317.6	±	35.1	734	±	78	0.57
SS2-156	0.04026	±	0.00093	0.3405	±	0.0258	0.0613	±	0.0044	254.4	±	5.9	297.6	±	22.5	652	±	47	1.01
SS2-157	0.03881	±	0.00157	0.4016	±	0.0598	0.0751	±	0.0107	245.4	±	10.0	342.8	±	51.0	1,071	±	153	0.71
SS2-158	0.33943	±	0.00712	5.4886	±	0.2775	0.1173	±	0.0054	1883.9	±	39.5	1898.7	±	96.0	1,916	±	88	0.40
SS2-159	0.20743	±	0.00356	3.4069	±	0.1191	0.1191	±	0.0036	1215.1	±	20.8	1505.9	±	52.6	1,944	±	59	0.11
SS2-160	0.35062	±	0.00631	5.5809	±	0.2185	0.1154	±	0.0040	1937.6	±	34.9	1913.1	±	74.9	1,887	±	66	0.80
SS2-161	0.21805	±	0.00361	5.5883	±	0.1724	0.1859	±	0.0048	1271.6	±	21.0	1914.2	±	59.1	2,707	±	70	0.79
SS2-162	0.39311	±	0.00651	7.0975	±	0.2249	0.1309	±	0.0035	2137.3	±	35.4	2123.7	±	67.3	2,111	±	57	0.29
SS2-163	0.36714	±	0.00618	6.1750	±	0.2053	0.1220	±	0.0035	2015.9	±	34.0	2000.9	±	66.5	1,986	±	57	0.58
SS2-164	0.31898	±	0.00528	5.1570	±	0.1648	0.1173	±	0.0032	1784.7	±	29.6	1845.5	±	59.0	1,915	±	52	0.14
SS2-165	0.34072	±	0.00572	5.6328	±	0.1858	0.1199	±	0.0034	1890.1	±	31.7	1921.1	±	63.4	1,955	±	56	0.12
SS2-166	0.32601	±	0.00582	5.2095	±	0.2005	0.1159	±	0.0040	1819.0	±	32.5	1854.1	±	71.4	1,894	±	65	0.17

Sample SS3

	Isotopic ratio			Age(Ma)			
No.	$^{206}Pb/^{238}U$	$^{207}Pb/^{235}U$	$^{207}Pb/^{206}Pb$	$^{238}U/^{206}Pb$ (Ma)	$^{235}U/^{207}Pb$ (Ma)	$^{207}Pb/^{206}Pb$(Ma)	Th/U
SS3-1	0.35118 ± 0.00665	5.5425 ± 0.1969	0.1145 ± 0.0034	1940.2 ± 36.7	1907.2 ± 67.7	1,872 ± 56	0.46
SS3-2	0.34153 ± 0.00620	5.3903 ± 0.1722	0.1145 ± 0.0030	1894.0 ± 34.4	1883.2 ± 60.2	1,872 ± 49	0.21
SS3-3	0.39332 ± 0.00682	7.6828 ± 0.2025	0.1417 ± 0.0028	2138.2 ± 37.1	2194.5 ± 57.9	2,248 ± 45	1.07
SS3-4	0.38232 ± 0.00693	6.9954 ± 0.2124	0.1327 ± 0.0032	2087.1 ± 37.8	2110.8 ± 64.1	2,135 ± 52	0.36
SS3-5	0.33637 ± 0.00599	5.3761 ± 0.1621	0.1159 ± 0.0028	1869.2 ± 33.3	1881.0 ± 56.7	1,895 ± 46	0.14
SS3-6	0.34033 ± 0.00614	5.3692 ± 0.1687	0.1144 ± 0.0029	1888.3 ± 34.1	1879.9 ± 59.1	1,871 ± 48	0.16
SS3-7	0.33536 ± 0.00577	5.3024 ± 0.1442	0.1147 ± 0.0024	1864.3 ± 32.1	1869.2 ± 50.8	1,875 ± 39	0.09
SS3-8	0.33739 ± 0.00587	5.3437 ± 0.1427	0.1149 ± 0.0023	1874.1 ± 32.6	1875.8 ± 50.1	1,878 ± 38	0.09
SS3-9	0.32347 ± 0.00493	5.1158 ± 0.1450	0.1147 ± 0.0027	1806.6 ± 27.5	1838.7 ± 52.1	1,876 ± 45	0.09
SS3-10	0.02832 ± 0.00105	0.1950 ± 0.0321	0.0499 ± 0.0080	180.0 ± 6.7	180.9 ± 29.8	192 ± 31	0.60
SS3-11	0.35288 ± 0.00580	5.5156 ± 0.1847	0.1134 ± 0.0033	1948.3 ± 32.0	1903.0 ± 63.7	1,854 ± 54	0.19
SS3-12	0.34467 ± 0.00548	5.3461 ± 0.1673	0.1125 ± 0.0030	1909.1 ± 30.3	1876.2 ± 58.7	1,841 ± 50	0.15
SS3-13	0.04321 ± 0.00240	0.3515 ± 0.0853	0.0590 ± 0.0139	272.7 ± 15.1	305.8 ± 74.3	567 ± 134	0.87
SS3-14	0.32058 ± 0.00468	7.0825 ± 0.1737	0.1602 ± 0.0032	1792.6 ± 26.1	2121.8 ± 52.0	2,459 ± 48	0.13

SS3-15	0.34928	±	0.00529	5.4579	±	0.1526	0.1133	±	0.0027	1931.2	±	29.3	1893.9	±	53.0	1,854	±	44	0.08
SS3-16	0.38145	±	0.00590	6.9637	±	0.1604	0.1324	±	0.0023	2083.0	±	32.2	2106.7	±	48.5	2,131	±	36	0.32
SS3-17	0.33597	±	0.00638	5.3735	±	0.1360	0.1160	±	0.0019	1867.3	±	35.5	1880.6	±	47.6	1,896	±	32	0.38
SS3-18	0.34795	±	0.00676	5.3817	±	0.1506	0.1122	±	0.0023	1924.8	±	37.4	1881.9	±	52.7	1,835	±	37	0.22
SS3-19	0.34138	±	0.00700	5.5348	±	0.1856	0.1176	±	0.0031	1893.3	±	38.8	1905.9	±	63.9	1,920	±	51	0.16
SS3-20	0.03179	±	0.00074	0.2212	±	0.0156	0.0505	±	0.0033	201.7	±	4.7	202.9	±	14.3	217	±	14	1.29
SS3-21	0.48039	±	0.01126	10.9390	±	0.4490	0.1652	±	0.0056	2529.0	±	59.3	2517.9	±	103.3	2,510	±	85	0.83
SS3-22	0.33562	±	0.00648	5.2666	±	0.1437	0.1138	±	0.0022	1865.6	±	36.0	1863.4	±	50.8	1,862	±	36	0.16
SS3-23	0.33380	±	0.00727	5.1001	±	0.2057	0.1108	±	0.0038	1856.8	±	40.4	1836.1	±	74.0	1,813	±	62	0.39
SS3-24	0.32096	±	0.00615	5.0501	±	0.1330	0.1141	±	0.0021	1794.4	±	34.4	1827.7	±	48.1	1,866	±	34	0.02
SS3-25	0.02969	±	0.00068	0.2391	±	0.0225	0.0584	±	0.0053	188.6	±	4.3	217.7	±	20.5	545	±	50	0.36
SS3-26	0.42391	±	0.00437	8.2322	±	0.1844	0.1408	±	0.0028	2278.2	±	23.5	2256.8	±	50.6	2,238	±	45	0.07
SS3-27	0.39234	±	0.00557	6.0744	±	0.2384	0.1123	±	0.0041	2133.7	±	30.3	1986.5	±	78.0	1,837	±	67	0.65
SS3-28	0.03033	±	0.00049	0.2066	±	0.0136	0.0494	±	0.0031	192.6	±	3.1	190.7	±	12.5	167	±	11	0.33
SS3-29	0.03131	±	0.00095	0.2352	±	0.0314	0.0545	±	0.0071	198.7	±	6.0	214.4	±	28.6	391	±	51	0.52
SS3-30	0.34132	±	0.00376	5.5512	±	0.1461	0.1180	±	0.0028	1893.0	±	20.9	1908.5	±	50.2	1,926	±	46	0.19
SS3-31	0.33987	±	0.00364	5.3167	±	0.1343	0.1135	±	0.0026	1886.1	±	20.2	1871.5	±	47.3	1,856	±	42	0.17
SS3-32	0.45406	±	0.00435	9.9792	±	0.1911	0.1594	±	0.0026	2413.3	±	23.1	2432.8	±	46.6	2,450	±	41	0.14
SS3-33	0.33599	±	0.00495	5.3250	±	0.1914	0.1149	±	0.0038	1867.3	±	27.5	1872.8	±	67.3	1,880	±	62	0.14
SS3-34	0.04186	±	0.00128	0.2736	±	0.0374	0.0474	±	0.0063	264.4	±	8.1	245.6	±	33.5	70	±	9	0.46
SS3-35	0.35076	±	0.00524	5.5170	±	0.2033	0.1141	±	0.0038	1938.2	±	29.0	1903.2	±	70.1	1,866	±	63	0.26
SS3-36	0.35171	±	0.00520	5.5046	±	0.1995	0.1135	±	0.0038	1942.7	±	28.7	1901.2	±	68.9	1,857	±	61	0.18
SS3-37	0.39669	±	0.00566	7.3645	±	0.2459	0.1346	±	0.0041	2153.8	±	30.7	2156.6	±	72.0	2,160	±	65	0.36
SS3-38	0.49392	±	0.00685	10.7713	±	0.3386	0.1582	±	0.0045	2587.6	±	35.9	2503.5	±	78.7	2,437	±	69	0.39
SS3-39	0.32798	±	0.00484	5.2717	±	0.1895	0.1166	±	0.0038	1828.6	±	27.0	1864.2	±	67.0	1,905	±	62	0.26
SS3-40	0.36634	±	0.00517	5.8113	±	0.1932	0.1151	±	0.0035	2012.1	±	28.4	1948.0	±	64.7	1,881	±	57	0.05
SS3-41	0.33379	±	0.00929	5.2622	±	0.2134	0.1143	±	0.0034	1856.7	±	51.7	1862.7	±	75.6	1,870	±	55	0.32
SS3-42	0.02717	±	0.00091	0.1937	±	0.0191	0.0517	±	0.0048	172.8	±	5.8	179.8	±	17.7	274	±	25	0.32
SS3-43	0.34408	±	0.00963	5.3777	±	0.2240	0.1134	±	0.0035	1906.3	±	53.4	1881.2	±	78.4	1,854	±	57	0.14
SS3-44	0.33596	±	0.00995	5.3416	±	0.2772	0.1153	±	0.0049	1867.2	±	55.3	1875.5	±	97.3	1,885	±	80	0.21
SS3-45	0.34028	±	0.00947	5.4489	±	0.2207	0.1161	±	0.0034	1888.0	±	52.6	1892.5	±	76.7	1,898	±	56	0.17
SS3-46	0.34414	±	0.00959	5.3948	±	0.2205	0.1137	±	0.0034	1906.6	±	53.2	1884.0	±	77.0	1,860	±	56	0.23
SS3-47	0.35585	±	0.01018	5.8386	±	0.2651	0.1190	±	0.0042	1962.5	±	56.1	1952.1	±	88.6	1,942	±	68	0.76
SS3-48	0.33902	±	0.00945	5.3445	±	0.2184	0.1143	±	0.0034	1881.9	±	52.5	1875.9	±	76.7	1,870	±	56	0.13
SS3-49	0.33385	±	0.00649	5.3237	±	0.1699	0.1157	±	0.0029	1857.0	±	36.1	1872.6	±	59.8	1,891	±	48	0.20
SS3-50	0.02778	±	0.00072	0.1869	±	0.0171	0.0488	±	0.0043	176.7	±	4.5	174.0	±	15.9	138	±	12	0.28
SS3-51	0.02916	±	0.00087	0.2079	±	0.0236	0.0517	±	0.0057	185.3	±	5.5	191.8	±	21.8	273	±	30	0.29
SS3-52	0.37822	±	0.00705	6.4945	±	0.1716	0.1245	±	0.0023	2068.0	±	38.6	2045.1	±	54.0	2,023	±	38	0.02
SS3-53	0.34966	±	0.00661	5.4884	±	0.1570	0.1138	±	0.0024	1933.0	±	36.6	1898.7	±	54.3	1,862	±	40	0.27
SS3-54	0.35933	±	0.00710	5.6440	±	0.1914	0.1139	±	0.0031	1979.0	±	39.1	1922.8	±	65.2	1,863	±	51	0.13
SS3-55	0.34658	±	0.00650	5.5215	±	0.1514	0.1155	±	0.0023	1918.3	±	36.0	1903.9	±	52.2	1,889	±	38	0.13
SS3-56	0.44990	±	0.00884	9.2812	±	0.2908	0.1496	±	0.0037	2394.8	±	47.1	2366.1	±	74.1	2,342	±	57	0.48
SS3-57	0.35172	±	0.00733	6.1126	±	0.2183	0.1260	±	0.0037	1942.8	±	40.5	1992.0	±	71.1	2,044	±	59	0.24
SS3-58	0.35213	±	0.00753	5.6627	±	0.2213	0.1166	±	0.0038	1944.8	±	41.6	1925.6	±	75.3	1,906	±	62	0.22
SS3-59	0.45166	±	0.00991	10.1790	±	0.4016	0.1635	±	0.0054	2402.6	±	52.7	2451.1	±	96.7	2,492	±	82	0.56
SS3-60	0.33866	±	0.00695	5.3958	±	0.1843	0.1156	±	0.0032	1880.2	±	38.6	1884.1	±	64.4	1,889	±	52	0.03
SS3-61	0.34232	±	0.00694	5.4388	±	0.1772	0.1152	±	0.0029	1897.8	±	38.4	1890.9	±	61.6	1,884	±	48	0.12
SS3-62	0.35006	±	0.00742	5.5751	±	0.2128	0.1155	±	0.0037	1934.9	±	41.0	1912.2	±	73.0	1,888	±	60	0.25
SS3-63	0.15043	±	0.00322	2.3972	±	0.0952	0.1156	±	0.0039	903.4	±	19.4	1241.7	±	49.3	1,889	±	63	0.48
SS3-64	0.34714	±	0.00715	5.5297	±	0.1916	0.1155	±	0.0032	1920.9	±	39.6	1905.2	±	66.0	1,889	±	53	0.14
SS3-65	0.33177	±	0.00573	5.2195	±	0.1357	0.1141	±	0.0022	1846.9	±	31.9	1855.7	±	48.2	1,866	±	36	0.36
SS3-66	0.36180	±	0.00629	5.7694	±	0.1536	0.1157	±	0.0023	1990.7	±	34.6	1941.8	±	51.7	1,891	±	38	0.19
SS3-67	0.02538	±	0.00055	0.1988	±	0.0132	0.0568	±	0.0036	161.5	±	3.5	184.1	±	12.2	486	±	30	0.69
SS3-68	0.34424	±	0.00633	5.4546	±	0.1799	0.1149	±	0.0031	1907.0	±	35.1	1893.4	±	62.5	1,879	±	51	0.26
SS3-69	0.34569	±	0.00617	5.6247	±	0.1655	0.1180	±	0.0028	1914.0	±	34.1	1919.8	±	56.5	1,927	±	45	0.40
SS3-70	0.47044	±	0.00955	10.4575	±	0.4009	0.1612	±	0.0052	2485.5	±	50.4	2476.1	±	94.9	2,469	±	80	0.71
SS3-71	0.34408	±	0.00609	5.4896	±	0.1578	0.1157	±	0.0026	1906.3	±	33.8	1898.9	±	54.6	1,891	±	43	0.38
SS3-72	0.34120	±	0.00579	5.3717	±	0.1284	0.1142	±	0.0019	1892.4	±	32.1	1880.3	±	44.9	1,868	±	31	0.06
SS3-73	0.33697	±	0.00440	5.3756	±	0.1447	0.1157	±	0.0027	1872.1	±	24.5	1880.9	±	50.6	1,891	±	44	0.13
SS3-74	0.33858	±	0.00460	5.4038	±	0.1590	0.1158	±	0.0030	1879.8	±	25.5	1885.4	±	55.5	1,892	±	49	0.44
SS3-75	0.03222	±	0.00089	0.2178	±	0.0264	0.0490	±	0.0058	204.4	±	5.6	200.1	±	24.2	150	±	18	0.51
SS3-76	0.34727	±	0.00478	5.4688	±	0.1658	0.1142	±	0.0031	1921.6	±	26.4	1895.6	±	57.5	1,868	±	50	0.22
SS3-77	0.03679	±	0.00139	0.3119	±	0.0492	0.0615	±	0.0094	232.9	±	8.8	275.6	±	43.5	657	±	101	0.64
SS3-78	0.33195	±	0.00587	5.3252	±	0.2484	0.1164	±	0.0050	1847.8	±	32.7	1872.8	±	87.3	1,901	±	82	0.81
SS3-79	0.41077	±	0.00786	7.9096	±	0.3859	0.1397	±	0.0063	2218.5	±	42.5	2220.7	±	108.3	2,223	±	100	0.49
SS3-80	0.33629	±	0.00438	5.4223	±	0.1442	0.1169	±	0.0027	1868.8	±	24.3	1888.3	±	50.2	1,911	±	44	0.12
SS3-81	0.34407	±	0.00596	5.8311	±	0.1669	0.1229	±	0.0028	1906.2	±	33.0	1951.0	±	55.9	1,999	±	46	0.07

SS3-82	0.32687	±	0.00677	5.3086	±	0.2451	0.1178	±	0.0049	1823.2	±	37.8	1870.2	±	86.4	1,923	±	79	0.58
SS3-83	0.31308	±	0.00546	5.1805	±	0.1521	0.1200	±	0.0028	1755.9	±	30.6	1849.4	±	54.3	1,957	±	46	0.07
SS3-84	0.03320	±	0.00099	0.2412	±	0.0282	0.0527	±	0.0060	210.5	±	6.3	219.4	±	25.7	316	±	36	0.33
SS3-85	0.03273	±	0.00096	0.2043	±	0.0251	0.0453	±	0.0054	207.6	±	6.1	188.8	±	23.2	#N/A		#N/A	0.53
SS3-86	0.33916	±	0.00593	5.2909	±	0.1579	0.1131	±	0.0027	1882.6	±	32.9	1867.3	±	55.7	1,851	±	45	0.88
SS3-87	0.34509	±	0.00634	5.3493	±	0.1868	0.1124	±	0.0033	1911.1	±	35.1	1876.7	±	65.5	1,839	±	55	0.17
SS3-88	0.34549	±	0.00608	5.4467	±	0.1662	0.1143	±	0.0028	1913.0	±	33.7	1892.2	±	57.7	1,870	±	47	0.58
SS3-89	0.32964	±	0.00621	5.2781	±	0.1454	0.1161	±	0.0023	1836.6	±	34.6	1865.3	±	51.4	1,898	±	38	0.29
SS3-90	0.34522	±	0.00677	5.4305	±	0.1731	0.1141	±	0.0029	1911.7	±	37.5	1889.6	±	60.2	1,866	±	47	0.14
SS3-91	0.29939	±	0.00583	4.6594	±	0.1459	0.1129	±	0.0028	1688.3	±	32.8	1759.9	±	55.1	1,847	±	45	0.24
SS3-92	0.02992	±	0.00106	0.2087	±	0.0301	0.0506	±	0.0071	190.1	±	6.8	192.4	±	27.8	222	±	31	0.33
SS3-93	0.04266	±	0.00119	0.3349	±	0.0318	0.0569	±	0.0052	269.3	±	7.5	293.3	±	27.8	490	±	44	0.87
SS3-94	0.06387	±	0.00125	0.7619	±	0.0268	0.0865	±	0.0025	399.1	±	7.8	575.1	±	20.3	1,350	±	40	0.25
SS3-95	0.04363	±	0.00149	0.3839	±	0.0471	0.0638	±	0.0075	275.3	±	9.4	329.9	±	40.4	736	±	87	0.87
SS3-96	0.34210	±	0.00674	5.5221	±	0.1550	0.1171	±	0.0023	1896.8	±	37.4	1904.0	±	53.4	1,912	±	38	0.14
SS3-97	0.04192	±	0.00132	0.2864	±	0.0396	0.0496	±	0.0067	264.8	±	8.3	255.7	±	35.3	175	±	24	0.52
SS3-98	0.32948	±	0.00467	5.1556	±	0.1660	0.1135	±	0.0033	1835.8	±	26.0	1845.3	±	59.4	1,857	±	54	0.33
SS3-99	0.03084	±	0.00055	0.2059	±	0.0142	0.0484	±	0.0032	195.8	±	3.5	190.1	±	13.1	121	±	8	1.02
SS3-100	0.34422	±	0.00487	5.4872	±	0.1750	0.1156	±	0.0033	1906.9	±	27.0	1898.5	±	60.5	1,890	±	54	0.15
SS3-101	0.39528	±	0.00481	8.9428	±	0.2055	0.1641	±	0.0032	2147.3	±	26.1	2332.1	±	53.6	2,499	±	49	0.40
SS3-102	0.32241	±	0.00458	5.1682	±	0.1663	0.1163	±	0.0034	1801.5	±	25.6	1847.3	±	59.4	1,900	±	55	0.21
SS3-103	0.31777	±	0.00455	4.9270	±	0.1624	0.1125	±	0.0033	1778.8	±	25.5	1806.8	±	59.6	1,840	±	55	1.29
SS3-104	0.31593	±	0.00417	5.0133	±	0.1423	0.1151	±	0.0029	1769.8	±	23.3	1821.5	±	51.7	1,882	±	47	0.29
SS3-105	0.03693	±	0.00110	0.2441	±	0.0209	0.0479	±	0.0038	233.8	±	7.0	221.8	±	19.0	97	±	8	0.71
SS3-106	0.34282	±	0.00876	5.8483	±	0.2274	0.1237	±	0.0036	1900.2	±	48.6	1953.5	±	76.0	2,011	±	59	0.02
SS3-107	0.28493	±	0.00738	5.7160	±	0.2310	0.1455	±	0.0045	1616.2	±	41.8	1933.7	±	78.1	2,294	±	71	0.98
SS3-108	0.02696	±	0.00127	0.2068	±	0.0393	0.0556	±	0.0102	171.5	±	8.1	190.8	±	36.3	438	±	81	0.31
SS3-109	0.03234	±	0.00147	0.2207	±	0.0417	0.0495	±	0.0091	205.2	±	9.3	202.5	±	38.3	173	±	32	0.50
SS3-110	0.03503	±	0.00122	0.2749	±	0.0315	0.0569	±	0.0062	221.9	±	7.7	246.6	±	28.3	489	±	53	0.95
SS3-111	0.21179	±	0.00546	3.3500	±	0.1361	0.1147	±	0.0036	1238.4	±	31.9	1492.7	±	60.6	1,876	±	59	0.10
SS3-112	0.32747	±	0.00891	5.0569	±	0.2503	0.1120	±	0.0046	1826.1	±	49.7	1828.8	±	90.5	1,833	±	76	0.22
SS3-113	0.33270	±	0.00965	5.1681	±	0.2368	0.1127	±	0.0040	1851.4	±	53.7	1847.3	±	84.7	1,843	±	65	0.57
SS3-114	0.03874	±	0.00122	0.2658	±	0.0221	0.0498	±	0.0038	245.0	±	7.7	239.3	±	19.9	184	±	14	0.45
SS3-115	0.35256	±	0.00958	5.4817	±	0.1751	0.1128	±	0.0019	1946.8	±	52.9	1897.7	±	60.6	1,845	±	31	0.27
SS3-116	0.32169	±	0.00899	5.3127	±	0.2019	0.1198	±	0.0031	1798.0	±	50.3	1870.8	±	71.1	1,953	±	50	0.15
SS3-117	0.31954	±	0.00869	5.0811	±	0.1628	0.1153	±	0.0020	1787.5	±	48.6	1832.9	±	58.7	1,886	±	32	0.26
SS3-118	0.35300	±	0.00963	5.9837	±	0.1961	0.1229	±	0.0022	1948.9	±	53.2	1973.4	±	64.7	2,000	±	36	0.41
SS3-119	0.32696	±	0.00919	5.2287	±	0.2059	0.1160	±	0.0032	1823.6	±	51.3	1857.2	±	73.1	1,896	±	52	0.13
SS3-120	0.32170	±	0.00907	5.2269	±	0.2089	0.1178	±	0.0033	1798.0	±	50.7	1856.9	±	74.2	1,924	±	54	0.21
SS3-121	0.31891	±	0.00525	5.0131	±	0.1658	0.1140	±	0.0033	1784.4	±	29.4	1821.5	±	60.2	1,865	±	53	0.27
SS3-122	0.34640	±	0.00551	5.3513	±	0.1616	0.1120	±	0.0029	1917.4	±	30.5	1877.0	±	56.7	1,833	±	47	0.15
SS3-123	0.32385	±	0.00494	5.1420	±	0.1362	0.1152	±	0.0025	1808.5	±	27.6	1843.0	±	48.8	1,883	±	41	0.11
SS3-124	0.35634	±	0.00593	5.4324	±	0.1856	0.1106	±	0.0033	1964.8	±	32.7	1889.9	±	64.6	1,809	±	54	0.29
SS3-125	0.21650	±	0.00638	3.3417	±	0.2907	0.1119	±	0.0092	1263.4	±	37.2	1490.8	±	129.7	1,832	±	150	0.56
SS3-126	0.34193	±	0.00580	5.3333	±	0.1904	0.1131	±	0.0036	1896.0	±	32.2	1874.2	±	66.9	1,851	±	58	0.15
SS3-127	0.03462	±	0.00071	0.2482	±	0.0176	0.0520	±	0.0035	219.4	±	4.5	225.1	±	15.9	286	±	19	0.17
SS3-128	0.03723	±	0.00198	0.2747	±	0.0679	0.0535	±	0.0129	235.7	±	12.5	246.4	±	60.9	351	±	85	1.19
SS3-129	0.34568	±	0.00786	5.3730	±	0.2138	0.1127	±	0.0037	1914.0	±	43.5	1880.5	±	74.8	1,844	±	60	0.16
SS3-130	0.36841	±	0.00814	5.9296	±	0.2113	0.1167	±	0.0033	2021.9	±	44.7	1965.5	±	70.0	1,907	±	53	0.08
SS3-131	0.03631	±	0.00093	0.2636	±	0.0192	0.0527	±	0.0036	229.9	±	5.9	237.6	±	17.3	314	±	21	1.05
SS3-132	0.34486	±	0.00770	5.3548	±	0.1996	0.1126	±	0.0034	1910.0	±	42.6	1877.6	±	70.0	1,843	±	55	0.23
SS3-133	0.36828	±	0.00814	6.6352	±	0.2332	0.1307	±	0.0036	2021.3	±	44.7	2064.0	±	72.5	2,107	±	58	0.29
SS3-134	0.35610	±	0.00777	5.6762	±	0.1924	0.1156	±	0.0030	1963.7	±	42.8	1927.7	±	65.3	1,890	±	49	0.14
SS3-135	0.39641	±	0.00917	7.0209	±	0.2875	0.1285	±	0.0043	2152.5	±	49.8	2114.0	±	86.6	2,077	±	70	0.57
SS3-136	0.47735	±	0.01065	10.6489	±	0.3748	0.1618	±	0.0044	2515.7	±	56.1	2492.9	±	87.7	2,475	±	67	1.07
SS3-137	0.03145	±	0.00105	0.2050	±	0.0246	0.0473	±	0.0055	199.6	±	6.7	189.4	±	22.7	64	±	7	0.74
SS3-138	0.35036	±	0.00832	5.4743	±	0.1824	0.1133	±	0.0026	1936.3	±	46.0	1896.5	±	63.2	1,854	±	43	0.11
SS3-139	0.24599	±	0.00599	4.5012	±	0.1657	0.1327	±	0.0037	1417.8	±	34.5	1731.1	±	63.7	2,135	±	59	0.27
SS3-140	0.02674	±	0.00075	0.1875	±	0.0147	0.0509	±	0.0037	170.1	±	4.8	174.5	±	13.7	235	±	17	0.27
SS3-141	0.34812	±	0.00848	5.3864	±	0.2024	0.1122	±	0.0032	1925.6	±	46.9	1882.6	±	70.8	1,836	±	53	0.17
SS3-142	0.06935	±	0.00173	0.5189	±	0.0261	0.0543	±	0.0024	432.3	±	10.8	424.4	±	21.4	382	±	17	0.31
SS3-143	0.35780	±	0.00862	5.6756	±	0.2029	0.1150	±	0.0030	1971.7	±	47.5	1927.6	±	68.9	1,881	±	50	0.05
SS3-144	0.02649	±	0.00082	0.1842	±	0.0183	0.0504	±	0.0048	168.6	±	5.2	171.7	±	17.0	215	±	20	1.38
SS3-145	0.06041	±	0.00202	0.4542	±	0.0352	0.0545	±	0.0038	378.1	±	12.6	380.2	±	29.5	393	±	28	1.12
SS3-146	0.39332	±	0.01193	6.8536	±	0.2752	0.1264	±	0.0033	2138.2	±	64.9	2092.6	±	84.0	2,049	±	54	0.25
SS3-147	0.02773	±	0.00110	0.1976	±	0.0250	0.0517	±	0.0062	176.4	±	7.0	183.1	±	23.1	272	±	33	1.11
SS3-148	0.45958	±	0.01408	9.2234	±	0.3830	0.1456	±	0.0041	2437.7	±	74.7	2360.4	±	98.0	2,295	±	64	0.53

SS3-149	0.03980	±	0.00157	0.3047	±	0.0369	0.0555	±	0.0064	251.6	±	9.9	270.1	±	32.7	434	±	50	0.45
SS3-150	0.33811	±	0.01036	5.2889	±	0.2269	0.1134	±	0.0034	1877.6	±	57.5	1867.0	±	80.1	1,856	±	56	0.55
SS3-151	0.35097	±	0.01060	5.4914	±	0.2165	0.1135	±	0.0029	1939.2	±	58.5	1899.2	±	74.9	1,856	±	47	0.29
SS3-152	0.45085	±	0.01385	8.7271	±	0.3684	0.1404	±	0.0041	2399.0	±	73.7	2309.8	±	97.5	2,233	±	65	0.45
SS3-153	0.33224	±	0.00763	5.2940	±	0.1852	0.1156	±	0.0031	1849.2	±	42.5	1867.8	±	65.3	1,889	±	50	0.14
SS3-154	0.39520	±	0.00890	7.1143	±	0.2251	0.1306	±	0.0029	2146.9	±	48.4	2125.8	±	67.3	2,106	±	47	0.35
SS3-155	0.03269	±	0.00093	0.2679	±	0.0224	0.0594	±	0.0047	207.4	±	5.9	241.0	±	20.1	583	±	46	0.57
SS3-156	0.30790	±	0.00707	4.8958	±	0.1717	0.1153	±	0.0031	1730.4	±	39.7	1801.5	±	63.2	1,885	±	50	0.22
SS3-157	0.33916	±	0.00785	5.2760	±	0.1918	0.1128	±	0.0032	1882.6	±	43.6	1864.9	±	67.8	1,846	±	52	0.37
SS3-158	0.02575	±	0.00142	0.2670	±	0.0547	0.0752	±	0.0148	163.9	±	9.0	240.3	±	49.2	1,075	±	212	0.83
SS3-159	0.35085	±	0.00807	5.5137	±	0.1946	0.1140	±	0.0031	1938.7	±	44.6	1902.7	±	67.1	1,864	±	50	0.16
SS3-160	0.16286	±	0.00370	2.4774	±	0.0829	0.1103	±	0.0027	972.7	±	22.1	1265.4	±	42.3	1,805	±	44	0.19

Sample SS4

	Isotopic ratio									Age(Ma)									
No.	$^{206}Pb/^{238}U$			$^{207}Pb/^{235}U$			$^{207}Pb/^{206}Pb$			$^{238}U/^{206}Pb$ (Ma)			$^{235}U/^{207}Pb$ (Ma)			$^{207}Pb/^{206}Pb$(Ma)			Th/U
SS4-1	0.53862	±	0.00843	13.8557	±	0.3982	0.1866	±	0.0045	2777.7	±	43.5	2739.8	±	78.7	2,713	±	65	0.34
SS4-2	0.02669	±	0.00048	0.1761	±	0.0120	0.0479	±	0.0031	169.8	±	3.0	164.7	±	11.2	93	±	6	0.39
SS4-3	0.38288	±	0.00510	7.2229	±	0.1733	0.1368	±	0.0027	2089.7	±	27.8	2139.3	±	51.3	2,188	±	44	0.55
SS4-4	0.33895	±	0.00419	5.3186	±	0.1118	0.1138	±	0.0019	1881.6	±	23.2	1871.8	±	39.4	1,862	±	32	0.38
SS4-5	0.03099	±	0.00091	0.2322	±	0.0288	0.0544	±	0.0065	196.7	±	5.8	212.0	±	26.3	386	±	46	0.83
SS4-6	0.16904	±	0.00265	1.7589	±	0.0757	0.0755	±	0.0030	1006.8	±	15.8	1030.4	±	44.4	1,081	±	43	0.63
SS4-7	0.34569	±	0.00510	5.3522	±	0.1691	0.1123	±	0.0031	1914.0	±	28.2	1877.2	±	59.3	1,837	±	51	0.62
SS4-8	0.36857	±	0.00680	5.4853	±	0.2482	0.1079	±	0.0045	2022.7	±	37.3	1898.2	±	85.9	1,765	±	73	0.68
SS4-9	0.34999	±	0.00771	5.5331	±	0.1917	0.1147	±	0.0031	1934.5	±	42.6	1905.7	±	66.0	1,875	±	50	0.14
SS4-10	0.34745	±	0.00753	5.3811	±	0.1772	0.1123	±	0.0028	1922.4	±	41.7	1881.8	±	62.0	1,838	±	46	0.15
SS4-11	0.02597	±	0.00061	0.1758	±	0.0106	0.0491	±	0.0027	165.2	±	3.9	164.5	±	9.9	154	±	9	1.40
SS4-12	0.03734	±	0.00120	0.2833	±	0.0318	0.0550	±	0.0059	236.3	±	7.6	253.3	±	28.4	414	±	45	0.51
SS4-13	0.02604	±	0.00086	0.2128	±	0.0243	0.0593	±	0.0065	165.7	±	5.5	195.9	±	22.4	578	±	63	0.97
SS4-14	0.02778	±	0.00069	0.3115	±	0.0184	0.0813	±	0.0044	176.6	±	4.4	275.3	±	16.3	1,230	±	66	0.43
SS4-15	0.03570	±	0.00108	0.2531	±	0.0265	0.0514	±	0.0051	226.1	±	6.8	229.1	±	24.0	260	±	26	0.44
SS4-16	0.03287	±	0.00087	0.2427	±	0.0192	0.0536	±	0.0040	208.5	±	5.5	220.6	±	17.4	353	±	26	0.47
SS4-17	0.45548	±	0.01297	9.8683	±	0.3738	0.1571	±	0.0039	2419.6	±	68.9	2422.5	±	91.7	2,426	±	61	0.46
SS4-18	0.35331	±	0.00995	5.5940	±	0.2047	0.1148	±	0.0027	1950.4	±	54.9	1915.1	±	70.1	1,878	±	44	0.03
SS4-19	0.36048	±	0.01026	5.6971	±	0.2211	0.1146	±	0.0030	1984.4	±	56.5	1930.9	±	74.9	1,874	±	49	0.25
SS4-20	0.03127	±	0.00112	0.2018	±	0.0230	0.0468	±	0.0051	198.5	±	7.1	186.6	±	21.3	39	±	4	0.81
SS4-21	0.31688	±	0.00889	5.1520	±	0.1837	0.1179	±	0.0026	1774.5	±	49.8	1844.7	±	65.8	1,925	±	42	0.03
SS4-22	0.33201	±	0.00944	5.2912	±	0.2040	0.1156	±	0.0030	1848.1	±	52.5	1867.4	±	72.0	1,890	±	49	0.03
SS4-23	0.33197	±	0.00972	5.1994	±	0.2332	0.1136	±	0.0039	1847.9	±	54.1	1852.4	±	83.1	1,858	±	63	0.32
SS4-24	0.25307	±	0.00708	4.9695	±	0.1731	0.1424	±	0.0030	1454.3	±	40.7	1814.1	±	63.2	2,257	±	47	0.92
SS4-25	0.38606	±	0.00677	7.6496	±	0.2400	0.1437	±	0.0037	2104.5	±	36.9	2190.6	±	68.7	2,273	±	59	0.07
SS4-26	0.36124	±	0.00628	5.8100	±	0.1818	0.1166	±	0.0030	1988.1	±	34.6	1947.8	±	61.0	1,906	±	50	0.09
SS4-27	0.45304	±	0.00775	10.2943	±	0.2989	0.1648	±	0.0039	2408.8	±	41.2	2461.5	±	71.5	2,506	±	59	0.18
SS4-28	0.41974	±	0.00778	8.0176	±	0.2897	0.1385	±	0.0043	2259.3	±	41.9	2232.9	±	80.7	2,209	±	68	0.15
SS4-29	0.33393	±	0.00600	5.2990	±	0.1830	0.1151	±	0.0034	1857.4	±	33.4	1868.6	±	64.5	1,882	±	56	0.45
SS4-30	0.32724	±	0.00597	5.0659	±	0.1831	0.1123	±	0.0035	1825.0	±	33.3	1830.3	±	66.1	1,837	±	57	0.23
SS4-31	0.02758	±	0.00077	0.1926	±	0.0208	0.0506	±	0.0053	175.4	±	4.9	178.8	±	19.3	225	±	23	0.36
SS4-32	0.34349	±	0.00610	5.5367	±	0.1842	0.1169	±	0.0033	1903.4	±	33.8	1906.2	±	63.4	1,910	±	54	0.43
SS4-33	0.47637	±	0.00990	9.6960	±	0.3030	0.1476	±	0.0034	2511.4	±	52.2	2406.2	±	75.2	2,319	±	54	0.62
SS4-34	0.49164	±	0.01038	12.5590	±	0.4080	0.1853	±	0.0046	2577.8	±	54.4	2647.1	±	86.0	2,701	±	67	0.56
SS4-35	0.34048	±	0.00719	5.2745	±	0.1798	0.1124	±	0.0030	1889.0	±	39.9	1864.7	±	63.6	1,838	±	49	0.48
SS4-36	0.29723	±	0.00623	4.6008	±	0.1517	0.1123	±	0.0029	1677.6	±	35.1	1749.3	±	57.7	1,837	±	47	0.09
SS4-37	0.02539	±	0.00072	0.1763	±	0.0170	0.0504	±	0.0046	161.6	±	4.6	164.9	±	15.9	213	±	20	1.15
SS4-38	0.32129	±	0.00694	5.1086	±	0.1885	0.1153	±	0.0034	1796.0	±	38.8	1837.5	±	67.8	1,885	±	56	0.13
SS4-39	0.02491	±	0.00062	0.1693	±	0.0126	0.0493	±	0.0035	158.6	±	4.0	158.8	±	11.8	163	±	11	0.30
SS4-40	0.32649	±	0.00706	5.1593	±	0.1912	0.1146	±	0.0034	1821.3	±	39.4	1845.9	±	68.4	1,874	±	56	0.31
SS4-41	0.33101	±	0.00582	5.2456	±	0.1898	0.1149	±	0.0036	1843.3	±	32.4	1860.0	±	67.3	1,879	±	59	0.18
SS4-42	0.32826	±	0.00520	5.1008	±	0.1362	0.1127	±	0.0024	1830.0	±	29.0	1836.2	±	49.0	1,844	±	40	0.16
SS4-43	0.33345	±	0.00549	5.3670	±	0.1623	0.1167	±	0.0030	1855.1	±	30.6	1879.5	±	56.9	1,907	±	48	0.23
SS4-44	0.35190	±	0.00573	5.5775	±	0.1637	0.1150	±	0.0028	1943.6	±	31.7	1912.6	±	56.1	1,880	±	46	0.40
SS4-45	0.31977	±	0.00512	5.0718	±	0.1404	0.1150	±	0.0026	1788.6	±	28.6	1831.3	±	50.7	1,881	±	42	0.24
SS4-46	0.48754	±	0.00765	12.3339	±	0.2960	0.1835	±	0.0033	2560.0	±	40.1	2630.1	±	63.1	2,685	±	49	0.63
SS4-47	0.03213	±	0.00073	0.2174	±	0.0183	0.0491	±	0.0040	203.8	±	4.6	199.7	±	16.8	152	±	12	0.98
SS4-48	0.35006	±	0.00547	6.0694	±	0.1521	0.1257	±	0.0025	1934.9	±	30.3	1985.8	±	49.8	2,040	±	40	0.16
SS4-49	0.02555	±	0.00096	0.2120	±	0.0313	0.0602	±	0.0086	162.6	±	6.1	195.2	±	28.9	611	±	87	1.37
SS4-50	0.33854	±	0.00698	5.1378	±	0.2318	0.1101	±	0.0044	1879.6	±	38.8	1842.3	±	83.1	1,801	±	72	0.77

SS4-51	0.02466	±	0.00067	0.1908	±	0.0188	0.0561	±	0.0053	157.1	±	4.3	177.3	±	17.5	458	±	43	0.58
SS4-52	0.40096	±	0.00715	9.0122	±	0.2620	0.1630	±	0.0037	2173.4	±	38.8	2339.2	±	68.0	2,488	±	57	0.15
SS4-53	0.02715	±	0.00087	0.2881	±	0.0314	0.0770	±	0.0080	172.7	±	5.5	257.1	±	28.0	1,121	±	117	0.88
SS4-54	0.34644	±	0.00633	5.6107	±	0.1812	0.1175	±	0.0031	1917.6	±	35.1	1917.7	±	61.9	1,918	±	51	0.18
SS4-55	0.34020	±	0.00629	5.4728	±	0.1833	0.1167	±	0.0033	1887.6	±	34.9	1896.3	±	63.5	1,906	±	53	0.12
SS4-56	0.33380	±	0.00616	5.2522	±	0.1757	0.1141	±	0.0032	1856.8	±	34.3	1861.1	±	62.2	1,866	±	52	0.19
SS4-57	0.41039	±	0.00956	7.7167	±	0.3253	0.1364	±	0.0048	2216.7	±	51.6	2198.5	±	92.7	2,182	±	77	0.79
SS4-58	0.34650	±	0.00843	5.3772	±	0.2605	0.1125	±	0.0047	1917.9	±	46.7	1881.2	±	91.1	1,841	±	77	0.26
SS4-59	0.32931	±	0.00755	5.2057	±	0.2114	0.1147	±	0.0038	1835.0	±	42.0	1853.5	±	75.3	1,875	±	63	0.51
SS4-60	0.34499	±	0.00787	6.0487	±	0.2410	0.1272	±	0.0042	1910.6	±	43.6	1982.8	±	79.0	2,060	±	67	0.27
SS4-61	0.31741	±	0.00725	4.9745	±	0.1997	0.1137	±	0.0038	1777.1	±	40.6	1814.9	±	72.9	1,859	±	61	0.57
SS4-62	0.02513	±	0.00066	0.1703	±	0.0130	0.0491	±	0.0035	160.0	±	4.2	159.7	±	12.2	155	±	11	0.97
SS4-63	0.33811	±	0.00770	5.3360	±	0.2124	0.1145	±	0.0037	1877.6	±	42.8	1874.6	±	74.6	1,872	±	61	0.13
SS4-64	0.34941	±	0.00800	5.7831	±	0.2340	0.1200	±	0.0040	1931.8	±	44.2	1943.8	±	78.7	1,957	±	65	0.14
SS4-65	0.32718	±	0.00772	5.2725	±	0.2037	0.1169	±	0.0036	1824.7	±	43.1	1864.3	±	72.0	1,909	±	58	0.12
SS4-66	0.35062	±	0.00864	5.7665	±	0.2567	0.1193	±	0.0044	1937.5	±	47.7	1941.3	±	86.4	1,946	±	72	0.57
SS4-67	0.03123	±	0.00107	0.2425	±	0.0293	0.0563	±	0.0065	198.2	±	6.8	220.5	±	26.7	466	±	54	0.74
SS4-68	0.33548	±	0.00811	5.3087	±	0.2238	0.1148	±	0.0040	1864.9	±	45.1	1870.2	±	78.8	1,877	±	65	0.39
SS4-69	0.02452	±	0.00066	0.1783	±	0.0130	0.0527	±	0.0036	156.2	±	4.2	166.6	±	12.1	318	±	22	0.39
SS4-70	0.02599	±	0.00074	0.1940	±	0.0166	0.0541	±	0.0044	165.4	±	4.7	180.0	±	15.4	376	±	30	0.99
SS4-71	0.32552	±	0.00773	5.0927	±	0.2020	0.1135	±	0.0036	1816.6	±	43.1	1834.8	±	72.8	1,856	±	59	0.20
SS4-72	0.02422	±	0.00062	0.2411	±	0.0138	0.0722	±	0.0037	154.3	±	3.9	219.3	±	12.5	992	±	51	0.66
SS4-73	0.36191	±	0.00561	6.0233	±	0.1423	0.1207	±	0.0022	1991.2	±	30.9	1979.1	±	46.8	1,967	±	35	0.36
SS4-74	0.48293	±	0.01151	11.2502	±	0.6099	0.1690	±	0.0082	2540.0	±	60.5	2544.0	±	137.9	2,548	±	124	0.49
SS4-75	0.33066	±	0.00526	5.3006	±	0.1397	0.1163	±	0.0024	1841.6	±	29.3	1868.9	±	49.3	1,900	±	40	0.28
SS4-76	0.34014	±	0.00569	5.3720	±	0.1675	0.1145	±	0.0030	1887.4	±	31.6	1880.3	±	58.6	1,873	±	49	0.17
SS4-77	0.02610	±	0.00071	0.1756	±	0.0195	0.0488	±	0.0053	166.1	±	4.5	164.3	±	18.3	138	±	15	1.02
SS4-78	0.45807	±	0.00745	11.4208	±	0.2940	0.1808	±	0.0036	2431.0	±	39.5	2558.0	±	65.9	2,661	±	53	0.78
SS4-79	0.03543	±	0.00087	0.2294	±	0.0223	0.0470	±	0.0044	224.4	±	5.5	209.7	±	20.4	48	±	5	1.88
SS4-80	0.02414	±	0.00048	0.1736	±	0.0110	0.0522	±	0.0032	153.8	±	3.0	162.6	±	10.3	293	±	18	0.44
SS4-81	0.34264	±	0.00935	5.5598	±	0.1803	0.1177	±	0.0021	1899.4	±	51.8	1909.8	±	61.9	1,922	±	34	0.13
SS4-82	0.02626	±	0.00078	0.1779	±	0.0116	0.0491	±	0.0029	167.1	±	4.9	166.2	±	10.8	155	±	9	0.71
SS4-83	0.27324	±	0.00777	4.2204	±	0.1713	0.1120	±	0.0032	1557.2	±	44.3	1677.9	±	68.1	1,833	±	53	0.27
SS4-84	0.03499	±	0.00118	0.2713	±	0.0256	0.0562	±	0.0050	221.7	±	7.5	243.7	±	23.0	462	±	41	1.01
SS4-85	0.36333	±	0.01002	6.1560	±	0.2102	0.1229	±	0.0025	1997.9	±	55.1	1998.2	±	68.2	1,999	±	40	0.48
SS4-86	0.02583	±	0.00083	0.1761	±	0.0153	0.0495	±	0.0040	164.4	±	5.3	164.7	±	14.3	170	±	14	0.67
SS4-87	0.43939	±	0.01221	9.3945	±	0.3214	0.1551	±	0.0031	2347.9	±	65.2	2377.2	±	81.3	2,403	±	48	0.52
SS4-88	0.31425	±	0.00995	4.7637	±	0.2723	0.1099	±	0.0052	1761.6	±	55.8	1778.5	±	101.7	1,799	±	86	0.32
SS4-89	0.03603	±	0.00150	0.2523	±	0.0253	0.0508	±	0.0046	228.2	±	9.5	228.5	±	22.9	232	±	21	0.92
SS4-90	0.02947	±	0.00149	0.2486	±	0.0388	0.0612	±	0.0090	187.2	±	9.5	225.5	±	35.2	647	±	95	1.00
SS4-91	0.29733	±	0.01120	4.7857	±	0.2508	0.1167	±	0.0043	1678.0	±	63.2	1782.3	±	93.4	1,907	±	69	0.32
SS4-92	0.03213	±	0.00124	0.2504	±	0.0170	0.0565	±	0.0032	203.9	±	7.9	226.9	±	15.4	473	±	26	0.93
SS4-93	0.36063	±	0.01354	5.6916	±	0.2932	0.1145	±	0.0040	1985.1	±	74.6	1930.0	±	99.4	1,872	±	66	0.13
SS4-94	0.06687	±	0.00420	4.4353	±	0.4940	0.4811	±	0.0442	417.3	±	26.2	1718.9	±	191.5	4,185	±	385	3.24
SS4-95	0.02570	±	0.00099	0.1907	±	0.0132	0.0538	±	0.0031	163.6	±	6.3	177.2	±	12.2	364	±	21	0.79
SS4-96	0.02860	±	0.00113	0.2083	±	0.0163	0.0528	±	0.0036	181.8	±	7.2	192.1	±	15.0	321	±	22	0.38
SS4-97	0.43286	±	0.00860	9.0137	±	0.2949	0.1510	±	0.0039	2318.6	±	46.0	2339.3	±	76.5	2,358	±	61	0.29
SS4-98	0.04478	±	0.00130	0.3609	±	0.0360	0.0585	±	0.0056	282.4	±	8.2	312.9	±	31.2	548	±	52	0.87
SS4-99	0.35650	±	0.00738	5.5817	±	0.2142	0.1136	±	0.0037	1965.6	±	40.7	1913.2	±	73.4	1,858	±	60	0.18
SS4-100	0.02980	±	0.00099	0.2265	±	0.0283	0.0551	±	0.0067	189.3	±	6.3	207.3	±	25.9	417	±	50	0.53
SS4-101	0.37871	±	0.00758	6.6582	±	0.2265	0.1275	±	0.0035	2070.2	±	41.5	2067.0	±	70.3	2,064	±	57	0.52
SS4-102	0.38917	±	0.00793	7.2136	±	0.2573	0.1344	±	0.0039	2119.0	±	43.2	2138.1	±	76.3	2,157	±	63	0.23
SS4-103	0.52450	±	0.01130	12.8138	±	0.5047	0.1772	±	0.0058	2718.3	±	58.6	2666.0	±	105.0	2,627	±	87	0.45
SS4-104	0.42647	±	0.00864	9.8784	±	0.3388	0.1680	±	0.0046	2289.8	±	46.4	2423.4	±	83.1	2,538	±	70	0.82
SS4-105	0.03503	±	0.00108	0.2587	±	0.0280	0.0536	±	0.0056	221.9	±	6.8	233.6	±	25.3	353	±	37	0.72
SS4-106	0.03613	±	0.00110	0.2696	±	0.0286	0.0541	±	0.0055	228.8	±	7.0	242.4	±	25.7	376	±	38	1.37
SS4-107	0.38595	±	0.00812	7.1443	±	0.2099	0.1343	±	0.0028	2104.0	±	44.2	2129.5	±	62.6	2,155	±	44	0.41
SS4-108	0.02502	±	0.00078	0.1644	±	0.0191	0.0477	±	0.0053	159.3	±	5.0	154.6	±	18.0	84	±	9	0.88
SS4-109	0.33547	±	0.00693	5.3307	±	0.1459	0.1152	±	0.0021	1864.8	±	38.5	1873.7	±	51.3	1,884	±	34	0.15
SS4-110	0.02953	±	0.00085	0.2092	±	0.0205	0.0514	±	0.0048	187.6	±	5.4	192.9	±	18.9	258	±	24	1.19
SS4-111	0.29736	±	0.00621	4.7475	±	0.1378	0.1158	±	0.0023	1678.2	±	35.0	1775.6	±	51.5	1,893	±	38	0.21
SS4-112	0.03166	±	0.00095	0.2510	±	0.0253	0.0575	±	0.0055	200.9	±	6.0	227.4	±	22.9	511	±	49	0.87
SS4-113	0.41772	±	0.00773	8.1569	±	0.2579	0.1416	±	0.0036	2250.1	±	41.6	2248.5	±	71.1	2,248	±	58	0.42
SS4-114	0.02457	±	0.00052	0.1870	±	0.0105	0.0552	±	0.0029	156.4	±	3.3	174.1	±	9.8	422	±	22	0.82
SS4-115	0.03766	±	0.00148	0.3171	±	0.0493	0.0611	±	0.0092	238.3	±	9.4	279.7	±	43.4	642	±	96	0.89
SS4-116	0.33759	±	0.00665	5.3267	±	0.2061	0.1144	±	0.0038	1875.1	±	36.9	1873.1	±	72.5	1,872	±	62	0.25
SS4-117	0.03506	±	0.00121	0.2728	±	0.0371	0.0564	±	0.0074	222.1	±	7.7	244.9	±	33.3	470	±	62	0.85

SS4-118	0.02403	±	0.00057	0.2273	±	0.0160	0.0686	±	0.0045	153.1	±	3.7	208.0	±	14.7	888	±	59	1.10
SS4-119	0.34092	±	0.00634	5.3403	±	0.1740	0.1136	±	0.0030	1891.1	±	35.2	1875.3	±	61.1	1,858	±	50	0.14
SS4-120	0.03365	±	0.00083	0.2203	±	0.0191	0.0475	±	0.0039	213.3	±	5.3	202.1	±	17.5	74	±	6	1.31
SS4-121	0.03367	±	0.00146	0.2426	±	0.0318	0.0523	±	0.0065	213.5	±	9.3	220.5	±	28.9	297	±	37	0.67
SS4-122	0.33144	±	0.01152	5.3650	±	0.2478	0.1174	±	0.0036	1845.4	±	64.1	1879.2	±	86.8	1,917	±	58	0.32
SS4-123	0.35715	±	0.01239	6.1143	±	0.2778	0.1242	±	0.0036	1968.6	±	68.3	1992.2	±	90.5	2,017	±	59	0.51
SS4-124	0.33910	±	0.01209	5.3271	±	0.2821	0.1139	±	0.0045	1882.4	±	67.1	1873.1	±	99.2	1,864	±	73	0.42
SS4-125	0.38476	±	0.01320	7.0377	±	0.2983	0.1327	±	0.0033	2098.5	±	72.0	2116.1	±	89.7	2,134	±	53	0.42
SS4-126	0.02698	±	0.00099	0.1943	±	0.0148	0.0522	±	0.0035	171.6	±	6.3	180.3	±	13.7	296	±	20	0.83
SS4-127	0.32842	±	0.01131	5.3440	±	0.2329	0.1180	±	0.0032	1830.7	±	63.0	1875.9	±	81.7	1,927	±	51	0.19
SS4-128	0.33899	±	0.01175	5.4824	±	0.2491	0.1173	±	0.0034	1881.8	±	65.2	1897.8	±	86.2	1,916	±	56	0.20
SS4-129	0.33243	±	0.00583	5.2508	±	0.1389	0.1146	±	0.0023	1850.1	±	32.4	1860.8	±	49.2	1,873	±	37	0.26
SS4-130	0.33034	±	0.00581	5.1806	±	0.1389	0.1137	±	0.0023	1840.0	±	32.4	1849.4	±	49.6	1,861	±	38	0.22
SS4-131	0.03368	±	0.00072	0.2571	±	0.0161	0.0554	±	0.0033	213.6	±	4.5	232.3	±	14.5	427	±	25	1.87
SS4-132	0.31082	±	0.00561	5.5940	±	0.1618	0.1305	±	0.0030	1744.7	±	31.5	1915.1	±	55.4	2,106	±	48	0.10
SS4-133	0.32001	±	0.00593	5.1227	±	0.1665	0.1161	±	0.0031	1789.8	±	33.1	1839.8	±	59.8	1,897	±	51	0.30
SS4-134	0.03932	±	0.00148	0.2776	±	0.0440	0.0512	±	0.0079	248.6	±	9.4	248.8	±	39.4	250	±	38	0.60
SS4-135	0.02649	±	0.00054	0.1784	±	0.0108	0.0489	±	0.0028	168.5	±	3.5	166.7	±	10.1	141	±	8	0.63
SS4-136	0.02536	±	0.00063	0.1961	±	0.0165	0.0561	±	0.0045	161.4	±	4.0	181.8	±	15.3	456	±	37	1.16
SS4-137	0.03425	±	0.00115	0.2402	±	0.0216	0.0509	±	0.0042	217.1	±	7.3	218.6	±	19.6	236	±	20	0.75
SS4-138	0.35758	±	0.01046	5.6194	±	0.2309	0.1140	±	0.0033	1970.7	±	57.7	1919.0	±	78.9	1,864	±	54	0.39
SS4-139	0.03160	±	0.00146	0.2081	±	0.0371	0.0478	±	0.0082	200.5	±	9.2	191.9	±	34.3	88	±	15	0.49
SS4-140	0.36637	±	0.01047	6.2809	±	0.2247	0.1243	±	0.0027	2012.3	±	57.5	2015.7	±	72.1	2,020	±	43	0.34
SS4-141	0.03325	±	0.00140	0.2759	±	0.0384	0.0602	±	0.0080	210.9	±	8.9	247.4	±	34.4	611	±	81	0.69
SS4-142	0.25960	±	0.00746	4.7105	±	0.1730	0.1316	±	0.0030	1487.8	±	42.7	1769.0	±	65.0	2,120	±	49	0.26
SS4-143	0.02614	±	0.00081	0.1964	±	0.0132	0.0545	±	0.0033	166.4	±	5.2	182.1	±	12.3	392	±	23	0.81
SS4-144	0.34276	±	0.00990	5.4570	±	0.2082	0.1155	±	0.0029	1899.9	±	54.9	1893.8	±	72.2	1,888	±	47	0.28
SS4-145	0.02573	±	0.00073	0.1894	±	0.0126	0.0534	±	0.0032	163.7	±	4.6	176.1	±	11.7	346	±	21	1.22
SS4-146	0.36423	±	0.00939	6.2952	±	0.2301	0.1254	±	0.0032	2002.2	±	51.6	2017.7	±	73.7	2,034	±	53	0.59
SS4-147	0.34904	±	0.00908	5.4425	±	0.2098	0.1131	±	0.0032	1930.0	±	50.2	1891.5	±	72.9	1,850	±	53	0.09
SS4-148	0.03030	±	0.00097	0.2277	±	0.0218	0.0545	±	0.0049	192.4	±	6.2	208.3	±	20.0	392	±	35	0.97
SS4-149	0.19854	±	0.00519	3.0884	±	0.1219	0.1128	±	0.0033	1167.4	±	30.5	1429.8	±	56.5	1,846	±	55	0.43
SS4-150	0.33622	±	0.00911	5.1946	±	0.2374	0.1121	±	0.0041	1868.5	±	50.6	1851.7	±	84.6	1,833	±	67	0.71
SS4-151	0.28367	±	0.00729	5.2073	±	0.1868	0.1331	±	0.0033	1609.8	±	41.4	1853.7	±	66.5	2,140	±	54	0.05
SS4-152	0.03979	±	0.00124	0.2689	±	0.0248	0.0490	±	0.0043	251.5	±	7.8	241.8	±	22.3	149	±	13	0.39
SS4-153	0.26494	±	0.00502	4.2275	±	0.1215	0.1157	±	0.0025	1515.1	±	28.7	1679.3	±	48.3	1,892	±	41	0.45
SS4-154	0.35439	±	0.00671	5.6284	±	0.1604	0.1152	±	0.0025	1955.5	±	37.0	1920.4	±	54.7	1,883	±	40	0.40
SS4-155	0.02842	±	0.00064	0.1799	±	0.0126	0.0459	±	0.0030	180.7	±	4.1	167.9	±	11.7	#N/A		#N/A	0.40
SS4-156	0.02727	±	0.00111	0.1668	±	0.0305	0.0444	±	0.0079	173.4	±	7.0	156.6	±	28.6	#N/A		#N/A	0.78
SS4-157	0.02806	±	0.00075	0.2220	±	0.0199	0.0574	±	0.0049	178.4	±	4.8	203.5	±	18.2	506	±	43	0.71
SS4-158	0.03534	±	0.00096	0.2390	±	0.0235	0.0490	±	0.0046	223.9	±	6.1	217.6	±	21.4	150	±	14	1.07
SS4-159	0.47844	±	0.00874	10.7893	±	0.2460	0.1636	±	0.0022	2520.4	±	46.0	2505.1	±	57.1	2,493	±	34	0.57
SS4-160	0.34142	±	0.00664	5.3375	±	0.1704	0.1134	±	0.0029	1893.5	±	36.8	1874.8	±	59.8	1,855	±	47	0.39

Sample SS5

No.	Isotopic ratio									Age(Ma)									Th/U
	$^{206}Pb/^{238}U$			$^{207}Pb/^{235}U$			$^{207}Pb/^{206}Pb$			$^{238}U/^{206}Pb$ (Ma)			$^{235}U/^{207}Pb$ (Ma)			$^{207}Pb/^{206}Pb$(Ma)			
SS5-1	0.01053	±	0.00083	0.0807	±	0.0279	0.0556	±	0.0187	67.5	±	5.3	78.8	±	27.2	436	±	147	0.64
SS5-2	0.01147	±	0.00058	0.0986	±	0.0191	0.0624	±	0.0117	73.5	±	3.7	95.5	±	18.5	687	±	129	0.67
SS5-3	0.01242	±	0.00037	0.0764	±	0.0073	0.0446	±	0.0040	79.6	±	2.4	74.7	±	7.1	#N/A		#N/A	0.39
SS5-4	0.01112	±	0.00054	0.0700	±	0.0147	0.0457	±	0.0094	71.3	±	3.4	68.7	±	14.5	#N/A		#N/A	0.54
SS5-5	0.01111	±	0.00073	0.0757	±	0.0225	0.0494	±	0.0143	71.3	±	4.7	74.1	±	22.0	169	±	49	0.85
SS5-6	0.09506	±	0.00310	1.3426	±	0.1091	0.1024	±	0.0076	585.4	±	19.1	864.3	±	70.2	1,669	±	124	0.45
SS5-7	0.01083	±	0.00051	0.0695	±	0.0140	0.0465	±	0.0091	69.4	±	3.3	68.2	±	13.7	25	±	5	0.71
SS5-8	0.00919	±	0.00057	0.0730	±	0.0187	0.0576	±	0.0143	59.0	±	3.6	71.6	±	18.3	516	±	128	0.89
SS5-9	0.01100	±	0.00051	0.0869	±	0.0170	0.0573	±	0.0109	70.5	±	3.3	84.6	±	16.6	504	±	96	0.71
SS5-10	0.01095	±	0.00062	3.2072	±	0.2904	2.1244	±	0.1505	70.2	±	4.0	1458.9	±	132.1	4,597	±	326	0.56
SS5-11	0.02981	±	0.00079	0.2066	±	0.0204	0.0503	±	0.0048	189.4	±	5.0	190.7	±	18.8	208	±	20	0.34
SS5-12	0.01101	±	0.00078	0.0971	±	0.0292	0.0640	±	0.0187	70.6	±	5.0	94.1	±	28.3	741	±	216	0.56
SS5-13	0.01130	±	0.00071	0.0918	±	0.0249	0.0589	±	0.0156	72.4	±	4.5	89.1	±	24.2	564	±	149	0.45
SS5-14	0.01030	±	0.00074	0.0687	±	0.0242	0.0483	±	0.0167	66.1	±	4.8	67.4	±	23.8	117	±	40	0.73
SS5-15	0.01066	±	0.00072	0.0764	±	0.0239	0.0520	±	0.0159	68.4	±	4.6	74.8	±	23.4	285	±	87	0.43
SS5-16	0.01613	±	0.00041	0.0959	±	0.0096	0.0431	±	0.0042	103.1	±	2.6	92.9	±	9.3	#N/A		#N/A	0.25
SS5-17	0.01227	±	0.00115	0.1139	±	0.0461	0.0673	±	0.0265	78.6	±	7.4	109.5	±	44.3	849	±	334	0.52
SS5-18	0.01020	±	0.00082	0.0918	±	0.0318	0.0653	±	0.0220	65.4	±	5.3	89.2	±	30.9	783	±	264	0.50
SS5-19	0.01610	±	0.00082	0.0998	±	0.0251	0.0449	±	0.0111	103.0	±	5.2	96.6	±	24.3				0.53

SS5-20	0.01060	±	0.00068	0.1321	±	0.0311	0.0904	±	0.0205	68.0	±	4.4	126.0	±	29.7	1,435	±	325	0.68
SS5-21	0.01143	±	0.00067	0.0860	±	0.0231	0.0546	±	0.0143	73.3	±	4.3	83.7	±	22.5	394	±	103	0.35
SS5-22	0.01091	±	0.00070	0.0880	±	0.0252	0.0585	±	0.0163	69.9	±	4.5	85.6	±	24.5	548	±	153	0.39
SS5-23	0.01684	±	0.00091	0.1367	±	0.0325	0.0589	±	0.0136	107.7	±	5.8	130.1	±	30.9	563	±	130	0.56
SS5-24	0.01074	±	0.00056	0.0679	±	0.0173	0.0458	±	0.0114	68.9	±	3.6	66.7	±	17.0	#N/A		#N/A	0.72
SS5-25	0.01142	±	0.00059	0.0734	±	0.0191	0.0466	±	0.0119	73.2	±	3.8	71.9	±	18.7	28	±	7	0.60
SS5-26	0.01129	±	0.00080	0.0709	±	0.0269	0.0455	±	0.0170	72.4	±	5.1	69.5	±	26.4	#N/A		#N/A	0.41
SS5-27	0.01074	±	0.00108	0.0959	±	0.0457	0.0647	±	0.0301	68.9	±	6.9	93.0	±	44.3	766	±	357	0.49
SS5-28	0.01162	±	0.00059	0.0599	±	0.0171	0.0374	±	0.0105	74.5	±	3.8	59.1	±	16.9	#N/A		#N/A	0.85
SS5-29	0.01157	±	0.00104	0.0633	±	0.0350	0.0397	±	0.0217	74.1	±	6.6	62.3	±	34.5	#N/A		#N/A	0.50
SS5-30	0.01120	±	0.00069	0.0569	±	0.0205	0.0368	±	0.0131	71.8	±	4.4	56.2	±	20.2	#N/A		#N/A	0.72
SS5-31	0.01105	±	0.00080	0.1153	±	0.0346	0.0757	±	0.0220	70.8	±	5.1	110.8	±	33.3	1,087	±	317	0.54
SS5-32	0.01098	±	0.00054	0.0677	±	0.0171	0.0447	±	0.0111	70.4	±	3.5	66.6	±	16.8	#N/A		#N/A	0.75
SS5-33	0.01181	±	0.00105	0.1275	±	0.0465	0.0783	±	0.0277	75.7	±	6.7	121.8	±	44.5	1,155	±	409	0.57
SS5-34	0.01150	±	0.00063	0.0749	±	0.0202	0.0472	±	0.0125	73.7	±	4.0	73.4	±	19.8	62	±	16	0.60
SS5-35	0.01139	±	0.00028	0.0792	±	0.0082	0.0505	±	0.0051	73.0	±	1.8	77.4	±	8.0	217	±	22	0.52
SS5-36	0.01163	±	0.00083	0.0864	±	0.0297	0.0539	±	0.0181	74.6	±	5.3	84.2	±	28.9	366	±	123	0.49
SS5-37	0.01129	±	0.00065	0.0834	±	0.0227	0.0536	±	0.0142	72.4	±	4.2	81.3	±	22.1	353	±	94	0.89
SS5-38	0.01551	±	0.00046	0.1106	±	0.0140	0.0517	±	0.0064	99.2	±	2.9	106.5	±	13.5	273	±	34	0.51
SS5-39	0.01096	±	0.00063	0.0566	±	0.0183	0.0374	±	0.0119	70.2	±	4.0	55.9	±	18.0	#N/A		#N/A	0.58
SS5-40	0.01148	±	0.00062	0.0640	±	0.0184	0.0404	±	0.0115	73.6	±	4.0	63.0	±	18.2	#N/A		#N/A	0.75
SS5-41	0.01095	±	0.00074	0.0859	±	0.0265	0.0569	±	0.0171	70.2	±	4.7	83.6	±	25.8	487	±	146	0.50
SS5-42	0.01143	±	0.00045	0.0838	±	0.0143	0.0532	±	0.0088	73.2	±	2.9	81.7	±	14.0	338	±	56	0.55
SS5-43	0.01264	±	0.00088	0.0659	±	0.0262	0.0378	±	0.0148	81.0	±	5.6	64.8	±	25.8	#N/A		#N/A	0.68
SS5-44	0.01194	±	0.00070	0.0738	±	0.0219	0.0448	±	0.0130	76.5	±	4.5	72.3	±	21.4	#N/A		#N/A	0.70
SS5-45	0.01135	±	0.00107	0.0944	±	0.0421	0.0603	±	0.0263	72.7	±	6.8	91.6	±	40.9	617	±	269	0.77
SS5-46	0.01098	±	0.00045	0.0833	±	0.0144	0.0550	±	0.0093	70.4	±	2.9	81.2	±	14.1	412	±	69	0.78
SS5-47	0.01539	±	0.00054	0.1060	±	0.0162	0.0500	±	0.0074	98.5	±	3.5	102.3	±	15.6	194	±	29	0.44
SS5-48	0.01163	±	0.00050	0.0763	±	0.0153	0.0476	±	0.0093	74.6	±	3.2	74.7	±	15.0	80	±	16	0.56
SS5-49	0.02685	±	0.00115	0.1873	±	0.0363	0.0506	±	0.0095	170.8	±	7.3	174.3	±	33.7	222	±	42	0.44
SS5-50	0.01266	±	0.00063	0.0774	±	0.0194	0.0444	±	0.0109	81.1	±	4.1	75.7	±	19.0	#N/A		#N/A	0.74
SS5-51	0.01136	±	0.00058	0.0811	±	0.0194	0.0518	±	0.0121	72.8	±	3.7	79.2	±	19.0	276	±	65	0.57
SS5-52	0.01151	±	0.00074	0.1005	±	0.0285	0.0633	±	0.0175	73.8	±	4.8	97.2	±	27.6	719	±	199	0.61
SS5-53	0.01173	±	0.00067	0.0790	±	0.0222	0.0489	±	0.0134	75.2	±	4.3	77.2	±	21.7	141	±	39	0.55
SS5-54	0.01297	±	0.00132	0.0515	±	0.0437	0.0288	±	0.0243	83.1	±	8.5	51.0	±	43.3	#N/A		#N/A	0.67
SS5-55	0.01089	±	0.00065	0.0709	±	0.0212	0.0472	±	0.0139	69.8	±	4.1	69.5	±	20.8	60	±	18	0.64
SS5-56	0.01108	±	0.00092	0.0716	±	0.0326	0.0468	±	0.0210	71.0	±	5.9	70.2	±	32.0	42	±	19	0.50
SS5-57	0.02627	±	0.00048	0.1863	±	0.0106	0.0514	±	0.0028	167.2	±	3.1	173.5	±	9.9	261	±	14	0.67
SS5-58	0.01120	±	0.00050	0.0677	±	0.0148	0.0438	±	0.0094	71.8	±	3.2	66.5	±	14.5				0.63
SS5-59	0.01301	±	0.00037	0.0915	±	0.0109	0.0510	±	0.0059	83.4	±	2.4	88.9	±	10.6	241	±	28	0.39
SS5-60	0.01137	±	0.00046	0.0694	±	0.0136	0.0442	±	0.0085	72.9	±	3.0	68.1	±	13.4	#N/A		#N/A	0.96
SS5-61	0.01106	±	0.00059	0.0887	±	0.0206	0.0582	±	0.0132	70.9	±	3.8	86.3	±	20.1	537	±	122	0.78
SS5-62	0.01066	±	0.00053	0.0959	±	0.0194	0.0653	±	0.0128	68.3	±	3.4	93.0	±	18.8	784	±	154	0.65
SS5-63	0.01175	±	0.00056	0.0715	±	0.0169	0.0441	±	0.0102	75.3	±	3.6	70.1	±	16.5				0.86
SS5-64	0.01191	±	0.00100	0.1024	±	0.0389	0.0623	±	0.0231	76.3	±	6.4	99.0	±	37.6	686	±	254	0.56
SS5-65	0.01072	±	0.00056	0.0793	±	0.0181	0.0537	±	0.0119	68.7	±	3.6	77.5	±	17.6	357	±	79	0.59
SS5-66	0.01096	±	0.00045	0.0728	±	0.0132	0.0482	±	0.0085	70.2	±	2.9	71.3	±	13.0	109	±	19	0.62
SS5-67	0.01136	±	0.00047	0.0660	±	0.0128	0.0422	±	0.0080	72.8	±	3.0	64.9	±	12.6	#N/A		#N/A	0.54
SS5-68	0.01153	±	0.00060	0.0893	±	0.0199	0.0562	±	0.0122	73.9	±	3.9	86.9	±	19.4	461	±	100	0.82
SS5-69	0.01157	±	0.00083	0.0732	±	0.0252	0.0459	±	0.0154	74.2	±	5.3	71.7	±	24.7	#N/A		#N/A	0.74
SS5-70	0.01047	±	0.00079	0.0954	±	0.0296	0.0660	±	0.0199	67.1	±	5.1	92.5	±	28.7	808	±	243	0.55
SS5-71	0.01248	±	0.00029	0.0965	±	0.0070	0.0560	±	0.0039	80.0	±	1.8	93.5	±	6.8	454	±	31	0.43
SS5-72	0.01273	±	0.00084	0.1215	±	0.0320	0.0692	±	0.0176	81.6	±	5.4	116.4	±	30.6	905	±	230	0.53
SS5-73	0.01142	±	0.00060	0.0756	±	0.0189	0.0480	±	0.0117	73.2	±	3.9	74.0	±	18.5	98	±	24	0.80
SS5-74	0.01059	±	0.00059	0.0722	±	0.0187	0.0494	±	0.0125	67.9	±	3.8	70.8	±	18.3	167	±	42	0.59
SS5-75	0.01099	±	0.00072	0.0852	±	0.0250	0.0562	±	0.0161	70.4	±	4.6	83.0	±	24.4	462	±	132	0.62
SS5-76	0.04261	±	0.00139	0.2806	±	0.0412	0.0478	±	0.0068	269.0	±	8.8	251.1	±	36.9	88	±	13	0.54
SS5-77	0.03127	±	0.00062	0.2214	±	0.0169	0.0513	±	0.0038	198.5	±	4.0	203.1	±	15.5	257	±	19	0.66
SS5-78	0.01214	±	0.00084	0.1298	±	0.0347	0.0776	±	0.0200	77.8	±	5.4	123.9	±	33.2	1,136	±	294	0.43
SS5-79	0.01110	±	0.00047	0.0878	±	0.0159	0.0574	±	0.0101	71.2	±	3.0	85.5	±	15.4	506	±	89	0.97
SS5-80	0.01236	±	0.00139	0.0143	±	0.0247	0.0084	±	0.0144	79.2	±	8.9	14.4	±	24.9	#N/A		#N/A	0.50
SS5-81	0.01217	±	0.00046	0.4083	±	0.0354	0.2433	±	0.0190	78.0	±	3.0	347.6	±	30.2	3,142	±	245	0.47
SS5-82	0.01147	±	0.00066	0.0821	±	0.0217	0.0519	±	0.0134	73.5	±	4.3	80.1	±	21.2	283	±	73	0.75
SS5-83	0.01119	±	0.00066	0.0816	±	0.0219	0.0528	±	0.0138	71.8	±	4.2	79.6	±	21.4	323	±	85	0.56
SS5-84	0.01074	±	0.00060	0.1176	±	0.0245	0.0794	±	0.0159	68.9	±	3.9	112.9	±	23.5	1,182	±	237	0.92
SS5-85	0.01077	±	0.00084	0.0870	±	0.0306	0.0586	±	0.0201	69.0	±	5.4	84.7	±	29.8	553	±	190	0.53
SS5-86	0.01185	±	0.00065	0.0515	±	0.0164	0.0315	±	0.0099	76.0	±	4.2	51.0	±	16.3	#N/A		#N/A	0.52

SS5-87	0.01100	±	0.00050	0.0765	±	0.0153	0.0504	±	0.0098	70.5	±	3.2	74.8	±	15.0	216	±	42	0.98
SS5-88	0.01279	±	0.00066	0.1113	±	0.0231	0.0631	±	0.0127	81.9	±	4.2	107.2	±	22.3	713	±	144	0.67
SS5-89	0.01164	±	0.00164	0.0586	±	0.0502	0.0365	±	0.0308	74.6	±	10.5	57.9	±	49.5	#N/A		#N/A	0.40
SS5-90	0.01125	±	0.00034	0.0793	±	0.0090	0.0511	±	0.0056	72.1	±	2.2	77.5	±	8.8	247	±	27	0.55
SS5-91	0.01062	±	0.00056	0.0996	±	0.0206	0.0680	±	0.0136	68.1	±	3.6	96.4	±	19.9	870	±	173	0.87
SS5-92	0.01155	±	0.00065	0.0667	±	0.0185	0.0419	±	0.0114	74.0	±	4.2	65.6	±	18.2	#N/A		#N/A	0.61
SS5-93	0.01160	±	0.00067	0.0827	±	0.0213	0.0517	±	0.0130	74.4	±	4.3	80.7	±	20.8	272	±	68	0.51
SS5-94	0.01150	±	0.00031	0.0800	±	0.0076	0.0504	±	0.0046	73.7	±	2.0	78.1	±	7.4	216	±	20	0.45
SS5-95	0.01049	±	0.00070	0.0733	±	0.0225	0.0506	±	0.0152	67.3	±	4.5	71.8	±	22.1	225	±	68	0.42
SS5-96	0.01202	±	0.00058	0.0937	±	0.0186	0.0565	±	0.0109	77.0	±	3.7	90.9	±	18.1	474	±	91	0.56
SS5-97	0.01149	±	0.00056	0.1007	±	0.0185	0.0636	±	0.0113	73.6	±	3.6	97.4	±	17.9	728	±	129	1.00
SS5-98	0.01129	±	0.00064	0.0749	±	0.0192	0.0481	±	0.0120	72.4	±	4.1	73.3	±	18.8	104	±	26	0.70
SS5-99	0.01115	±	0.00057	0.0678	±	0.0157	0.0441	±	0.0100	71.5	±	3.6	66.6	±	15.4	#N/A		#N/A	0.94
SS5-100	0.01251	±	0.00095	0.1080	±	0.0345	0.0627	±	0.0194	80.1	±	6.1	104.2	±	33.2	697	±	216	0.44
SS5-101	0.01180	±	0.00067	0.0833	±	0.0206	0.0512	±	0.0123	75.6	±	4.3	81.3	±	20.1	252	±	61	0.61
SS5-102	0.01093	±	0.00058	0.0732	±	0.0171	0.0486	±	0.0111	70.1	±	3.7	71.8	±	16.8	128	±	29	0.80
SS5-103	0.01097	±	0.00069	0.0796	±	0.0220	0.0526	±	0.0142	70.3	±	4.4	77.8	±	21.5	314	±	85	0.56
SS5-104	0.01105	±	0.00076	0.0531	±	0.0199	0.0349	±	0.0129	70.9	±	4.9	52.6	±	19.7	#N/A		#N/A	0.52
SS5-105	0.01078	±	0.00033	0.0624	±	0.0093	0.0420	±	0.0061	69.1	±	2.1	61.5	±	9.1	#N/A		#N/A	0.53
SS5-106	0.01090	±	0.00023	0.0946	±	0.0072	0.0629	±	0.0046	69.9	±	1.5	91.8	±	7.0	707	±	52	0.55
SS5-107	0.01084	±	0.00035	0.0722	±	0.0107	0.0483	±	0.0070	69.5	±	2.2	70.8	±	10.5	116	±	17	0.81
SS5-108	0.01133	±	0.00057	0.0835	±	0.0204	0.0534	±	0.0128	72.6	±	3.7	81.4	±	19.9	347	±	83	0.74
SS5-109	0.01235	±	0.00107	0.1065	±	0.0473	0.0625	±	0.0273	79.1	±	6.8	102.7	±	45.7	693	±	302	0.55
SS5-110	0.01186	±	0.00052	0.0892	±	0.0183	0.0546	±	0.0110	76.0	±	3.4	86.7	±	17.8	395	±	79	0.45
SS5-111	0.01098	±	0.00051	0.0836	±	0.0181	0.0552	±	0.0117	70.4	±	3.3	81.5	±	17.7	420	±	89	0.68
SS5-112	0.01112	±	0.00035	0.0764	±	0.0110	0.0498	±	0.0070	71.3	±	2.3	74.7	±	10.7	188	±	26	0.61
SS5-113	0.01270	±	0.00114	0.0611	±	0.0384	0.0349	±	0.0217	81.4	±	7.3	60.3	±	37.8	#N/A		#N/A	0.53
SS5-114	0.01097	±	0.00078	0.0802	±	0.0276	0.0530	±	0.0179	70.3	±	5.0	78.3	±	27.0	331	±	111	0.57
SS5-115	0.01165	±	0.00056	0.0936	±	0.0178	0.0583	±	0.0107	74.7	±	3.6	90.8	±	17.3	540	±	99	0.58
SS5-116	0.01478	±	0.00074	0.1008	±	0.0217	0.0494	±	0.0104	94.6	±	4.7	97.5	±	21.0	169	±	35	0.58
SS5-117	0.01090	±	0.00071	0.1411	±	0.0320	0.0939	±	0.0204	69.9	±	4.5	134.1	±	30.4	1,508	±	327	0.87
SS5-118	0.01041	±	0.00045	0.0715	±	0.0124	0.0498	±	0.0084	66.8	±	2.9	70.1	±	12.2	186	±	31	0.63
SS5-119	0.11636	±	0.00318	1.7154	±	0.0716	0.1069	±	0.0034	709.6	±	19.4	1014.3	±	42.3	1,748	±	55	0.14
SS5-120	0.01143	±	0.00084	0.0960	±	0.0317	0.0610	±	0.0196	73.2	±	5.4	93.1	±	30.7	638	±	205	0.56
SS5-121	0.01157	±	0.00058	0.0911	±	0.0191	0.0571	±	0.0116	74.2	±	3.7	88.5	±	18.6	495	±	101	0.49
SS5-122	0.01140	±	0.00058	0.0699	±	0.0167	0.0445	±	0.0104	73.1	±	3.7	68.6	±	16.4	#N/A		#N/A	0.58
SS5-123	0.01358	±	0.00060	0.1243	±	0.0210	0.0664	±	0.0108	87.0	±	3.9	119.0	±	20.1	819	±	134	0.81
SS5-124	0.01090	±	0.00041	0.0833	±	0.0125	0.0554	±	0.0081	69.9	±	2.7	81.2	±	12.2	429	±	62	0.61
SS5-125	0.01089	±	0.00051	0.0755	±	0.0156	0.0503	±	0.0101	69.8	±	3.3	73.9	±	15.2	209	±	42	0.92
SS5-126	0.01085	±	0.00044	0.1037	±	0.0155	0.0693	±	0.0100	69.5	±	2.8	100.2	±	15.0	909	±	131	0.63
SS5-127	0.01051	±	0.00108	0.0947	±	0.0426	0.0654	±	0.0286	67.4	±	6.9	91.9	±	41.3	787	±	345	0.44
SS5-128	0.01116	±	0.00029	0.0757	±	0.0067	0.0491	±	0.0042	71.6	±	1.9	74.0	±	6.6	155	±	13	0.59
SS5-129	0.01058	±	0.00053	0.0919	±	0.0205	0.0630	±	0.0137	67.9	±	3.4	89.3	±	20.0	709	±	154	0.68
SS5-130	0.01132	±	0.00036	0.0643	±	0.0105	0.0412	±	0.0066	72.6	±	2.3	63.3	±	10.4	#N/A		#N/A	0.79
SS5-131	0.01128	±	0.00053	0.0734	±	0.0178	0.0472	±	0.0112	72.3	±	3.4	71.9	±	17.4	59	±	14	0.74
SS5-132	0.01070	±	0.00039	0.0804	±	0.0134	0.0545	±	0.0088	68.6	±	2.5	78.5	±	13.0	393	±	64	1.06
SS5-133	0.01741	±	0.00173	0.7168	±	0.1674	0.2986	±	0.0631	111.3	±	11.1	548.8	±	128.1	3,463	±	731	0.50
SS5-134	0.01123	±	0.00066	0.0943	±	0.0260	0.0609	±	0.0164	72.0	±	4.2	91.5	±	25.3	636	±	172	0.79
SS5-135	0.01071	±	0.00122	0.0797	±	0.0579	0.0540	±	0.0387	68.7	±	7.8	77.9	±	56.5	372	±	267	0.46
SS5-136	0.01010	±	0.00024	0.0688	±	0.0069	0.0495	±	0.0048	64.8	±	1.5	67.6	±	6.8	170	±	17	0.49
SS5-137	0.00990	±	0.00061	0.0593	±	0.0177	0.0435	±	0.0127	63.5	±	3.9	58.5	±	17.4	#N/A		#N/A	0.78
SS5-138	0.01115	±	0.00041	0.0843	±	0.0119	0.0548	±	0.0074	71.5	±	2.6	82.1	±	11.6	404	±	55	1.16
SS5-139	0.01088	±	0.00037	0.0725	±	0.0097	0.0483	±	0.0062	69.8	±	2.4	71.0	±	9.5	115	±	15	0.55
SS5-140	0.01187	±	0.00118	0.0828	±	0.0410	0.0506	±	0.0245	76.1	±	7.6	80.8	±	40.0	222	±	108	0.44
SS5-141	0.01295	±	0.00047	0.1030	±	0.0137	0.0577	±	0.0074	83.0	±	3.0	99.5	±	13.2	518	±	66	0.53
SS5-142	0.01132	±	0.00068	0.0739	±	0.0205	0.0473	±	0.0128	72.6	±	4.3	72.4	±	20.1	67	±	18	0.79
SS5-143	0.01073	±	0.00054	0.0708	±	0.0158	0.0479	±	0.0104	68.8	±	3.5	69.5	±	15.5	93	±	20	0.76
SS5-144	0.01069	±	0.00046	0.0803	±	0.0139	0.0544	±	0.0091	68.6	±	3.0	78.4	±	13.6	390	±	65	0.60
SS5-145	0.01023	±	0.00090	0.0526	±	0.0306	0.0373	±	0.0214	65.6	±	5.8	52.0	±	30.3	#N/A		#N/A	0.66
SS5-146	0.01164	±	0.00053	0.1092	±	0.0193	0.0681	±	0.0116	74.6	±	3.4	105.2	±	18.6	871	±	149	0.97
SS5-147	0.01137	±	0.00058	0.0717	±	0.0178	0.0457	±	0.0111	72.9	±	3.7	70.3	±	17.4	#N/A		#N/A	0.67
SS5-148	0.01260	±	0.00063	0.0940	±	0.0211	0.0541	±	0.0119	80.7	±	4.1	91.3	±	20.5	377	±	83	0.65
SS5-149	0.01152	±	0.00032	0.0792	±	0.0079	0.0499	±	0.0048	73.8	±	2.0	77.4	±	7.8	190	±	18	0.49
SS5-150	0.01117	±	0.00076	0.1051	±	0.0303	0.0682	±	0.0191	71.6	±	4.9	101.4	±	29.2	876	±	245	0.57
SS5-151	0.01201	±	0.00081	0.0786	±	0.0274	0.0475	±	0.0162	77.0	±	5.2	76.9	±	26.8	75	±	26	0.58
SS5-152	0.01115	±	0.00029	0.0778	±	0.0071	0.0506	±	0.0044	71.5	±	1.9	76.1	±	6.9	224	±	20	0.67
SS5-153	0.01141	±	0.00054	0.0643	±	0.0147	0.0409	±	0.0091	73.1	±	3.5	63.3	±	14.5	#N/A		#N/A	0.71

SS5-154	0.01250	±	0.00075	0.0758	±	0.0215	0.0440	±	0.0122	80.1	±	4.8	74.2	±	21.0	#N/A		#N/A	0.56
SS5-155	0.01109	±	0.00020	0.3463	±	0.0129	0.2264	±	0.0074	71.1	±	1.3	301.9	±	11.2	3,027	±	98	0.57
SS5-156	0.01344	±	0.00056	0.1103	±	0.0185	0.0595	±	0.0097	86.1	±	3.6	106.2	±	17.8	586	±	95	0.54
SS5-157	0.01170	±	0.00038	0.0782	±	0.0108	0.0485	±	0.0065	75.0	±	2.4	76.4	±	10.6	123	±	17	0.70
SS5-158	0.01092	±	0.00064	0.1202	±	0.0258	0.0798	±	0.0165	70.0	±	4.1	115.3	±	24.7	1,194	±	246	0.92
SS5-159	0.01200	±	0.00072	0.0790	±	0.0215	0.0477	±	0.0127	76.9	±	4.6	77.2	±	21.0	87	±	23	0.53
SS5-160	0.01111	±	0.00064	0.0837	±	0.0205	0.0546	±	0.0130	71.3	±	4.1	81.7	±	20.0	398	±	95	0.52

Sample SS6

	Isotopic ratio									Age(Ma)									
No.	$^{206}Pb/^{238}U$			$^{207}Pb/^{235}U$			$^{207}Pb/^{206}Pb$			$^{238}U/^{206}Pb$ (Ma)			$^{235}U/^{207}Pb$ (Ma)			$^{207}Pb/^{206}Pb$(Ma)			Th/U
SS6-1	0.01234	±	0.00031	0.0817	±	0.0085	0.0480	±	0.0048	79.1	±	2.0	79.8	±	8.3	102	±	10	0.63
SS6-2	0.01826	±	0.00061	0.1350	±	0.0196	0.0536	±	0.0076	116.6	±	3.9	128.6	±	18.7	355	±	50	0.46
SS6-3	0.01419	±	0.00028	0.0930	±	0.0064	0.0475	±	0.0031	90.8	±	1.8	90.3	±	6.2	76	±	5	1.29
SS6-4	0.01429	±	0.00053	0.1120	±	0.0181	0.0568	±	0.0090	91.5	±	3.4	107.8	±	17.4	486	±	77	0.77
SS6-5	0.01386	±	0.00092	0.0823	±	0.0333	0.0431	±	0.0172	88.7	±	5.9	80.3	±	32.5	#N/A		#N/A	0.64
SS6-6	0.01353	±	0.00042	0.0842	±	0.0118	0.0451	±	0.0062	86.6	±	2.7	82.1	±	11.5	#N/A		#N/A	0.52
SS6-7	0.01597	±	0.00043	0.1169	±	0.0128	0.0531	±	0.0056	102.1	±	2.8	112.3	±	12.2	334	±	35	0.63
SS6-8	0.01507	±	0.00045	0.1015	±	0.0130	0.0488	±	0.0061	96.4	±	2.9	98.1	±	12.5	141	±	17	0.51
SS6-9	0.01146	±	0.00040	0.0711	±	0.0067	0.0450	±	0.0040	73.5	±	2.6	69.8	±	6.6	#N/A		#N/A	0.47
SS6-10	0.02733	±	0.00100	0.2190	±	0.0212	0.0581	±	0.0052	173.8	±	6.3	201.1	±	19.5	535	±	48	0.93
SS6-11	0.01692	±	0.00073	0.1188	±	0.0178	0.0509	±	0.0073	108.1	±	4.7	114.0	±	17.1	239	±	34	0.42
SS6-12	0.01596	±	0.00057	0.1192	±	0.0115	0.0542	±	0.0048	102.1	±	3.7	114.4	±	11.0	378	±	34	0.45
SS6-13	0.01679	±	0.00082	0.1629	±	0.0263	0.0703	±	0.0108	107.3	±	5.2	153.2	±	24.7	939	±	145	0.59
SS6-14	0.01462	±	0.00062	0.0825	±	0.0136	0.0409	±	0.0065	93.6	±	4.0	80.5	±	13.2	#N/A		#N/A	0.59
SS6-15	0.04471	±	0.00153	0.3018	±	0.0258	0.0490	±	0.0038	282.0	±	9.7	267.8	±	22.9	146	±	11	0.44
SS6-16	0.03953	±	0.00125	0.2855	±	0.0162	0.0524	±	0.0025	249.9	±	7.9	255.0	±	14.5	303	±	14	0.30
SS6-17	0.01573	±	0.00058	0.1276	±	0.0157	0.0588	±	0.0069	100.6	±	3.7	121.9	±	15.0	561	±	66	0.38
SS6-18	0.01643	±	0.00057	0.1097	±	0.0135	0.0484	±	0.0057	105.1	±	3.7	105.7	±	13.0	120	±	14	0.45
SS6-19	0.02018	±	0.00078	0.9346	±	0.0696	0.3359	±	0.0214	128.8	±	5.0	670.0	±	49.9	3,645	±	232	1.55
SS6-20	0.01985	±	0.00078	3.7177	±	0.2261	1.3584	±	0.0633	126.7	±	5.0	1575.1	±	95.8	4,597	±	214	0.49
SS6-21	0.01542	±	0.00057	0.1036	±	0.0142	0.0488	±	0.0064	98.6	±	3.6	100.1	±	13.7	136	±	18	0.50
SS6-22	0.01580	±	0.00050	0.1072	±	0.0108	0.0492	±	0.0047	101.1	±	3.2	103.4	±	10.4	157	±	15	0.53
SS6-23	0.01322	±	0.00039	0.1534	±	0.0105	0.0842	±	0.0052	84.6	±	2.5	144.9	±	9.9	1,297	±	80	0.49
SS6-24	0.01752	±	0.00068	0.1298	±	0.0185	0.0538	±	0.0074	111.9	±	4.3	123.9	±	17.6	361	±	49	0.43
SS6-25	0.01533	±	0.00043	0.1129	±	0.0136	0.0534	±	0.0062	98.1	±	2.8	108.6	±	13.0	347	±	41	0.56
SS6-26	0.01495	±	0.00057	0.0825	±	0.0166	0.0400	±	0.0079	95.6	±	3.7	80.5	±	16.2	#N/A		#N/A	0.43
SS6-27	0.01667	±	0.00042	0.1268	±	0.0129	0.0552	±	0.0055	106.6	±	2.7	121.2	±	12.4	420	±	42	0.68
SS6-28	0.04215	±	0.00106	0.2654	±	0.0295	0.0457	±	0.0049	266.1	±	6.7	239.0	±	26.6	#N/A		#N/A	0.43
SS6-29	0.01443	±	0.00039	0.1018	±	0.0119	0.0512	±	0.0058	92.4	±	2.5	98.4	±	11.5	249	±	28	0.81
SS6-30	0.04095	±	0.00106	0.2825	±	0.0316	0.0500	±	0.0054	258.7	±	6.7	252.6	±	28.2	197	±	21	0.39
SS6-31	0.01795	±	0.00045	0.1192	±	0.0129	0.0482	±	0.0051	114.7	±	2.9	114.3	±	12.4	108	±	11	0.59
SS6-32	0.01944	±	0.00036	0.1349	±	0.0094	0.0503	±	0.0034	124.1	±	2.3	128.4	±	8.9	210	±	14	0.71
SS6-33	0.01922	±	0.00066	0.1339	±	0.0154	0.0505	±	0.0056	122.7	±	4.2	127.6	±	14.7	221	±	24	0.54
SS6-34	0.01215	±	0.00035	0.0861	±	0.0064	0.0514	±	0.0035	77.8	±	2.3	83.9	±	6.2	260	±	18	1.02
SS6-35	0.27670	±	0.00730	4.2819	±	0.1811	0.1122	±	0.0037	1574.7	±	41.6	1689.8	±	71.5	1,836	±	61	0.27
SS6-36	0.42131	±	0.01106	7.6516	±	0.3114	0.1317	±	0.0041	2266.4	±	59.5	2190.9	±	89.2	2,122	±	66	0.20
SS6-37	0.01601	±	0.00069	0.1540	±	0.0225	0.0698	±	0.0097	102.4	±	4.4	145.5	±	21.2	922	±	129	0.55
SS6-38	0.01388	±	0.00042	0.1086	±	0.0086	0.0568	±	0.0042	88.8	±	2.7	104.7	±	8.3	483	±	35	0.48
SS6-39	0.01578	±	0.00050	0.1076	±	0.0101	0.0495	±	0.0044	100.9	±	3.2	103.8	±	9.8	171	±	15	0.72
SS6-40	0.01880	±	0.00058	0.1301	±	0.0115	0.0502	±	0.0041	120.1	±	3.7	124.2	±	10.9	204	±	17	0.41
SS6-41	0.01067	±	0.00051	0.0940	±	0.0160	0.0639	±	0.0104	68.4	±	3.3	91.2	±	15.5	739	±	121	0.57
SS6-42	0.01796	±	0.00078	0.1174	±	0.0196	0.0474	±	0.0076	114.7	±	5.0	112.7	±	18.8	71	±	11	0.53
SS6-43	0.01675	±	0.00059	0.1216	±	0.0132	0.0526	±	0.0054	107.1	±	3.8	116.5	±	12.6	314	±	32	0.58
SS6-44	0.01392	±	0.00049	0.1038	±	0.0108	0.0541	±	0.0053	89.1	±	3.1	100.3	±	10.4	376	±	37	0.55
SS6-45	0.03533	±	0.00145	0.2424	±	0.0358	0.0498	±	0.0071	223.8	±	9.2	220.4	±	32.5	185	±	26	0.37
SS6-46	0.33642	±	0.00945	5.4805	±	0.2082	0.1182	±	0.0030	1869.4	±	52.5	1897.5	±	72.1	1,929	±	49	0.40
SS6-47	0.01704	±	0.00091	0.1052	±	0.0243	0.0448	±	0.0101	108.9	±	5.8	101.6	±	23.4	#N/A		#N/A	0.78
SS6-48	0.01444	±	0.00051	0.1075	±	0.0114	0.0540	±	0.0054	92.4	±	3.2	103.7	±	11.0	371	±	37	0.67
SS6-49	0.01782	±	0.00058	0.1208	±	0.0117	0.0492	±	0.0045	113.9	±	3.7	115.8	±	11.2	157	±	14	0.50
SS6-50	0.33883	±	0.00925	5.3693	±	0.2157	0.1149	±	0.0034	1881.0	±	51.3	1879.9	±	75.5	1,879	±	55	0.11
SS6-51	0.39217	±	0.01096	6.3747	±	0.2818	0.1179	±	0.0040	2132.9	±	59.6	2028.7	±	89.7	1,925	±	66	1.18
SS6-52	0.04132	±	0.00139	0.3146	±	0.0314	0.0552	±	0.0052	261.0	±	8.8	277.7	±	27.7	421	±	40	0.53
SS6-53	0.44822	±	0.01206	9.5454	±	0.3498	0.1545	±	0.0038	2387.3	±	64.2	2391.8	±	87.6	2,396	±	60	0.35
SS6-54	0.01625	±	0.00061	0.1211	±	0.0154	0.0540	±	0.0066	103.9	±	3.9	116.1	±	14.8	373	±	45	0.84
SS6-55	0.01238	±	0.00050	0.0847	±	0.0124	0.0496	±	0.0070	79.3	±	3.2	82.5	±	12.1	177	±	25	0.68

SS6-56	0.01376	±	0.00048	0.1029	±	0.0110	0.0542	±	0.0055	88.1	±	3.1	99.5	±	10.6	381	±	39	0.73
SS6-57	0.01703	±	0.00085	0.1214	±	0.0253	0.0517	±	0.0105	108.9	±	5.4	116.4	±	24.3	273	±	55	0.38
SS6-58	0.01472	±	0.00056	0.1028	±	0.0145	0.0506	±	0.0069	94.2	±	3.6	99.3	±	14.0	225	±	31	0.49
SS6-59	0.01887	±	0.00068	0.1268	±	0.0166	0.0487	±	0.0061	120.5	±	4.4	121.2	±	15.9	134	±	17	0.54
SS6-60	0.01507	±	0.00077	0.0895	±	0.0212	0.0431	±	0.0100	96.4	±	5.0	87.0	±	20.7	#N/A		#N/A	0.52
SS6-61	0.01426	±	0.00069	0.1093	±	0.0210	0.0556	±	0.0103	91.3	±	4.4	105.3	±	20.2	437	±	81	0.58
SS6-62	0.03872	±	0.00110	0.2779	±	0.0203	0.0521	±	0.0035	244.9	±	7.0	249.0	±	18.2	288	±	19	0.25
SS6-63	0.01372	±	0.00049	0.0858	±	0.0114	0.0453	±	0.0058	87.9	±	3.1	83.5	±	11.1	#N/A		#N/A	0.51
SS6-64	0.05069	±	0.00148	0.3522	±	0.0280	0.0504	±	0.0037	318.7	±	9.3	306.3	±	24.4	214	±	16	0.72
SS6-65	0.01596	±	0.00068	0.0955	±	0.0142	0.0434	±	0.0062	102.0	±	4.3	92.6	±	13.7	#N/A		#N/A	0.50
SS6-66	0.01532	±	0.00070	0.1189	±	0.0186	0.0563	±	0.0084	98.0	±	4.5	114.1	±	17.8	465	±	69	0.47
SS6-67	0.01437	±	0.00084	0.1383	±	0.0304	0.0698	±	0.0148	91.9	±	5.4	131.5	±	28.9	924	±	196	0.59
SS6-68	0.01434	±	0.00067	0.1063	±	0.0177	0.0538	±	0.0086	91.8	±	4.3	102.6	±	17.1	362	±	58	0.49
SS6-69	0.30985	±	0.01032	4.8733	±	0.2176	0.1141	±	0.0034	1740.0	±	57.9	1797.6	±	80.3	1,866	±	55	0.18
SS6-70	0.01805	±	0.00073	0.1256	±	0.0155	0.0505	±	0.0059	115.3	±	4.7	120.1	±	14.8	217	±	25	0.62
SS6-71	0.36670	±	0.01226	6.5623	±	0.2953	0.1298	±	0.0039	2013.8	±	67.3	2054.2	±	92.4	2,096	±	63	0.63
SS6-72	0.01495	±	0.00099	0.1152	±	0.0350	0.0559	±	0.0166	95.7	±	6.3	110.7	±	33.6	449	±	133	0.52
SS6-73	0.01452	±	0.00088	0.0936	±	0.0204	0.0467	±	0.0098	92.9	±	5.6	90.8	±	19.8	36	±	8	0.59
SS6-74	0.01246	±	0.00062	0.0820	±	0.0113	0.0477	±	0.0061	79.8	±	4.0	80.0	±	11.0	86	±	11	1.01
SS6-75	0.01597	±	0.00081	0.1253	±	0.0169	0.0569	±	0.0071	102.2	±	5.2	119.9	±	16.2	488	±	61	0.51
SS6-76	0.01381	±	0.00075	0.0967	±	0.0166	0.0508	±	0.0083	88.4	±	4.8	93.8	±	16.1	232	±	38	0.61
SS6-77	0.03667	±	0.00172	0.2538	±	0.0281	0.0502	±	0.0050	232.1	±	10.9	229.6	±	25.5	205	±	21	0.31
SS6-78	0.36865	±	0.01558	6.3196	±	0.3162	0.1243	±	0.0033	2023.1	±	85.5	2021.1	±	101.1	2,020	±	54	0.46
SS6-79	0.01319	±	0.00066	0.0855	±	0.0118	0.0470	±	0.0061	84.5	±	4.2	83.3	±	11.5	49	±	6	1.04
SS6-80	0.01419	±	0.00109	0.0950	±	0.0300	0.0485	±	0.0149	90.8	±	6.9	92.1	±	29.1	126	±	39	0.73
SS6-81	0.01853	±	0.00113	0.1162	±	0.0210	0.0455	±	0.0078	118.4	±	7.2	111.6	±	20.2	#N/A		#N/A	0.86
SS6-82	0.01296	±	0.00083	0.0729	±	0.0160	0.0408	±	0.0085	83.0	±	5.3	71.5	±	15.6	#N/A		#N/A	0.75
SS6-83	0.01357	±	0.00077	0.0929	±	0.0125	0.0496	±	0.0060	86.9	±	4.9	90.2	±	12.1	178	±	22	0.68
SS6-84	0.01425	±	0.00091	0.0776	±	0.0170	0.0395	±	0.0083	91.2	±	5.8	75.9	±	16.6	#N/A		#N/A	0.61
SS6-85	0.01603	±	0.00087	0.1120	±	0.0122	0.0507	±	0.0048	102.5	±	5.5	107.8	±	11.7	226	±	21	0.70
SS6-86	0.01490	±	0.00078	0.1050	±	0.0095	0.0511	±	0.0038	95.4	±	5.0	101.4	±	9.2	246	±	18	0.44
SS6-87	0.01634	±	0.00098	0.0987	±	0.0172	0.0438	±	0.0072	104.5	±	6.3	95.6	±	16.6	#N/A		#N/A	0.44
SS6-88	0.01611	±	0.00086	0.1014	±	0.0100	0.0456	±	0.0038	103.0	±	5.5	98.0	±	9.7	#N/A		#N/A	0.55
SS6-89	0.06837	±	0.00384	0.5315	±	0.0572	0.0564	±	0.0052	426.3	±	24.0	432.8	±	46.6	468	±	43	0.70
SS6-90	0.01611	±	0.00104	0.1069	±	0.0203	0.0481	±	0.0086	103.0	±	6.7	103.1	±	19.6	107	±	19	0.43
SS6-91	0.01538	±	0.00087	0.1191	±	0.0133	0.0561	±	0.0054	98.4	±	5.6	114.2	±	12.8	458	±	44	1.07
SS6-92	0.03893	±	0.00235	0.2877	±	0.0429	0.0536	±	0.0073	246.2	±	14.9	256.8	±	38.3	355	±	48	0.72
SS6-93	0.01459	±	0.00086	0.1026	±	0.0145	0.0510	±	0.0065	93.4	±	5.5	99.1	±	14.0	240	±	31	0.77
SS6-94	0.01505	±	0.00088	0.0846	±	0.0126	0.0408	±	0.0056	96.3	±	5.6	82.5	±	12.2	#N/A		#N/A	0.41
SS6-95	0.01384	±	0.00082	0.0983	±	0.0141	0.0515	±	0.0067	88.6	±	5.3	95.2	±	13.6	263	±	34	0.71
SS6-96	0.01391	±	0.00089	0.0941	±	0.0174	0.0491	±	0.0085	89.0	±	5.7	91.3	±	16.9	151	±	26	0.44
SS6-97	0.31835	±	0.01120	5.0284	±	0.2201	0.1146	±	0.0030	1781.7	±	62.7	1824.0	±	79.8	1,873	±	49	0.20
SS6-98	0.01538	±	0.00065	0.1034	±	0.0125	0.0488	±	0.0055	98.4	±	4.1	99.9	±	12.1	138	±	16	0.50
SS6-99	0.01337	±	0.00137	0.1262	±	0.0531	0.0685	±	0.0280	85.6	±	8.7	120.6	±	50.8	883	±	361	0.60
SS6-100	0.01473	±	0.00069	0.1032	±	0.0157	0.0508	±	0.0074	94.2	±	4.4	99.7	±	15.2	234	±	34	0.81
SS6-101	0.36404	±	0.01269	6.5377	±	0.2648	0.1302	±	0.0027	2001.3	±	69.7	2050.9	±	83.1	2,102	±	43	0.43
SS6-102	0.01393	±	0.00054	0.0954	±	0.0090	0.0497	±	0.0042	89.2	±	3.5	92.5	±	8.7	180	±	15	0.61
SS6-103	0.01675	±	0.00080	0.0994	±	0.0171	0.0430	±	0.0071	107.1	±	5.1	96.2	±	16.5	#N/A		#N/A	0.90
SS6-104	0.01374	±	0.00064	0.1421	±	0.0183	0.0750	±	0.0090	88.0	±	4.1	134.9	±	17.4	1,069	±	128	0.44
SS6-105	0.01595	±	0.00063	0.1204	±	0.0136	0.0547	±	0.0058	102.0	±	4.1	115.4	±	13.1	401	±	43	0.63
SS6-106	0.01520	±	0.00062	0.1056	±	0.0135	0.0504	±	0.0061	97.2	±	4.0	101.9	±	13.0	214	±	26	0.58
SS6-107	0.01458	±	0.00082	0.0883	±	0.0218	0.0439	±	0.0106	93.3	±	5.3	85.9	±	21.2	#N/A		#N/A	0.38
SS6-108	0.01314	±	0.00047	0.0834	±	0.0074	0.0460	±	0.0038	84.1	±	3.0	81.3	±	7.3	1	±	0	0.62
SS6-109	0.01522	±	0.00065	0.1025	±	0.0143	0.0489	±	0.0065	97.4	±	4.1	99.1	±	13.8	142	±	19	0.41
SS6-110	0.01488	±	0.00066	0.1140	±	0.0165	0.0555	±	0.0076	95.2	±	4.2	109.6	±	15.8	435	±	60	0.68
SS6-111	0.01240	±	0.00054	0.0879	±	0.0129	0.0514	±	0.0072	79.4	±	3.5	85.5	±	12.6	260	±	36	0.47
SS6-112	0.01334	±	0.00062	0.0958	±	0.0156	0.0521	±	0.0082	85.4	±	4.0	92.9	±	15.2	290	±	45	0.83
SS6-113	0.01809	±	0.00087	0.1119	±	0.0163	0.0449	±	0.0062	115.5	±	5.6	107.7	±	15.7	#N/A		#N/A	0.38
SS6-114	0.01221	±	0.00064	0.0795	±	0.0138	0.0472	±	0.0078	78.3	±	4.1	77.7	±	13.5	60	±	10	0.35
SS6-115	0.01338	±	0.00069	0.0800	±	0.0140	0.0434	±	0.0072	85.7	±	4.4	78.1	±	13.6	#N/A		#N/A	0.80
SS6-116	0.01361	±	0.00070	0.0844	±	0.0147	0.0450	±	0.0075	87.2	±	4.5	82.3	±	14.3	#N/A		#N/A	0.43
SS6-117	0.01299	±	0.00101	0.0975	±	0.0307	0.0544	±	0.0166	83.2	±	6.4	94.4	±	29.8	390	±	119	0.65
SS6-118	0.01538	±	0.00068	0.1109	±	0.0115	0.0523	±	0.0049	98.4	±	4.3	106.8	±	11.1	298	±	28	0.33
SS6-119	0.01384	±	0.00061	0.0937	±	0.0099	0.0491	±	0.0047	88.6	±	3.9	91.0	±	9.7	154	±	15	0.35
SS6-120	0.04217	±	0.00182	0.2921	±	0.0282	0.0502	±	0.0043	266.3	±	11.5	260.2	±	25.1	207	±	18	0.65
SS6-121	0.01722	±	0.00086	0.1458	±	0.0260	0.0614	±	0.0105	110.0	±	5.5	138.2	±	24.6	654	±	112	0.47
SS6-122	0.03490	±	0.00113	0.2639	±	0.0157	0.0548	±	0.0027	221.2	±	7.2	237.8	±	14.1	406	±	20	0.63

SS6-123	0.01624	±	0.00085	0.1120	±	0.0238	0.0500	±	0.0103	103.9	±	5.4	107.8	±	22.9	195	±	40	0.64
SS6-124	0.01551	±	0.00076	0.1381	±	0.0234	0.0646	±	0.0105	99.2	±	4.9	131.3	±	22.3	761	±	124	0.84
SS6-125	0.04934	±	0.00222	0.5698	±	0.0730	0.0838	±	0.0100	310.5	±	14.0	457.9	±	58.6	1,288	±	154	0.36
SS6-126	0.12408	±	0.00391	1.1294	±	0.0513	0.0660	±	0.0022	754.0	±	23.8	767.4	±	34.9	807	±	26	0.21
SS6-127	0.01437	±	0.00057	0.0899	±	0.0116	0.0454	±	0.0056	91.9	±	3.6	87.4	±	11.3	#N/A		#N/A	0.50
SS6-128	0.01590	±	0.00061	0.1141	±	0.0128	0.0520	±	0.0055	101.7	±	3.9	109.7	±	12.3	288	±	30	0.57
SS6-129	0.01398	±	0.00058	0.1014	±	0.0168	0.0526	±	0.0084	89.5	±	3.7	98.0	±	16.2	312	±	50	0.92
SS6-130	0.04201	±	0.00136	0.2948	±	0.0327	0.0509	±	0.0054	265.3	±	8.6	262.3	±	29.1	236	±	25	0.59
SS6-131	0.01341	±	0.00057	0.0961	±	0.0164	0.0520	±	0.0086	85.9	±	3.6	93.2	±	15.9	286	±	47	0.50
SS6-132	0.01314	±	0.00051	0.0835	±	0.0132	0.0461	±	0.0070	84.1	±	3.2	81.4	±	12.8	4	±	1	0.89
SS6-133	0.02566	±	0.00082	0.1676	±	0.0188	0.0474	±	0.0051	163.3	±	5.2	157.3	±	17.6	68	±	7	0.66
SS6-134	0.01601	±	0.00044	0.1160	±	0.0092	0.0525	±	0.0039	102.4	±	2.8	111.4	±	8.9	310	±	23	0.42
SS6-135	0.03624	±	0.00164	0.2932	±	0.0516	0.0587	±	0.0100	229.5	±	10.4	261.1	±	45.9	556	±	95	0.59
SS6-136	0.01522	±	0.00071	0.1135	±	0.0217	0.0541	±	0.0100	97.4	±	4.5	109.1	±	20.9	374	±	69	0.69
SS6-137	0.35355	±	0.01415	5.7791	±	0.3003	0.1186	±	0.0039	1951.5	±	78.1	1943.2	±	101.0	1,935	±	64	0.22
SS6-138	0.01429	±	0.00089	0.0897	±	0.0220	0.0456	±	0.0108	91.5	±	5.7	87.3	±	21.4	#N/A		#N/A	0.48
SS6-139	0.04102	±	0.00230	0.3147	±	0.0584	0.0556	±	0.0098	259.2	±	14.6	277.8	±	51.6	438	±	78	0.75
SS6-140	0.03132	±	0.00138	0.2297	±	0.0229	0.0532	±	0.0048	198.8	±	8.7	209.9	±	20.9	337	±	30	0.58
SS6-141	0.01510	±	0.00082	0.1249	±	0.0210	0.0600	±	0.0095	96.6	±	5.2	119.5	±	20.1	604	±	96	0.55
SS6-142	0.32078	±	0.01290	5.3873	±	0.2880	0.1218	±	0.0043	1793.5	±	72.1	1882.8	±	100.6	1,983	±	70	0.11
SS6-143	0.32136	±	0.01285	5.0516	±	0.2625	0.1140	±	0.0038	1796.4	±	71.9	1827.9	±	95.0	1,865	±	62	0.37
SS6-144	0.01769	±	0.00088	0.1054	±	0.0167	0.0432	±	0.0065	113.0	±	5.6	101.8	±	16.2	#N/A		#N/A	0.47
SS6-145	0.01840	±	0.00042	0.1218	±	0.0090	0.0480	±	0.0034	117.5	±	2.7	116.7	±	8.7	100	±	7	0.59
SS6-146	0.01438	±	0.00074	0.0827	±	0.0223	0.0417	±	0.0111	92.1	±	4.7	80.6	±	21.8	#N/A		#N/A	0.36
SS6-147	0.01347	±	0.00045	0.0911	±	0.0128	0.0491	±	0.0067	86.2	±	2.9	88.6	±	12.5	153	±	21	0.94
SS6-148	0.01421	±	0.00060	0.0839	±	0.0172	0.0428	±	0.0086	90.9	±	3.8	81.8	±	16.8	#N/A		#N/A	0.76
SS6-149	0.01473	±	0.00060	0.0963	±	0.0177	0.0474	±	0.0085	94.3	±	3.8	93.3	±	17.2	70	±	13	0.47
SS6-150	0.25958	±	0.00518	3.9879	±	0.1552	0.1114	±	0.0037	1487.7	±	29.7	1631.7	±	63.5	1,823	±	61	0.50
SS6-151	0.03877	±	0.00085	0.2818	±	0.0179	0.0527	±	0.0031	245.2	±	5.4	252.1	±	16.0	318	±	19	0.51
SS6-152	0.01621	±	0.00055	0.0978	±	0.0146	0.0438	±	0.0064	103.6	±	3.5	94.7	±	14.2	#N/A		#N/A	0.45
SS6-153	0.01667	±	0.00066	0.1049	±	0.0154	0.0456	±	0.0065	106.6	±	4.2	101.3	±	14.9	#N/A		#N/A	0.35
SS6-154	0.01452	±	0.00093	0.0717	±	0.0245	0.0358	±	0.0120	92.9	±	6.0	70.3	±	24.0	#N/A		#N/A	0.89
SS6-155	0.01552	±	0.00057	0.1021	±	0.0130	0.0477	±	0.0058	99.3	±	3.7	98.7	±	12.6	86	±	10	0.36
SS6-156	0.04103	±	0.00129	0.2990	±	0.0244	0.0528	±	0.0040	259.2	±	8.1	265.6	±	21.7	323	±	24	0.40
SS6-157	0.01300	±	0.00045	0.0839	±	0.0094	0.0468	±	0.0050	83.3	±	2.9	81.8	±	9.2	39	±	4	0.66
SS6-158	0.01981	±	0.00080	0.1269	±	0.0191	0.0465	±	0.0067	126.5	±	5.1	121.3	±	18.3	22	±	3	0.59
SS6-159	0.01399	±	0.00043	0.0930	±	0.0072	0.0482	±	0.0034	89.5	±	2.7	90.3	±	7.0	111	±	8	0.38
SS6-160	0.04068	±	0.00131	0.2870	±	0.0258	0.0512	±	0.0043	257.1	±	8.3	256.2	±	23.0	249	±	21	0.59

Sample SS7

	Isotopic ratio									Age(Ma)									
No.	$^{206}Pb/^{238}U$			$^{207}Pb/^{235}U$			$^{207}Pb/^{206}Pb$			$^{238}U/^{206}Pb$ (Ma)			$^{235}U/^{207}Pb$ (Ma)			$^{207}Pb/^{206}Pb$(Ma)			Th/U
SS7-1	0.01134	±	0.00048	0.0806	±	0.0137	0.0516	±	0.0085	72.7	±	3.1	78.7	±	13.4	267	±	44	0.85
SS7-2	0.01267	±	0.00044	0.0782	±	0.0108	0.0448	±	0.0060	81.2	±	2.8	76.5	±	10.6	#N/A		#N/A	0.63
SS7-3	0.01251	±	0.00049	0.0728	±	0.0123	0.0422	±	0.0070	80.2	±	3.2	71.3	±	12.1	#N/A		#N/A	0.43
SS7-4	0.01172	±	0.00047	0.0757	±	0.0124	0.0469	±	0.0075	75.1	±	3.0	74.1	±	12.2	43	±	7	0.65
SS7-5	0.01171	±	0.00037	0.0921	±	0.0100	0.0570	±	0.0059	75.0	±	2.4	89.5	±	9.7	494	±	51	0.50
SS7-6	0.01170	±	0.00039	0.0736	±	0.0093	0.0457	±	0.0056	75.0	±	2.5	72.1	±	9.1	#N/A		#N/A	1.02
SS7-7	0.01360	±	0.00031	0.2867	±	0.0103	0.1529	±	0.0043	87.1	±	2.0	255.9	±	9.2	2,379	±	66	0.56
SS7-8	0.01209	±	0.00036	0.0803	±	0.0082	0.0482	±	0.0047	77.5	±	2.3	78.4	±	8.0	108	±	11	0.34
SS7-9	0.01116	±	0.00042	0.0753	±	0.0125	0.0490	±	0.0079	71.5	±	2.7	73.7	±	12.3	146	±	24	0.56
SS7-10	0.01224	±	0.00051	0.1706	±	0.0231	0.1011	±	0.0130	78.5	±	3.3	160.0	±	21.6	1,645	±	211	0.51
SS7-11	0.01135	±	0.00063	0.0840	±	0.0209	0.0537	±	0.0130	72.8	±	4.0	81.9	±	20.3	358	±	87	0.77
SS7-12	0.01135	±	0.00038	0.0712	±	0.0105	0.0455	±	0.0065	72.8	±	2.4	69.8	±	10.3	#N/A		#N/A	0.75
SS7-13	0.01170	±	0.00026	0.0756	±	0.0058	0.0469	±	0.0034	75.0	±	1.7	74.0	±	5.7	42	±	3	0.31
SS7-14	0.01127	±	0.00063	0.0858	±	0.0213	0.0552	±	0.0134	72.3	±	4.0	83.6	±	20.8	422	±	102	0.70
SS7-15	0.01139	±	0.00057	0.0937	±	0.0196	0.0596	±	0.0121	73.0	±	3.6	90.9	±	19.0	590	±	120	0.71
SS7-16	0.01104	±	0.00039	0.0573	±	0.0099	0.0376	±	0.0064	70.8	±	2.5	56.5	±	9.8	#N/A		#N/A	0.82
SS7-17	0.01268	±	0.00020	0.1199	±	0.0055	0.0686	±	0.0030	81.2	±	1.3	115.0	±	5.3	887	±	38	0.85
SS7-18	0.01142	±	0.00025	0.0730	±	0.0068	0.0464	±	0.0042	73.2	±	1.6	71.5	±	6.6	17	±	2	0.49
SS7-19	0.01094	±	0.00041	0.0603	±	0.0115	0.0400	±	0.0075	70.1	±	2.6	59.4	±	11.4	#N/A		#N/A	0.69
SS7-20	0.01177	±	0.00053	0.0830	±	0.0172	0.0511	±	0.0104	75.5	±	3.4	80.9	±	16.8	246	±	50	0.54
SS7-21	0.01187	±	0.00054	0.0678	±	0.0157	0.0414	±	0.0094	76.1	±	3.4	66.6	±	15.4	#N/A		#N/A	0.56
SS7-22	0.01177	±	0.00055	0.0568	±	0.0148	0.0350	±	0.0090	75.4	±	3.5	56.1	±	14.6	#N/A		#N/A	0.57
SS7-23	0.01172	±	0.00040	0.0751	±	0.0118	0.0465	±	0.0071	75.1	±	2.5	73.5	±	11.6	23	±	4	0.50
SS7-24	0.01404	±	0.00056	0.1345	±	0.0213	0.0695	±	0.0107	89.9	±	3.6	128.1	±	20.3	913	±	140	0.46

SS7-25	0.01192	±	0.00026	0.0790	±	0.0064	0.0480	±	0.0037	76.4	±	1.6	77.2	±	6.2	102	±	8	0.34
SS7-26	0.01222	±	0.00045	0.0806	±	0.0136	0.0479	±	0.0079	78.3	±	2.9	78.8	±	13.3	94	±	15	0.55
SS7-27	0.01168	±	0.00042	0.0984	±	0.0142	0.0611	±	0.0085	74.9	±	2.7	95.3	±	13.7	642	±	90	0.53
SS7-28	0.01188	±	0.00051	0.0970	±	0.0175	0.0592	±	0.0103	76.1	±	3.3	94.0	±	16.9	575	±	100	0.67
SS7-29	0.01181	±	0.00046	0.0801	±	0.0140	0.0492	±	0.0084	75.7	±	2.9	78.3	±	13.7	158	±	27	0.79
SS7-30	0.01158	±	0.00070	0.0921	±	0.0247	0.0577	±	0.0151	74.2	±	4.5	89.5	±	24.0	518	±	135	0.58
SS7-31	0.01211	±	0.00044	0.0827	±	0.0135	0.0495	±	0.0079	77.6	±	2.8	80.7	±	13.2	174	±	28	0.61
SS7-32	0.01139	±	0.00021	0.0770	±	0.0046	0.0491	±	0.0028	73.0	±	1.3	75.4	±	4.5	151	±	9	0.49
SS7-33	0.01193	±	0.00025	0.0827	±	0.0056	0.0503	±	0.0032	76.4	±	1.6	80.7	±	5.5	209	±	13	0.42
SS7-34	0.01192	±	0.00024	0.0740	±	0.0047	0.0450	±	0.0027	76.4	±	1.5	72.5	±	4.6	#N/A		#N/A	0.37
SS7-35	0.01138	±	0.00094	0.0456	±	0.0246	0.0291	±	0.0155	72.9	±	6.0	45.3	±	24.4	#N/A		#N/A	0.80
SS7-36	0.01114	±	0.00043	0.0655	±	0.0120	0.0426	±	0.0077	71.4	±	2.8	64.4	±	11.8	#N/A		#N/A	0.51
SS7-37	0.01149	±	0.00055	0.0777	±	0.0170	0.0491	±	0.0105	73.6	±	3.5	76.0	±	16.7	152	±	32	0.53
SS7-38	0.01054	±	0.00042	0.0757	±	0.0131	0.0521	±	0.0087	67.6	±	2.7	74.1	±	12.8	288	±	48	0.74
SS7-39	0.01129	±	0.00024	0.0749	±	0.0053	0.0481	±	0.0033	72.4	±	1.5	73.4	±	5.2	107	±	7	0.43
SS7-40	0.01159	±	0.00027	0.0789	±	0.0067	0.0494	±	0.0040	74.3	±	1.7	77.1	±	6.6	165	±	13	0.41
SS7-41	0.01115	±	0.00042	0.0628	±	0.0111	0.0408	±	0.0070	71.5	±	2.7	61.8	±	10.9	#N/A		#N/A	0.57
SS7-42	0.01136	±	0.00051	0.0973	±	0.0176	0.0621	±	0.0109	72.8	±	3.3	94.2	±	17.1	678	±	119	0.57
SS7-43	0.01042	±	0.00035	0.0544	±	0.0085	0.0379	±	0.0058	66.8	±	2.2	53.8	±	8.4	#N/A		#N/A	1.03
SS7-44	0.01160	±	0.00055	0.1023	±	0.0194	0.0639	±	0.0117	74.4	±	3.5	98.9	±	18.7	740	±	136	0.60
SS7-45	0.01107	±	0.00041	0.0679	±	0.0111	0.0444	±	0.0071	71.0	±	2.6	66.7	±	10.9	#N/A		#N/A	1.01
SS7-46	0.01188	±	0.00031	0.0763	±	0.0076	0.0466	±	0.0045	76.1	±	2.0	74.7	±	7.4	29	±	3	0.59
SS7-47	0.01098	±	0.00024	0.0736	±	0.0054	0.0486	±	0.0034	70.4	±	1.5	72.1	±	5.3	129	±	9	0.40
SS7-48	0.01171	±	0.00043	0.0745	±	0.0122	0.0461	±	0.0074	75.0	±	2.8	73.0	±	11.9	6	±	1	0.98
SS7-49	0.01163	±	0.00028	0.0763	±	0.0046	0.0476	±	0.0027	74.6	±	1.8	74.7	±	4.5	78	±	4	0.37
SS7-50	0.01149	±	0.00041	0.0910	±	0.0120	0.0574	±	0.0073	73.6	±	2.6	88.4	±	11.7	508	±	65	0.70
SS7-51	0.32399	±	0.00707	5.2195	±	0.1678	0.1168	±	0.0028	1809.2	±	39.5	1855.7	±	59.7	1,909	±	45	0.32
SS7-52	0.01080	±	0.00041	0.0798	±	0.0119	0.0536	±	0.0077	69.2	±	2.6	78.0	±	11.6	355	±	51	0.63
SS7-53	0.01170	±	0.00035	0.0847	±	0.0086	0.0525	±	0.0051	75.0	±	2.2	82.6	±	8.4	308	±	30	0.38
SS7-54	0.01104	±	0.00055	0.0902	±	0.0181	0.0593	±	0.0115	70.8	±	3.5	87.7	±	17.6	578	±	112	0.75
SS7-55	0.01126	±	0.00062	0.0771	±	0.0189	0.0497	±	0.0119	72.2	±	4.0	75.5	±	18.5	182	±	43	0.58
SS7-56	0.01072	±	0.00044	0.0762	±	0.0128	0.0515	±	0.0084	68.7	±	2.8	74.5	±	12.6	265	±	43	1.05
SS7-57	0.01058	±	0.00036	0.0756	±	0.0105	0.0518	±	0.0070	67.9	±	2.3	74.0	±	10.2	278	±	37	0.59
SS7-58	0.01082	±	0.00046	0.2528	±	0.0280	0.1694	±	0.0174	69.4	±	2.9	228.8	±	25.4	2,552	±	262	0.52
SS7-59	0.01146	±	0.00041	0.0669	±	0.0108	0.0423	±	0.0066	73.5	±	2.6	65.8	±	10.6	#N/A		#N/A	0.61
SS7-60	0.01168	±	0.00045	0.0849	±	0.0136	0.0528	±	0.0082	74.8	±	2.9	82.8	±	13.2	319	±	49	0.66
SS7-61	0.01151	±	0.00043	0.0712	±	0.0117	0.0448	±	0.0072	73.8	±	2.7	69.8	±	11.5	#N/A		#N/A	0.59
SS7-62	0.01321	±	0.00061	0.2940	±	0.0369	0.1614	±	0.0188	84.6	±	3.9	261.7	±	32.8	2,471	±	288	0.86
SS7-63	0.01149	±	0.00044	0.0864	±	0.0136	0.0546	±	0.0083	73.6	±	2.8	84.2	±	13.2	395	±	60	0.49
SS7-64	0.01065	±	0.00053	0.1021	±	0.0197	0.0695	±	0.0129	68.3	±	3.4	98.7	±	19.0	915	±	170	0.77
SS7-65	0.01098	±	0.00046	0.0747	±	0.0135	0.0494	±	0.0086	70.4	±	2.9	73.2	±	13.2	165	±	29	0.61
SS7-66	0.01103	±	0.00030	0.0725	±	0.0074	0.0477	±	0.0047	70.7	±	1.9	71.0	±	7.3	83	±	8	0.93
SS7-67	0.01114	±	0.00048	0.0707	±	0.0136	0.0460	±	0.0087	71.4	±	3.1	69.3	±	13.4	#N/A		#N/A	0.91
SS7-68	0.01128	±	0.00044	0.0566	±	0.0107	0.0364	±	0.0068	72.3	±	2.8	55.9	±	10.6	#N/A		#N/A	0.93
SS7-69	0.01080	±	0.00045	0.0755	±	0.0135	0.0507	±	0.0088	69.2	±	2.9	73.9	±	13.2	227	±	39	0.67
SS7-70	0.01095	±	0.00045	0.0630	±	0.0121	0.0417	±	0.0078	70.2	±	2.9	62.0	±	11.9	#N/A		#N/A	0.68
SS7-71	0.01079	±	0.00042	0.0741	±	0.0122	0.0498	±	0.0080	69.2	±	2.7	72.6	±	11.9	187	±	30	0.96
SS7-72	0.01162	±	0.00034	0.0843	±	0.0092	0.0526	±	0.0055	74.4	±	2.2	82.2	±	9.0	314	±	33	0.51
SS7-73	0.01143	±	0.00025	0.0803	±	0.0067	0.0509	±	0.0041	73.3	±	1.6	78.4	±	6.5	238	±	19	0.50
SS7-74	0.01092	±	0.00041	0.0882	±	0.0140	0.0586	±	0.0090	70.0	±	2.6	85.8	±	13.6	552	±	85	1.25
SS7-75	0.01101	±	0.00028	0.0767	±	0.0080	0.0505	±	0.0051	70.6	±	1.8	75.0	±	7.8	219	±	22	0.40
SS7-76	0.01082	±	0.00021	0.0994	±	0.0059	0.0666	±	0.0038	69.4	±	1.3	96.2	±	5.8	826	±	47	0.54
SS7-77	0.01130	±	0.00024	0.0717	±	0.0058	0.0460	±	0.0036	72.5	±	1.5	70.3	±	5.7	#N/A		#N/A	0.31
SS7-78	0.01166	±	0.00036	0.0839	±	0.0108	0.0522	±	0.0065	74.7	±	2.3	81.8	±	10.6	293	±	37	0.59
SS7-79	0.01113	±	0.00038	0.0744	±	0.0114	0.0485	±	0.0072	71.3	±	2.4	72.9	±	11.2	125	±	19	0.70
SS7-80	0.02549	±	0.00057	0.1654	±	0.0148	0.0470	±	0.0041	162.3	±	3.6	155.4	±	13.9	52	±	4	1.34
SS7-81	0.01175	±	0.00066	0.0667	±	0.0193	0.0412	±	0.0117	75.3	±	4.2	65.6	±	18.9	#N/A		#N/A	0.51
SS7-82	0.01104	±	0.00038	0.0627	±	0.0100	0.0412	±	0.0064	70.8	±	2.5	61.7	±	9.9	#N/A		#N/A	0.46
SS7-83	0.01088	±	0.00036	0.0719	±	0.0102	0.0479	±	0.0066	69.7	±	2.3	70.5	±	10.0	96	±	13	0.77
SS7-84	0.01119	±	0.00037	0.0825	±	0.0108	0.0534	±	0.0068	71.7	±	2.4	80.4	±	10.6	348	±	44	0.69
SS7-85	0.01086	±	0.00057	0.0897	±	0.0197	0.0599	±	0.0128	69.7	±	3.6	87.2	±	19.1	599	±	128	0.62
SS7-86	0.01111	±	0.00054	0.0965	±	0.0190	0.0630	±	0.0120	71.2	±	3.4	93.5	±	18.4	708	±	135	0.94
SS7-87	0.01030	±	0.00050	0.0733	±	0.0157	0.0517	±	0.0108	66.0	±	3.2	71.9	±	15.4	271	±	57	0.57
SS7-88	0.01083	±	0.00038	0.0692	±	0.0104	0.0464	±	0.0068	69.4	±	2.4	67.9	±	10.2	17	±	2	0.81
SS7-89	0.01518	±	0.00055	0.0911	±	0.0153	0.0436	±	0.0072	97.1	±	3.5	88.6	±	14.9	#N/A		#N/A	0.66
SS7-90	0.01123	±	0.00049	0.0761	±	0.0153	0.0492	±	0.0096	72.0	±	3.2	74.5	±	14.9	156	±	31	1.21
SS7-91	0.01150	±	0.00041	0.0756	±	0.0121	0.0477	±	0.0074	73.7	±	2.6	74.0	±	11.8	84	±	13	0.70

SS7-92	0.01145	±	0.00042	0.0666	±	0.0118	0.0422	±	0.0073	73.4	±	2.7	65.5	±	11.6	#N/A		#N/A		0.60
SS7-93	0.01194	±	0.00035	0.0890	±	0.0106	0.0541	±	0.0062	76.5	±	2.3	86.6	±	10.3	374	±	43		0.57
SS7-94	0.01119	±	0.00026	0.0766	±	0.0070	0.0497	±	0.0044	71.7	±	1.7	75.0	±	6.8	181	±	16		0.50
SS7-95	0.01055	±	0.00046	0.0706	±	0.0142	0.0485	±	0.0095	67.6	±	3.0	69.2	±	13.9	125	±	25		0.73
SS7-96	0.01092	±	0.00041	0.0763	±	0.0127	0.0507	±	0.0082	70.0	±	2.7	74.7	±	12.4	226	±	37		0.61
SS7-97	0.01154	±	0.00072	0.0829	±	0.0230	0.0521	±	0.0141	74.0	±	4.6	80.9	±	22.5	291	±	79		0.88
SS7-98	0.01138	±	0.00028	0.0739	±	0.0060	0.0471	±	0.0036	72.9	±	1.8	72.4	±	5.8	54	±	4		0.42
SS7-99	0.01343	±	0.00037	0.3511	±	0.0215	0.1896	±	0.0104	86.0	±	2.3	305.6	±	18.7	2,740	±	151		0.58
SS7-100	0.01109	±	0.00026	0.0752	±	0.0057	0.0492	±	0.0036	71.1	±	1.7	73.6	±	5.6	156	±	11		0.44
SS7-101	0.01269	±	0.00045	0.1022	±	0.0139	0.0584	±	0.0076	81.3	±	2.9	98.8	±	13.4	546	±	71		0.85
SS7-102	0.01136	±	0.00042	0.0675	±	0.0111	0.0431	±	0.0069	72.8	±	2.7	66.3	±	10.9	#N/A		#N/A		0.84
SS7-103	0.01158	±	0.00042	0.0812	±	0.0121	0.0508	±	0.0074	74.2	±	2.7	79.2	±	11.8	233	±	34		0.48
SS7-104	0.01124	±	0.00044	0.0911	±	0.0141	0.0588	±	0.0088	72.1	±	2.8	88.5	±	13.7	559	±	83		0.74
SS7-105	0.01197	±	0.00046	0.0848	±	0.0142	0.0514	±	0.0084	76.7	±	3.0	82.7	±	13.8	260	±	42		0.66
SS7-106	0.01148	±	0.00035	0.0799	±	0.0100	0.0505	±	0.0062	73.6	±	2.2	78.1	±	9.8	220	±	27		0.59
SS7-107	0.01126	±	0.00046	0.0779	±	0.0142	0.0502	±	0.0089	72.2	±	3.0	76.2	±	13.9	204	±	36		0.68
SS7-108	0.01070	±	0.00028	0.0653	±	0.0072	0.0443	±	0.0047	68.6	±	1.8	64.2	±	7.0	#N/A		#N/A		0.48
SS7-109	0.02657	±	0.00070	0.1948	±	0.0194	0.0532	±	0.0051	169.0	±	4.4	180.7	±	18.0	337	±	32		0.36
SS7-110	0.01190	±	0.00046	0.0738	±	0.0132	0.0450	±	0.0078	76.3	±	2.9	72.3	±	12.9	#N/A		#N/A		0.53
SS7-111	0.01132	±	0.00042	0.0827	±	0.0131	0.0530	±	0.0082	72.6	±	2.7	80.6	±	12.8	328	±	50		0.89
SS7-112	0.01084	±	0.00050	0.0696	±	0.0150	0.0466	±	0.0098	69.5	±	3.2	68.3	±	14.7	27	±	6		1.03
SS7-113	0.01142	±	0.00033	0.0859	±	0.0096	0.0546	±	0.0059	73.2	±	2.1	83.7	±	9.4	395	±	43		0.60
SS7-114	0.01087	±	0.00030	0.0763	±	0.0083	0.0509	±	0.0054	69.7	±	1.9	74.7	±	8.2	238	±	25		0.36
SS7-115	0.01151	±	0.00042	0.0887	±	0.0131	0.0559	±	0.0080	73.8	±	2.7	86.3	±	12.8	449	±	64		0.61
SS7-116	0.01177	±	0.00023	0.0768	±	0.0051	0.0473	±	0.0030	75.4	±	1.5	75.1	±	5.0	66	±	4		0.43
SS7-117	0.01161	±	0.00036	0.0813	±	0.0106	0.0508	±	0.0064	74.4	±	2.3	79.3	±	10.3	230	±	29		0.79
SS7-118	0.01198	±	0.00030	0.0764	±	0.0075	0.0462	±	0.0044	76.8	±	1.9	74.7	±	7.4	10	±	1		0.54
SS7-119	0.01228	±	0.00051	0.0870	±	0.0157	0.0514	±	0.0090	78.7	±	3.3	84.7	±	15.2	259	±	45		0.74
SS7-120	0.01188	±	0.00057	0.0816	±	0.0175	0.0498	±	0.0104	76.1	±	3.6	79.6	±	17.0	186	±	39		0.61
SS7-121	0.01268	±	0.00034	0.0959	±	0.0089	0.0549	±	0.0049	81.2	±	2.1	93.0	±	8.7	407	±	36		1.21
SS7-122	0.01162	±	0.00029	0.0800	±	0.0068	0.0499	±	0.0041	74.5	±	1.8	78.1	±	6.7	191	±	16		0.53
SS7-123	0.01185	±	0.00035	0.0827	±	0.0097	0.0506	±	0.0057	75.9	±	2.3	80.7	±	9.5	223	±	25		1.03
SS7-124	0.01115	±	0.00023	0.0800	±	0.0046	0.0521	±	0.0028	71.5	±	1.5	78.2	±	4.5	289	±	15		0.47
SS7-125	0.01131	±	0.00024	0.0795	±	0.0048	0.0510	±	0.0029	72.5	±	1.5	77.6	±	4.7	240	±	14		0.45
SS7-126	0.01121	±	0.00030	0.0766	±	0.0075	0.0495	±	0.0047	71.9	±	1.9	74.9	±	7.3	174	±	16		0.45
SS7-127	0.01128	±	0.00046	0.0708	±	0.0134	0.0456	±	0.0084	72.3	±	3.0	69.5	±	13.2	#N/A		#N/A		0.58
SS7-128	0.01131	±	0.00026	0.0809	±	0.0059	0.0519	±	0.0036	72.5	±	1.7	79.0	±	5.7	283	±	19		0.54
SS7-129	0.01099	±	0.00025	0.0782	±	0.0058	0.0516	±	0.0037	70.5	±	1.6	76.5	±	5.7	270	±	19		0.47
SS7-130	0.01124	±	0.00047	0.0833	±	0.0146	0.0538	±	0.0091	72.0	±	3.0	81.3	±	14.2	363	±	62		0.63
SS7-131	0.01119	±	0.00025	0.0762	±	0.0055	0.0493	±	0.0034	71.8	±	1.6	74.5	±	5.4	164	±	11		0.39
SS7-132	0.01038	±	0.00022	0.1165	±	0.0057	0.0814	±	0.0036	66.6	±	1.4	111.9	±	5.5	1,232	±	55		1.11
SS7-133	0.01145	±	0.00035	0.0788	±	0.0096	0.0499	±	0.0059	73.4	±	2.3	77.0	±	9.4	191	±	23		0.42
SS7-134	0.01119	±	0.00052	0.0889	±	0.0171	0.0576	±	0.0108	71.8	±	3.3	86.5	±	16.6	515	±	96		1.14
SS7-135	0.01095	±	0.00031	0.0740	±	0.0081	0.0490	±	0.0052	70.2	±	2.0	72.5	±	7.9	149	±	16		0.36
SS7-136	0.01122	±	0.00037	0.0880	±	0.0110	0.0569	±	0.0069	71.9	±	2.3	85.6	±	10.7	487	±	59		0.48
SS7-137	0.01033	±	0.00034	0.0679	±	0.0092	0.0477	±	0.0062	66.3	±	2.2	66.7	±	9.0	85	±	11		1.48
SS7-138	0.01132	±	0.00028	0.0718	±	0.0056	0.0460	±	0.0034	72.6	±	1.8	70.4	±	5.5	#N/A		#N/A		0.35
SS7-139	0.01150	±	0.00063	0.1145	±	0.0246	0.0722	±	0.0150	73.7	±	4.1	110.1	±	23.6	993	±	206		0.91
SS7-140	0.01209	±	0.00039	0.0756	±	0.0098	0.0454	±	0.0057	77.5	±	2.5	74.0	±	9.6	#N/A		#N/A		0.65
SS7-141	0.01122	±	0.00044	0.0785	±	0.0130	0.0508	±	0.0081	71.9	±	2.8	76.8	±	12.7	230	±	37		0.50
SS7-142	0.01170	±	0.00036	0.0781	±	0.0092	0.0484	±	0.0055	75.0	±	2.3	76.3	±	9.0	120	±	14		1.02
SS7-143	0.01068	±	0.00065	0.0705	±	0.0210	0.0478	±	0.0140	68.5	±	4.2	69.2	±	20.7	92	±	27		1.15
SS7-144	0.01181	±	0.00041	0.0722	±	0.0106	0.0444	±	0.0063	75.7	±	2.6	70.8	±	10.4	#N/A		#N/A		0.84
SS7-145	0.01038	±	0.00070	0.0757	±	0.0117	0.0529	±	0.0074	66.5	±	4.5	74.1	±	11.4	326	±	45		0.78
SS7-146	0.01096	±	0.00080	0.0831	±	0.0170	0.0550	±	0.0105	70.3	±	5.2	81.1	±	16.6	413	±	79		0.67
SS7-147	0.01335	±	0.00089	0.4277	±	0.0402	0.2324	±	0.0155	85.5	±	5.7	361.6	±	34.0	3,069	±	205		0.77
SS7-148	0.01041	±	0.00067	0.0634	±	0.0083	0.0442	±	0.0051	66.8	±	4.3	62.4	±	8.2	#N/A		#N/A		0.54
SS7-149	0.01080	±	0.00078	0.0732	±	0.0147	0.0491	±	0.0092	69.3	±	5.0	71.7	±	14.4	154	±	29		0.65
SS7-150	0.01109	±	0.00087	0.0950	±	0.0222	0.0621	±	0.0136	71.1	±	5.6	92.1	±	21.5	678	±	149		0.54
SS7-151	0.01048	±	0.00069	0.0754	±	0.0106	0.0522	±	0.0065	67.2	±	4.4	73.8	±	10.4	293	±	37		1.06
SS7-152	0.01038	±	0.00078	0.0749	±	0.0167	0.0523	±	0.0110	66.6	±	5.0	73.3	±	16.3	299	±	63		0.50
SS7-153	0.01064	±	0.00061	0.0678	±	0.0137	0.0462	±	0.0089	68.2	±	3.9	66.6	±	13.4	10	±	2		0.60
SS7-154	0.01222	±	0.00067	0.0855	±	0.0151	0.0508	±	0.0085	78.3	±	4.3	83.3	±	14.7	230	±	39		0.83
SS7-155	0.01057	±	0.00046	0.0736	±	0.0066	0.0505	±	0.0039	67.8	±	3.0	72.1	±	6.4	219	±	17		0.48
SS7-156	0.01016	±	0.00048	0.0687	±	0.0084	0.0490	±	0.0055	65.2	±	3.1	67.5	±	8.2	150	±	17		0.51
SS7-157	0.01105	±	0.00059	0.0730	±	0.0125	0.0479	±	0.0078	70.8	±	3.8	71.6	±	12.2	97	±	16		0.67
SS7-158	0.01129	±	0.00061	0.0794	±	0.0136	0.0510	±	0.0083	72.4	±	3.9	77.6	±	13.3	242	±	39		0.72

SS7-159	0.01068	±	0.00051	0.0634	±	0.0087	0.0431	±	0.0055	68.5	±	3.3	62.4	±	8.5	#N/A		#N/A	0.40
SS7-160	0.01082	±	0.00065	0.0809	±	0.0170	0.0542	±	0.0109	69.4	±	4.2	79.0	±	16.6	381	±	77	0.58

Sample GRT1

No.	Isotopic ratio									Age(Ma)									Th/U
	$^{206}Pb/^{238}U$			$^{207}Pb/^{235}U$			$^{207}Pb/^{206}Pb$			$^{238}U/^{206}Pb$ (Ma)			$^{235}U/^{207}Pb$ (Ma)			$^{207}Pb/^{206}Pb$(Ma)			
GRT1-1	0.01143	±	0.00077	0.0827	±	0.0238	0.0524	±	0.0147	73.3	±	4.9	80.7	±	23.2	305	±	85	0.94
GRT1-2	0.01120	±	0.00051	0.0795	±	0.0130	0.0515	±	0.0081	71.8	±	3.3	77.7	±	12.7	263	±	41	0.87
GRT1-3	0.08587	±	0.00320	8.6014	±	0.4734	0.7265	±	0.0294	531.1	±	19.8	2296.6	±	126.4	4,597	±	186	0.52
GRT1-4	0.01195	±	0.00048	0.0753	±	0.0105	0.0457	±	0.0061	76.6	±	3.1	73.7	±	10.3	#N/A		#N/A	0.37
GRT1-5	0.01236	±	0.00072	0.0978	±	0.0222	0.0574	±	0.0126	79.2	±	4.6	94.7	±	21.5	507	±	111	0.57
GRT1-6	0.06143	±	0.00240	6.0561	±	0.3599	0.7150	±	0.0320	384.3	±	15.0	1983.9	±	117.9	4,597	±	206	0.52
GRT1-7	0.01138	±	0.00051	0.1026	±	0.0148	0.0654	±	0.0090	72.9	±	3.3	99.1	±	14.3	787	±	108	0.73
GRT1-8	0.01155	±	0.00054	0.0855	±	0.0143	0.0536	±	0.0086	74.1	±	3.5	83.3	±	13.9	356	±	57	0.64
GRT1-9	0.01143	±	0.00048	0.0760	±	0.0138	0.0482	±	0.0085	73.3	±	3.1	74.4	±	13.5	111	±	20	0.66
GRT1-10	0.01273	±	0.00067	0.0941	±	0.0212	0.0536	±	0.0117	81.6	±	4.3	91.3	±	20.6	355	±	78	0.58
GRT1-11	0.01145	±	0.00058	0.0639	±	0.0157	0.0405	±	0.0097	73.4	±	3.7	62.9	±	15.4	#N/A		#N/A	0.57
GRT1-12	0.01159	±	0.00039	0.0845	±	0.0107	0.0529	±	0.0065	74.3	±	2.5	82.4	±	10.4	324	±	40	0.51
GRT1-13	0.01137	±	0.00055	0.0786	±	0.0165	0.0502	±	0.0103	72.9	±	3.5	76.8	±	16.2	203	±	42	0.86
GRT1-14	0.01262	±	0.00049	0.0857	±	0.0140	0.0493	±	0.0078	80.8	±	3.2	83.5	±	13.6	161	±	26	0.79
GRT1-15	0.01120	±	0.00057	0.0528	±	0.0140	0.0342	±	0.0089	71.8	±	3.6	52.2	±	13.8	#N/A		#N/A	0.51
GRT1-16	0.01172	±	0.00049	0.0732	±	0.0136	0.0453	±	0.0082	75.1	±	3.2	71.7	±	13.3	#N/A		#N/A	1.07
GRT1-17	0.04465	±	0.00104	4.0644	±	0.1741	0.6602	±	0.0237	281.6	±	6.6	1647.1	±	70.5	4,597	±	165	0.57
GRT1-18	0.09745	±	0.00852	10.0485	±	1.5968	0.7479	±	0.0992	599.4	±	52.4	2439.2	±	387.6	4,597	±	610	0.94
GRT1-19	0.01167	±	0.00051	0.0761	±	0.0155	0.0473	±	0.0094	74.8	±	3.3	74.5	±	15.2	64	±	13	0.85
GRT1-20	0.01628	±	0.00089	0.4750	±	0.0668	0.2116	±	0.0274	104.1	±	5.7	394.6	±	55.5	2,918	±	378	0.80
GRT1-21	0.01153	±	0.00063	0.0766	±	0.0198	0.0482	±	0.0122	73.9	±	4.0	74.9	±	19.3	108	±	27	1.01
GRT1-22	0.01226	±	0.00049	0.1402	±	0.0202	0.0829	±	0.0115	78.6	±	3.1	133.2	±	19.2	1,269	±	176	0.63
GRT1-23	0.02173	±	0.00071	1.2464	±	0.0827	0.4160	±	0.0241	138.6	±	4.5	821.8	±	54.5	3,969	±	230	1.14
GRT1-24	0.01196	±	0.00060	0.0845	±	0.0193	0.0513	±	0.0114	76.6	±	3.8	82.4	±	18.8	253	±	56	0.54
GRT1-25	0.04550	±	0.00100	3.9014	±	0.1341	0.6218	±	0.0165	286.9	±	6.3	1613.9	±	55.5	4,560	±	121	0.44
GRT1-26	0.01151	±	0.00040	0.0742	±	0.0111	0.0467	±	0.0068	73.8	±	2.6	72.6	±	10.8	35	±	5	0.54
GRT1-27	0.01157	±	0.00030	0.0770	±	0.0075	0.0483	±	0.0045	74.1	±	2.0	75.3	±	7.3	112	±	10	0.44
GRT1-28	0.01242	±	0.00053	0.1065	±	0.0182	0.0622	±	0.0103	79.6	±	3.4	102.7	±	17.5	680	±	112	0.60
GRT1-29	0.01227	±	0.00108	0.2202	±	0.0609	0.1301	±	0.0341	78.6	±	6.9	202.0	±	55.9	2,100	±	551	0.75
GRT1-30	0.01184	±	0.00054	0.0757	±	0.0162	0.0463	±	0.0097	75.9	±	3.5	74.1	±	15.8	16	±	3	0.57
GRT1-31	0.01188	±	0.00034	0.0770	±	0.0088	0.0470	±	0.0052	76.1	±	2.2	75.3	±	8.7	49	±	5	0.29
GRT1-32	0.01339	±	0.00067	0.2243	±	0.0345	0.1215	±	0.0177	85.8	±	4.3	205.5	±	31.6	1,979	±	288	0.80
GRT1-33	0.01235	±	0.00033	0.0826	±	0.0078	0.0485	±	0.0044	79.1	±	2.1	80.6	±	7.6	126	±	11	0.47
GRT1-34	0.01818	±	0.00049	0.7959	±	0.0392	0.3176	±	0.0131	116.1	±	3.1	594.5	±	29.3	3,559	±	147	0.51
GRT1-35	0.01189	±	0.00030	0.0901	±	0.0070	0.0550	±	0.0041	76.2	±	1.9	87.6	±	6.8	413	±	31	0.34
GRT1-36	0.01190	±	0.00037	0.0703	±	0.0090	0.0429	±	0.0053	76.3	±	2.4	69.0	±	8.8	#N/A		#N/A	0.55
GRT1-37	0.01178	±	0.00050	0.0842	±	0.0152	0.0519	±	0.0091	75.5	±	3.2	82.1	±	14.8	280	±	49	0.48
GRT1-38	0.01182	±	0.00041	0.0753	±	0.0109	0.0462	±	0.0065	75.7	±	2.6	73.7	±	10.7	9	±	1	0.33
GRT1-39	0.01190	±	0.00052	0.0833	±	0.0154	0.0508	±	0.0091	76.2	±	3.3	81.3	±	15.0	232	±	42	0.61
GRT1-40	0.01192	±	0.00041	0.0854	±	0.0116	0.0520	±	0.0068	76.4	±	2.6	83.2	±	11.3	285	±	37	0.60
GRT1-41	0.01305	±	0.00066	0.2725	±	0.0400	0.1515	±	0.0209	83.6	±	4.2	244.7	±	35.9	2,363	±	326	0.91
GRT1-42	0.01289	±	0.00051	0.0885	±	0.0158	0.0498	±	0.0087	82.6	±	3.3	86.1	±	15.4	186	±	32	0.37
GRT1-43	0.01278	±	0.00071	0.0849	±	0.0226	0.0482	±	0.0125	81.8	±	4.5	82.7	±	22.0	108	±	28	0.69
GRT1-44	0.01467	±	0.00066	0.3214	±	0.0409	0.1589	±	0.0189	93.9	±	4.2	282.9	±	36.0	2,444	±	291	0.80
GRT1-45	0.01161	±	0.00042	0.1186	±	0.0163	0.0741	±	0.0098	74.4	±	2.7	113.8	±	15.7	1,044	±	139	0.36
GRT1-46	0.01158	±	0.00032	0.0745	±	0.0090	0.0467	±	0.0055	74.2	±	2.0	72.9	±	8.8	32	±	4	0.65
GRT1-47	0.01141	±	0.00041	0.0721	±	0.0120	0.0458	±	0.0074	73.1	±	2.6	70.7	±	11.8	#N/A		#N/A	0.53
GRT1-48	0.01167	±	0.00072	0.1360	±	0.0312	0.0846	±	0.0187	74.8	±	4.6	129.5	±	29.7	1,306	±	289	0.49
GRT1-49	0.01145	±	0.00026	0.0789	±	0.0057	0.0500	±	0.0034	73.4	±	1.7	77.1	±	5.6	195	±	13	0.38
GRT1-50	0.01178	±	0.00046	0.0760	±	0.0130	0.0468	±	0.0078	75.5	±	2.9	74.4	±	12.8	41	±	7	0.80
GRT1-51	0.01202	±	0.00029	0.0788	±	0.0067	0.0476	±	0.0039	77.0	±	1.9	77.0	±	6.6	78	±	6	0.32
GRT1-52	0.01160	±	0.00037	0.0798	±	0.0103	0.0499	±	0.0062	74.3	±	2.4	78.0	±	10.0	192	±	24	0.58
GRT1-53	0.01096	±	0.00059	0.0658	±	0.0172	0.0435	±	0.0111	70.3	±	3.8	64.7	±	16.9	#N/A		#N/A	0.62
GRT1-54	0.02197	±	0.00094	1.1622	±	0.1046	0.3837	±	0.0303	140.1	±	6.0	782.9	±	70.4	3,847	±	304	1.07
GRT1-55	0.01182	±	0.00045	0.0792	±	0.0128	0.0486	±	0.0077	75.8	±	2.9	77.4	±	12.5	128	±	20	0.82
GRT1-56	0.01916	±	0.00039	1.1432	±	0.0447	0.4326	±	0.0144	122.4	±	2.5	774.0	±	30.3	4,027	±	134	0.92
GRT1-57	0.01130	±	0.00045	0.0713	±	0.0118	0.0458	±	0.0073	72.4	±	2.9	69.9	±	11.5	#N/A		#N/A	0.76
GRT1-58	0.01395	±	0.00055	0.1033	±	0.0155	0.0537	±	0.0078	89.3	±	3.5	99.8	±	15.0	359	±	52	0.63
GRT1-59	0.01155	±	0.00034	0.0767	±	0.0068	0.0482	±	0.0040	74.0	±	2.2	75.1	±	6.7	109	±	9	0.42
GRT1-60	0.01149	±	0.00047	0.1199	±	0.0163	0.0757	±	0.0098	73.7	±	3.0	115.0	±	15.7	1,087	±	141	0.63

GRT1-61	0.01168	±	0.00048	0.0763	±	0.0131	0.0473	±	0.0079	74.9	±	3.1	74.6	±	12.8	67	±	11	0.59
GRT1-62	0.01256	±	0.00064	0.1141	±	0.0222	0.0659	±	0.0124	80.5	±	4.1	109.7	±	21.4	802	±	151	0.85
GRT1-63	0.01174	±	0.00063	0.0609	±	0.0167	0.0376	±	0.0101	75.2	±	4.0	60.1	±	16.4	#N/A		#N/A	0.85
GRT1-64	0.01254	±	0.00063	0.0950	±	0.0197	0.0549	±	0.0111	80.3	±	4.0	92.2	±	19.1	410	±	83	0.73
GRT1-65	0.01147	±	0.00037	0.0764	±	0.0059	0.0483	±	0.0034	73.5	±	2.4	74.7	±	5.8	115	±	8	0.35
GRT1-66	0.01213	±	0.00069	0.0844	±	0.0198	0.0505	±	0.0115	77.7	±	4.4	82.3	±	19.3	219	±	50	0.52
GRT1-67	0.01140	±	0.00051	0.0809	±	0.0131	0.0514	±	0.0080	73.1	±	3.3	78.9	±	12.8	260	±	41	0.77
GRT1-68	0.01182	±	0.00066	0.0855	±	0.0193	0.0524	±	0.0115	75.8	±	4.2	83.3	±	18.8	305	±	67	0.49
GRT1-69	1.31605	±	0.03861	153.0826	±	5.8912	0.8436	±	0.0210	5414.1	±	158.8	5114.8	±	196.8	4,597	±	114	0.36
GRT1-70	0.01305	±	0.00074	0.2351	±	0.0366	0.1306	±	0.0190	83.6	±	4.7	214.4	±	33.4	2,107	±	306	0.71
GRT1-71	0.01350	±	0.00071	0.2834	±	0.0378	0.1522	±	0.0187	86.5	±	4.5	253.3	±	33.8	2,372	±	291	1.02
GRT1-72	0.01158	±	0.00058	0.0852	±	0.0162	0.0534	±	0.0098	74.2	±	3.7	83.0	±	15.8	345	±	63	0.55
GRT1-73	0.01597	±	0.00065	0.1164	±	0.0204	0.0529	±	0.0090	102.1	±	4.2	111.8	±	19.6	324	±	55	0.57
GRT1-74	0.01309	±	0.00028	0.2595	±	0.0129	0.1438	±	0.0065	83.8	±	1.8	234.2	±	11.7	2,273	±	102	0.34
GRT1-75	0.01195	±	0.00067	0.0554	±	0.0173	0.0336	±	0.0103	76.6	±	4.3	54.8	±	17.1	#N/A		#N/A	0.62
GRT1-76	0.01197	±	0.00059	0.0722	±	0.0172	0.0437	±	0.0102	76.7	±	3.8	70.8	±	16.9	#N/A		#N/A	1.02
GRT1-77	0.01193	±	0.00025	0.0800	±	0.0056	0.0486	±	0.0032	76.4	±	1.6	78.1	±	5.4	131	±	9	0.35
GRT1-78	0.01197	±	0.00055	0.1062	±	0.0195	0.0643	±	0.0115	76.7	±	3.5	102.4	±	18.8	754	±	134	0.79
GRT1-79	0.01252	±	0.00053	0.0914	±	0.0167	0.0529	±	0.0094	80.2	±	3.4	88.8	±	16.2	327	±	58	0.60
GRT1-80	0.01143	±	0.00032	0.0880	±	0.0093	0.0559	±	0.0057	73.3	±	2.0	85.7	±	9.0	448	±	45	0.47

Sample GRT2

	Isotopic ratio									Age(Ma)									
No.	$^{206}Pb/^{238}U$			$^{207}Pb/^{235}U$			$^{207}Pb/^{206}Pb$			$^{238}U/^{206}Pb$ (Ma)			$^{235}U/^{207}Pb$ (Ma)			$^{207}Pb/^{206}Pb$(Ma)			Th/U
GRT2-1	0.01067	±	0.00062	0.0775	±	0.0183	0.0527	±	0.0121	68.4	±	4.0	75.8	±	17.9	316	±	72	0.80
GRT2-2	0.01101	±	0.00055	0.0782	±	0.0144	0.0515	±	0.0091	70.6	±	3.5	76.5	±	14.0	265	±	47	0.37
GRT2-3	0.01178	±	0.00057	0.0677	±	0.0133	0.0416	±	0.0079	75.5	±	3.7	66.5	±	13.1	#N/A		#N/A	0.47
GRT2-4	0.01208	±	0.00054	0.0934	±	0.0135	0.0561	±	0.0077	77.4	±	3.4	90.7	±	13.1	457	±	63	0.57
GRT2-5	0.01224	±	0.00100	0.2075	±	0.0518	0.1230	±	0.0290	78.4	±	6.4	191.4	±	47.8	2,000	±	472	0.78
GRT2-6	0.01077	±	0.00038	0.0691	±	0.0058	0.0466	±	0.0035	69.1	±	2.5	67.9	±	5.7	27	±	2	0.34
GRT2-7	0.01160	±	0.00086	0.0642	±	0.0257	0.0401	±	0.0158	74.4	±	5.5	63.2	±	25.3	#N/A		#N/A	0.79
GRT2-8	0.01089	±	0.00038	0.0697	±	0.0054	0.0464	±	0.0032	69.8	±	2.5	68.4	±	5.3	19	±	1	0.36
GRT2-9	0.01143	±	0.00044	0.0723	±	0.0069	0.0459	±	0.0040	73.2	±	2.8	70.9	±	6.8	#N/A		#N/A	0.35
GRT2-10	0.01091	±	0.00063	0.0858	±	0.0183	0.0571	±	0.0117	69.9	±	4.1	83.6	±	17.9	494	±	102	0.72
GRT2-11	0.01115	±	0.00042	0.0847	±	0.0072	0.0551	±	0.0042	71.5	±	2.7	82.6	±	7.0	416	±	32	0.40
GRT2-12	0.01172	±	0.00043	0.0758	±	0.0060	0.0469	±	0.0033	75.1	±	2.8	74.2	±	5.9	44	±	3	0.38
GRT2-13	0.01117	±	0.00043	0.0733	±	0.0072	0.0476	±	0.0043	71.6	±	2.8	71.8	±	7.1	79	±	7	0.46
GRT2-14	0.01101	±	0.00052	0.0840	±	0.0128	0.0554	±	0.0081	70.6	±	3.3	81.9	±	12.5	427	±	62	0.89
GRT2-15	0.01134	±	0.00041	0.0771	±	0.0057	0.0493	±	0.0032	72.7	±	2.6	75.4	±	5.5	163	±	10	0.37
GRT2-16	0.01002	±	0.00036	0.1249	±	0.0080	0.0904	±	0.0048	64.3	±	2.3	119.5	±	7.7	1,434	±	76	0.60
GRT2-17	0.01196	±	0.00062	0.0820	±	0.0155	0.0498	±	0.0090	76.6	±	4.0	80.1	±	15.1	184	±	33	0.63
GRT2-18	0.01266	±	0.00067	0.0709	±	0.0152	0.0406	±	0.0084	81.1	±	4.3	69.6	±	14.9	#N/A		#N/A	0.63
GRT2-19	0.01210	±	0.00060	0.0866	±	0.0145	0.0519	±	0.0083	77.5	±	3.9	84.3	±	14.1	282	±	45	0.74
GRT2-20	0.01102	±	0.00044	0.0713	±	0.0057	0.0469	±	0.0032	70.7	±	2.8	69.9	±	5.6	46	±	3	0.46
GRT2-21	0.01132	±	0.00061	0.0675	±	0.0144	0.0432	±	0.0089	72.5	±	3.9	66.3	±	14.2	#N/A		#N/A	0.73
GRT2-22	0.01127	±	0.00044	0.0736	±	0.0057	0.0474	±	0.0032	72.2	±	2.8	72.1	±	5.6	68	±	5	0.37
GRT2-23	0.01095	±	0.00057	0.0791	±	0.0143	0.0524	±	0.0091	70.2	±	3.6	77.3	±	13.9	303	±	52	1.21
GRT2-24	0.01106	±	0.00053	0.0848	±	0.0127	0.0556	±	0.0079	70.9	±	3.4	82.7	±	12.4	438	±	62	1.27
GRT2-25	0.01041	±	0.00056	0.0737	±	0.0135	0.0513	±	0.0090	66.8	±	3.6	72.2	±	13.3	256	±	45	0.67
GRT2-26	0.01108	±	0.00047	0.0815	±	0.0082	0.0533	±	0.0048	71.0	±	3.0	79.5	±	8.0	343	±	31	0.38
GRT2-27	0.01102	±	0.00050	0.0692	±	0.0095	0.0455	±	0.0059	70.6	±	3.2	67.9	±	9.3	#N/A		#N/A	0.33
GRT2-28	0.01136	±	0.00053	0.0969	±	0.0125	0.0618	±	0.0074	72.8	±	3.4	93.9	±	12.1	669	±	81	0.56
GRT2-29	0.01151	±	0.00070	0.0772	±	0.0180	0.0486	±	0.0110	73.8	±	4.5	75.5	±	17.6	129	±	29	0.54
GRT2-30	0.00999	±	0.00068	0.0761	±	0.0200	0.0552	±	0.0140	64.1	±	4.4	74.4	±	19.6	422	±	107	0.87
GRT2-31	0.01065	±	0.00059	0.0784	±	0.0150	0.0534	±	0.0098	68.3	±	3.8	76.7	±	14.6	348	±	64	0.58
GRT2-32	0.01249	±	0.00062	0.2268	±	0.0250	0.1317	±	0.0129	80.0	±	4.0	207.6	±	22.9	2,121	±	208	1.05
GRT2-33	0.01072	±	0.00046	0.0848	±	0.0144	0.0573	±	0.0094	68.7	±	3.0	82.6	±	14.0	505	±	83	0.51
GRT2-34	0.00954	±	0.00026	0.1693	±	0.0089	0.1288	±	0.0058	61.2	±	1.7	158.8	±	8.3	2,082	±	93	0.59
GRT2-35	0.01159	±	0.00043	0.0830	±	0.0113	0.0519	±	0.0068	74.3	±	2.7	80.9	±	11.0	283	±	37	0.57
GRT2-36	0.01099	±	0.00056	0.0968	±	0.0197	0.0639	±	0.0126	70.4	±	3.6	93.8	±	19.1	739	±	146	1.02
GRT2-37	0.33670	±	0.00845	5.2963	±	0.2033	0.1141	±	0.0033	1870.8	±	47.0	1868.2	±	71.7	1,866	±	54	0.17
GRT2-38	0.01435	±	0.00057	0.2653	±	0.0275	0.1341	±	0.0128	91.8	±	3.7	238.9	±	24.8	2,153	±	206	0.39
GRT2-39	0.01111	±	0.00031	0.0765	±	0.0056	0.0499	±	0.0034	71.2	±	2.0	74.8	±	5.5	193	±	13	0.38
GRT2-40	0.01137	±	0.00032	0.0715	±	0.0055	0.0456	±	0.0033	72.9	±	2.0	70.1	±	5.4	#N/A		#N/A	0.37
GRT2-41	0.01120	±	0.00053	0.0724	±	0.0095	0.0469	±	0.0057	71.8	±	3.4	71.0	±	9.3	45	±	5	0.33
GRT2-42	0.01061	±	0.00063	0.0776	±	0.0168	0.0531	±	0.0110	68.0	±	4.1	75.9	±	16.4	333	±	69	0.96

GRT2-43	0.01134	±	0.00048	0.0703	±	0.0058	0.0449	±	0.0032	72.7	±	3.1	68.9	±	5.7	#N/A		#N/A	0.31
GRT2-44	0.01070	±	0.00064	0.0811	±	0.0176	0.0549	±	0.0114	68.6	±	4.1	79.1	±	17.2	409	±	85	0.71
GRT2-45	0.01202	±	0.00077	0.0858	±	0.0216	0.0518	±	0.0126	77.1	±	5.0	83.6	±	21.1	275	±	67	0.64
GRT2-46	0.00843	±	0.00037	0.1424	±	0.0098	0.1225	±	0.0065	54.1	±	2.4	135.2	±	9.3	1,993	±	106	1.18
GRT2-47	0.01116	±	0.00047	0.0839	±	0.0065	0.0545	±	0.0035	71.5	±	3.0	81.8	±	6.3	394	±	26	0.36
GRT2-48	0.01134	±	0.00052	0.0804	±	0.0088	0.0514	±	0.0051	72.7	±	3.3	78.5	±	8.6	260	±	26	0.51
GRT2-49	0.01168	±	0.00057	0.0756	±	0.0074	0.0469	±	0.0040	74.9	±	3.6	74.0	±	7.3	46	±	4	0.37
GRT2-50	0.01077	±	0.00057	0.0817	±	0.0109	0.0550	±	0.0067	69.1	±	3.6	79.7	±	10.6	414	±	51	1.41
GRT2-51	0.01106	±	0.00056	0.0762	±	0.0089	0.0500	±	0.0053	70.9	±	3.6	74.6	±	8.7	196	±	21	0.37
GRT2-52	0.01140	±	0.00055	0.0858	±	0.0076	0.0546	±	0.0041	73.1	±	3.5	83.6	±	7.4	396	±	29	0.40
GRT2-53	0.01011	±	0.00049	0.0756	±	0.0067	0.0542	±	0.0040	64.8	±	3.1	74.0	±	6.5	380	±	28	0.66
GRT2-54	0.01110	±	0.00060	0.0766	±	0.0118	0.0501	±	0.0072	71.2	±	3.9	74.9	±	11.6	198	±	29	0.52
GRT2-55	0.01067	±	0.00051	0.1291	±	0.0102	0.0877	±	0.0055	68.4	±	3.3	123.2	±	9.7	1,377	±	86	0.55
GRT2-56	0.01100	±	0.00053	0.0776	±	0.0072	0.0512	±	0.0040	70.5	±	3.4	75.9	±	7.0	249	±	20	0.33
GRT2-57	0.01154	±	0.00042	0.0717	±	0.0054	0.0450	±	0.0030	74.0	±	2.7	70.3	±	5.3	#N/A		#N/A	0.35
GRT2-58	0.01109	±	0.00041	0.0766	±	0.0063	0.0501	±	0.0037	71.1	±	2.6	74.9	±	6.1	200	±	15	0.44
GRT2-59	0.01090	±	0.00059	0.0732	±	0.0153	0.0487	±	0.0098	69.9	±	3.8	71.8	±	15.0	135	±	27	1.03
GRT2-60	0.00598	±	0.00021	0.1969	±	0.0089	0.2388	±	0.0068	38.4	±	1.3	182.5	±	8.3	3,112	±	89	0.66
GRT2-61	0.01110	±	0.00039	0.1039	±	0.0060	0.0679	±	0.0031	71.2	±	2.5	100.4	±	5.8	866	±	39	0.42
GRT2-62	0.01094	±	0.00040	0.0760	±	0.0061	0.0504	±	0.0036	70.1	±	2.6	74.4	±	5.9	212	±	15	0.39
GRT2-63	0.01156	±	0.00043	0.1918	±	0.0117	0.1203	±	0.0058	74.1	±	2.7	178.2	±	10.8	1,961	±	95	0.38
GRT2-64	0.01104	±	0.00041	0.0934	±	0.0072	0.0613	±	0.0041	70.8	±	2.6	90.6	±	7.0	652	±	44	0.39
GRT2-65	0.01032	±	0.00049	0.0888	±	0.0074	0.0624	±	0.0043	66.2	±	3.1	86.4	±	7.2	688	±	47	0.43
GRT2-66	0.01149	±	0.00055	0.0726	±	0.0066	0.0458	±	0.0036	73.6	±	3.5	71.2	±	6.5	#N/A		#N/A	0.31
GRT2-67	0.01175	±	0.00070	0.0659	±	0.0146	0.0406	±	0.0087	75.3	±	4.5	64.8	±	14.3	#N/A		#N/A	0.47
GRT2-68	0.01169	±	0.00057	0.0835	±	0.0088	0.0518	±	0.0049	74.9	±	3.7	81.4	±	8.6	278	±	26	0.45
GRT2-69	0.00912	±	0.00042	0.1680	±	0.0105	0.1336	±	0.0056	58.5	±	2.7	157.6	±	9.8	2,146	±	89	0.81
GRT2-70	0.01129	±	0.00065	0.0894	±	0.0156	0.0574	±	0.0094	72.4	±	4.2	86.9	±	15.2	509	±	84	0.85
GRT2-71	0.01179	±	0.00055	0.0774	±	0.0061	0.0476	±	0.0030	75.6	±	3.5	75.7	±	5.9	82	±	5	0.42
GRT2-72	0.01137	±	0.00054	0.0850	±	0.0077	0.0542	±	0.0042	72.9	±	3.5	82.9	±	7.5	382	±	30	0.43
GRT2-73	0.01117	±	0.00042	0.0744	±	0.0107	0.0483	±	0.0067	71.6	±	2.7	72.8	±	10.5	114	±	16	1.07
GRT2-74	0.01038	±	0.00031	0.0708	±	0.0066	0.0495	±	0.0044	66.6	±	2.0	69.5	±	6.5	171	±	15	0.53
GRT2-75	0.01126	±	0.00032	0.0844	±	0.0068	0.0543	±	0.0041	72.2	±	2.0	82.2	±	6.6	385	±	29	0.35
GRT2-76	0.01114	±	0.00030	0.0690	±	0.0051	0.0449	±	0.0031	71.4	±	1.9	67.7	±	5.0	#N/A		#N/A	0.35
GRT2-77	0.01081	±	0.00029	0.0715	±	0.0053	0.0480	±	0.0033	69.3	±	1.9	70.1	±	5.2	98	±	7	0.36
GRT2-78	0.01066	±	0.00028	0.1063	±	0.0060	0.0723	±	0.0036	68.4	±	1.8	102.6	±	5.8	995	±	50	0.40
GRT2-79	0.01091	±	0.00030	0.0689	±	0.0052	0.0458	±	0.0032	70.0	±	1.9	67.7	±	5.1	#N/A		#N/A	0.36
GRT2-80	0.01134	±	0.00030	0.0714	±	0.0051	0.0457	±	0.0031	72.7	±	1.9	70.0	±	5.0	#N/A		#N/A	0.43

Sample GRT3

	Isotopic ratio									Age(Ma)									
No.	$^{206}Pb/^{238}U$			$^{207}Pb/^{235}U$			$^{207}Pb/^{206}Pb$			$^{238}U/^{206}Pb$ (Ma)			$^{235}U/^{207}Pb$ (Ma)			$^{207}Pb/^{206}Pb$(Ma)			Th/U
GRT3-1	0.01135	±	0.00054	0.0841	±	0.0141	0.0538	±	0.0086	72.8	±	3.5	82.0	±	13.7	361	±	58	0.46
GRT3-2	0.01094	±	0.00052	0.0677	±	0.0122	0.0449	±	0.0078	70.1	±	3.3	66.5	±	12.0	#N/A		#N/A	0.91
GRT3-3	0.01229	±	0.00074	0.0955	±	0.0221	0.0564	±	0.0126	78.7	±	4.7	92.6	±	21.4	467	±	104	0.45
GRT3-4	0.01200	±	0.00048	0.0800	±	0.0098	0.0484	±	0.0056	76.9	±	3.1	78.2	±	9.5	118	±	14	0.85
GRT3-5	0.01089	±	0.00060	0.0696	±	0.0154	0.0463	±	0.0100	69.8	±	3.8	68.3	±	15.2	16	±	3	0.55
GRT3-6	0.01250	±	0.00044	0.1319	±	0.0099	0.0765	±	0.0051	80.1	±	2.8	125.8	±	9.4	1,109	±	73	0.72
GRT3-7	0.01148	±	0.00058	0.0826	±	0.0154	0.0522	±	0.0093	73.6	±	3.7	80.6	±	15.0	295	±	53	0.40
GRT3-8	0.01177	±	0.00046	0.0978	±	0.0100	0.0603	±	0.0057	75.4	±	2.9	94.7	±	9.6	614	±	58	0.56
GRT3-9	0.01241	±	0.00080	0.0842	±	0.0250	0.0492	±	0.0142	79.5	±	5.2	82.1	±	24.4	159	±	46	0.50
GRT3-10	0.01224	±	0.00064	0.0808	±	0.0181	0.0479	±	0.0104	78.4	±	4.1	78.9	±	17.7	95	±	21	0.45
GRT3-11	0.01233	±	0.00059	0.0709	±	0.0148	0.0417	±	0.0085	79.0	±	3.8	69.5	±	14.6	#N/A		#N/A	0.58
GRT3-12	0.01161	±	0.00066	0.0948	±	0.0213	0.0592	±	0.0129	74.4	±	4.2	91.9	±	20.7	575	±	125	0.47
GRT3-13	0.01131	±	0.00060	0.0791	±	0.0176	0.0508	±	0.0109	72.5	±	3.8	77.3	±	17.2	230	±	50	0.58
GRT3-14	0.01224	±	0.00053	0.1027	±	0.0156	0.0609	±	0.0088	78.4	±	3.4	99.3	±	15.1	635	±	92	0.63
GRT3-15	0.01216	±	0.00061	0.1073	±	0.0196	0.0640	±	0.0113	77.9	±	3.9	103.5	±	18.9	742	±	131	0.65
GRT3-16	0.01208	±	0.00078	0.1000	±	0.0268	0.0600	±	0.0156	77.4	±	5.0	96.8	±	25.9	605	±	157	0.43
GRT3-17	0.01158	±	0.00061	0.0704	±	0.0141	0.0441	±	0.0085	74.2	±	3.9	69.0	±	13.8	#N/A		#N/A	0.45
GRT3-18	0.01110	±	0.00049	0.0746	±	0.0096	0.0487	±	0.0059	71.2	±	3.2	73.0	±	9.4	136	±	16	1.30
GRT3-19	0.01217	±	0.00061	0.0805	±	0.0144	0.0480	±	0.0082	78.0	±	3.9	78.6	±	14.0	98	±	17	0.77
GRT3-20	0.01142	±	0.00050	0.0827	±	0.0096	0.0526	±	0.0057	73.2	±	3.2	80.7	±	9.4	310	±	33	0.87
GRT3-21	0.01219	±	0.00059	0.0851	±	0.0135	0.0506	±	0.0077	78.1	±	3.8	82.9	±	13.2	223	±	34	0.61
GRT3-22	0.01205	±	0.00065	0.0962	±	0.0180	0.0579	±	0.0103	77.2	±	4.2	93.3	±	17.4	526	±	94	0.61
GRT3-23	0.01194	±	0.00067	0.0555	±	0.0148	0.0337	±	0.0088	76.5	±	4.3	54.8	±	14.6	#N/A		#N/A	0.61
GRT3-24	0.01174	±	0.00055	0.0722	±	0.0113	0.0446	±	0.0066	75.2	±	3.5	70.8	±	11.0	#N/A		#N/A	0.57

GRT3-25	0.01203	±	0.00075	0.0992	±	0.0216	0.0598	±	0.0125	77.1	±	4.8	96.0	±	20.9	595	±	124	0.61
GRT3-26	0.01174	±	0.00069	0.0810	±	0.0173	0.0501	±	0.0103	75.2	±	4.4	79.1	±	16.9	198	±	41	0.43
GRT3-27	0.01202	±	0.00066	0.0812	±	0.0157	0.0490	±	0.0091	77.0	±	4.2	79.3	±	15.3	150	±	28	0.53
GRT3-28	0.01186	±	0.00063	0.0868	±	0.0153	0.0531	±	0.0089	76.0	±	4.0	84.6	±	14.9	334	±	56	0.57
GRT3-29	0.01269	±	0.00071	0.0871	±	0.0172	0.0498	±	0.0094	81.3	±	4.5	84.8	±	16.7	185	±	35	0.52
GRT3-30	0.01223	±	0.00082	0.0783	±	0.0213	0.0464	±	0.0123	78.4	±	5.2	76.6	±	20.8	20	±	5	0.53
GRT3-31	0.01077	±	0.00047	0.0787	±	0.0081	0.0530	±	0.0050	69.1	±	3.0	76.9	±	8.0	329	±	31	0.78
GRT3-32	0.01209	±	0.00067	0.0706	±	0.0146	0.0423	±	0.0085	77.5	±	4.3	69.3	±	14.4	#N/A		#N/A	0.47
GRT3-33	0.01185	±	0.00075	0.0745	±	0.0150	0.0456	±	0.0087	75.9	±	4.8	73.0	±	14.7	#N/A		#N/A	0.61
GRT3-34	0.01121	±	0.00074	0.0746	±	0.0165	0.0483	±	0.0102	71.8	±	4.8	73.0	±	16.2	113	±	24	0.53
GRT3-35	0.01163	±	0.00067	0.0759	±	0.0112	0.0474	±	0.0064	74.5	±	4.3	74.3	±	11.0	68	±	9	0.69
GRT3-36	0.01159	±	0.00075	0.0874	±	0.0173	0.0546	±	0.0102	74.3	±	4.8	85.0	±	16.9	398	±	75	0.52
GRT3-37	0.01159	±	0.00082	0.0803	±	0.0206	0.0502	±	0.0124	74.3	±	5.3	78.4	±	20.1	207	±	51	0.51
GRT3-38	0.01170	±	0.00075	0.0888	±	0.0170	0.0550	±	0.0099	75.0	±	4.8	86.3	±	16.6	413	±	75	0.78
GRT3-39	0.01458	±	0.00084	0.1328	±	0.0175	0.0661	±	0.0078	93.3	±	5.4	126.7	±	16.7	810	±	96	0.55
GRT3-40	0.01047	±	0.00066	0.1007	±	0.0166	0.0698	±	0.0106	67.1	±	4.2	97.4	±	16.1	922	±	141	0.58
GRT3-41	0.01179	±	0.00072	0.0926	±	0.0162	0.0570	±	0.0093	75.5	±	4.6	89.9	±	15.7	491	±	80	0.48
GRT3-42	0.01189	±	0.00068	0.1011	±	0.0145	0.0617	±	0.0081	76.2	±	4.4	97.8	±	14.0	663	±	87	0.61
GRT3-43	0.01201	±	0.00072	0.0899	±	0.0154	0.0543	±	0.0087	77.0	±	4.6	87.4	±	15.0	382	±	61	0.50
GRT3-44	0.01155	±	0.00077	0.0722	±	0.0181	0.0453	±	0.0110	74.1	±	5.0	70.8	±	17.8	#N/A		#N/A	0.57
GRT3-45	0.01200	±	0.00077	0.0745	±	0.0170	0.0451	±	0.0099	76.9	±	4.9	73.0	±	16.6	#N/A		#N/A	0.63
GRT3-46	0.01178	±	0.00076	0.0861	±	0.0180	0.0530	±	0.0106	75.5	±	4.8	83.8	±	17.5	329	±	66	0.52
GRT3-47	0.01210	±	0.00079	0.1193	±	0.0225	0.0715	±	0.0127	77.5	±	5.1	114.4	±	21.6	971	±	172	0.54
GRT3-48	0.01199	±	0.00090	0.0977	±	0.0271	0.0591	±	0.0158	76.9	±	5.7	94.7	±	26.3	571	±	153	0.45
GRT3-49	0.01168	±	0.00064	0.0697	±	0.0110	0.0433	±	0.0064	74.9	±	4.1	68.4	±	10.8	#N/A		#N/A	0.62
GRT3-50	0.01227	±	0.00080	0.0876	±	0.0193	0.0518	±	0.0109	78.6	±	5.1	85.3	±	18.8	277	±	58	0.54
GRT3-51	0.01156	±	0.00064	0.0727	±	0.0112	0.0456	±	0.0066	74.1	±	4.1	71.3	±	11.0	#N/A		#N/A	0.96
GRT3-52							3.3161	±	27.2636							4,597	±	####	3.71
GRT3-53	0.01147	±	0.00080	0.0837	±	0.0210	0.0529	±	0.0127	73.5	±	5.1	81.6	±	20.4	327	±	79	0.50
GRT3-54	0.01259	±	0.00076	0.0846	±	0.0164	0.0487	±	0.0090	80.6	±	4.9	82.4	±	16.0	135	±	25	0.48
GRT3-55	0.01116	±	0.00068	0.0750	±	0.0146	0.0488	±	0.0090	71.5	±	4.3	73.5	±	14.3	137	±	25	0.55
GRT3-56	0.01158	±	0.00064	0.0820	±	0.0124	0.0513	±	0.0072	74.2	±	4.1	80.0	±	12.1	256	±	36	1.29
GRT3-57	0.01238	±	0.00057	0.0693	±	0.0148	0.0406	±	0.0084	79.3	±	3.6	68.0	±	14.5	#N/A		#N/A	0.51
GRT3-58	0.01298	±	0.00045	0.0839	±	0.0114	0.0469	±	0.0062	83.2	±	2.9	81.8	±	11.1	42	±	6	0.73
GRT3-59	0.01190	±	0.00055	0.0983	±	0.0178	0.0599	±	0.0105	76.3	±	3.5	95.2	±	17.3	601	±	105	0.47
GRT3-60	0.01203	±	0.00066	0.0813	±	0.0199	0.0490	±	0.0117	77.1	±	4.2	79.4	±	19.4	150	±	36	0.54
GRT3-61	0.01264	±	0.00055	0.0793	±	0.0151	0.0455	±	0.0084	80.9	±	3.5	77.5	±	14.8	#N/A		#N/A	0.68
GRT3-62	0.01172	±	0.00047	0.1366	±	0.0175	0.0845	±	0.0103	75.1	±	3.0	130.0	±	16.6	1,305	±	159	0.71
GRT3-63	0.01190	±	0.00042	0.0892	±	0.0115	0.0544	±	0.0067	76.3	±	2.7	86.8	±	11.2	386	±	48	0.83
GRT3-64	0.01191	±	0.00044	0.0791	±	0.0115	0.0482	±	0.0068	76.4	±	2.8	77.3	±	11.2	107	±	15	0.52
GRT3-65	0.01162	±	0.00060	0.0794	±	0.0121	0.0495	±	0.0071	74.5	±	3.8	77.6	±	11.9	173	±	25	0.57
GRT3-66	0.01159	±	0.00073	0.0950	±	0.0204	0.0595	±	0.0122	74.3	±	4.7	92.2	±	19.8	585	±	120	0.64
GRT3-67	0.01076	±	0.00065	0.0767	±	0.0161	0.0517	±	0.0104	69.0	±	4.1	75.1	±	15.7	273	±	55	0.61
GRT3-68	0.01175	±	0.00063	0.0747	±	0.0130	0.0461	±	0.0076	75.3	±	4.0	73.1	±	12.7	3	±	0	0.51
GRT3-69	0.01256	±	0.00071	0.1201	±	0.0198	0.0694	±	0.0107	80.4	±	4.6	115.1	±	18.9	910	±	141	0.66
GRT3-70	0.01135	±	0.00057	0.0788	±	0.0111	0.0503	±	0.0066	72.8	±	3.7	77.0	±	10.9	210	±	28	0.86
GRT3-71	0.01182	±	0.00065	0.0954	±	0.0161	0.0585	±	0.0093	75.7	±	4.2	92.5	±	15.6	550	±	88	0.60
GRT3-72	0.01126	±	0.00055	0.0800	±	0.0105	0.0516	±	0.0063	72.2	±	3.5	78.2	±	10.2	266	±	32	0.92
GRT3-73	0.01382	±	0.00074	0.3650	±	0.0441	0.1916	±	0.0208	88.5	±	4.7	316.0	±	38.2	2,756	±	299	0.79
GRT3-74	0.01171	±	0.00053	0.1053	±	0.0145	0.0653	±	0.0085	75.0	±	3.4	101.7	±	14.0	783	±	102	1.14
GRT3-75	0.01146	±	0.00059	0.0814	±	0.0158	0.0515	±	0.0097	73.5	±	3.8	79.5	±	15.4	264	±	49	0.62
GRT3-76	0.01355	±	0.00060	0.0844	±	0.0129	0.0452	±	0.0066	86.8	±	3.8	82.3	±	12.5	#N/A		#N/A	0.64
GRT3-77	0.01293	±	0.00055	0.0958	±	0.0123	0.0537	±	0.0065	82.8	±	3.5	92.9	±	12.0	360	±	44	1.11
GRT3-78	0.01189	±	0.00057	0.0868	±	0.0149	0.0530	±	0.0087	76.2	±	3.7	84.5	±	14.5	328	±	54	0.67
GRT3-79	0.01186	±	0.00052	0.0876	±	0.0125	0.0536	±	0.0073	76.0	±	3.4	85.2	±	12.2	354	±	48	0.68
GRT3-80	0.01197	±	0.00060	0.1302	±	0.0199	0.0789	±	0.0114	76.7	±	3.8	124.3	±	19.0	1,170	±	169	0.81