

## Supplementary Material:

### ANALYTICAL METHODS

#### Separation of Samples

Samples were separated at the combined laboratories of Washington State University and the University of Idaho. The samples were first crushed using a jaw crusher and then reduced to a fine- to medium- sand grain size with a disc mill. Samples were then separated using a Gemini table at the University of Idaho to hydraulically remove grains whose densities are less than zircon. A hand magnet and a Barrier Frantz Isodynamic separator were used to remove the majority of magnetic grains from the sample. Four magnetic separations were conducted for each sample on the barrier Frantz. Three separations on the barrier Frantz were conducted at a 10/20 tilt with increasing amps of 0.5, 1.0, and 1.8, and one separation was conducted at a tilt of 5/15 set at 1.8 amps. Further magnetic separations were not conducted due to the potential magnetic susceptibility of zircon populations (Sircombe and Stern, 2002). Once the magnetic grains were reduced the samples were poured into a heavy liquid solution of methylene iodide in order to separate grains with a high specific gravity.

Following mechanical separations and a visual inspection under a microscope a large number of grains were poured onto a glass plate with an adhesive surface. No grain picking was done in attempt to eliminate visual biasing by the author. The detrital zircons were solidified into an epoxy puck and polished, so that half of the grain was removed and the core of the grain was exposed at the surface. The puck was carbon coated and imaged using Cathodoluminescence (CL) imaging on a Scanning Electron Microscope. These CL images served as a guide map for the sample runs on the LA-ICPMS.

#### Detrital Zircon Grain Selection and Number

Samples were run from left to right of the CL image in an attempt to get from edge to edge of the entire sample selection. The analyzed grains represent a broad range with respect to color, shape, and size (Pupin, 1980). Within zoned zircons the widest zones from the CL image were chosen in attempt to get acquire a tight age range. Most laser spots were chosen to get the best age closest to the center of the grain. Using the CL image as a guide, inclusions and fractures were avoided. The number of detrital zircons needed to ensure the measured sample is an accurate representation of the total detrital zircon population is commonly debated among geologists using detrital zircons to determine provenance (Vermeesch, 2004; Dodson et al., 1988). For this study it was determined that between 105 to 120 grains analyzed from each sample provides some statistical confidence that no minor population of U-Pb ages was missed from the sample (Vermeesch, 2004).

#### Laser Ablation- Inductively Coupled Plasma-Mass Spectrometry (LA-ICP-MS)

U-Pb analyses were conducted on a ThermoFinnigan Element2 High Resolution-Inductively Coupled Plasma-Mass Spectrometer (HR-ICP-MS) in the GeoAnalytical Laboratory at Washington State University following procedures described by Chang et al. (2006). The HR-ICP-MS was connected to a Nd-YAG 213 nm laser, set for an 8 second warm up, 16 second delay to take a background measurement, and 46 second dwell on the detrital zircon grain. All samples were set to a laser spot size of 30?m and a frequency of 10 Hz except the Danish River Formation sample, which was set to a laser spot size of 20?m and frequency of 5 Hz due to small grain size. The laser was fired at 72% - 75% power and fluence was kept around 11 J/cm<sup>2</sup>. Two standards (FC-1 and Peixe; Chang et al., 2006) were analyzed every 10 to 15 grains, to correct for machine fluctuations and determine fractionation factors. The HR-ICP-MS was set to measure 300 sweeps of the mass range from 202-238 of Hg, Pf, Th,

and U. Once detrital zircon fractionation factor corrections were made the populations of detrital zircons were checked for discordance and plotted on probability density plots using Isoplot 3.7 (Ludwig, 2008). The data reported are  $206\text{Pb}/238\text{U}$  age for grains younger than Tonian (850-1000 Ma) and  $207\text{Pb}/206\text{Pb}$  ages for Tonian and older ages (Zeck and Whitehouse, 1999). The U-Pb ages reported are from analyses between 90-110% concordant.

#### References:

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Isotopic Ratios	Grain #	Apparent Ages												
		207Pb/235U	±	206Pb/238U	±	207Pb/206Pb	±	207Pb/235U	±	206Pb/238U	±	207Pb/206Pb	±	% Disc
Sample: Kennedy Channel (KC) C-246356														
< 10% discordant														
246356_58		4.5805	0.1688	0.3242	0.0075	0.1025	0.0018	1745.7	30.2	1810.1	36.4	1669.7	32.2	-8.40%
246356_54		5.5588	0.1138	0.3532	0.0067	0.1141	0.0007	1909.7	17.5	1950.1	31.9	1866.4	10.8	-4.50%
246356_71		5.2259	0.2065	0.3396	0.0078	0.1116	0.0021	1856.8	33.1	1884.8	37.2	1826	34.2	-3.20%
246356_1		5.2823	0.1759	0.3406	0.0094	0.1125	0.0014	1866	28	1889.7	44.9	1839.7	21.7	-2.70%
246356_37		5.1809	0.1778	0.3367	0.008	0.1116	0.0017	1849.5	28.8	1870.9	38.6	1825.5	27.6	-2.50%
246356_2		5.4405	0.2082	0.3455	0.0114	0.1142	0.0014	1891.3	32.3	1913.1	54.5	1867.4	22.4	-2.40%
246356_52		5.6293	0.1291	0.3515	0.0075	0.1162	0.0008	1920.6	19.6	1941.9	35.5	1897.9	12.3	-2.30%
246356_33		5.3591	0.1899	0.3425	0.0085	0.1135	0.0018	1878.3	29.9	1898.7	40.9	1856	28.4	-2.30%
246356_75		4.896	0.3621	0.3254	0.0213	0.1091	0.0022	1801.6	60.5	1816.2	102.6	1785	36.8	-1.70%
246356_86		15.8997	0.6116	0.5671	0.0145	0.2033	0.0035	2870.8	36.1	2895.9	59.3	2853.3	27.7	-1.50%
246356_15		5.1912	0.1493	0.3352	0.0074	0.1123	0.0013	1851.2	24.2	1863.3	35.5	1837.6	20.8	-1.40%
246356_60		15.5973	0.7611	0.5605	0.0216	0.2018	0.0038	2852.5	45.5	2868.9	88.7	2841.1	30.1	-1.00%
246356_66		13.6202	0.5508	0.5294	0.0131	0.1866	0.0035	2723.7	37.6	2738.9	54.8	2712.7	30.7	-1.00%
246356_31		15.546	0.6009	0.5593	0.0167	0.2016	0.0031	2849.3	36.2	2863.6	68.9	2839.2	24.5	-0.90%
246356_23		7.7555	0.2506	0.4095	0.0104	0.1374	0.0017	2203.1	28.7	2212.5	47.3	2194.3	21.2	-0.80%
246356_69		13.3897	0.6733	0.5249	0.0199	0.185	0.0036	2707.5	46.4	2720	83.6	2698.5	32	-0.80%
246356_76		4.8447	0.1864	0.3219	0.0069	0.1092	0.002	1792.7	31.9	1799.2	33.5	1785.4	33.8	-0.80%
246356_18		5.1505	0.1728	0.3324	0.0091	0.1124	0.0014	1844.5	28.1	1849.9	43.8	1838.4	22.3	-0.60%
246356_92		4.9266	0.1988	0.324	0.009	0.1103	0.002	1806.8	33.5	1809.4	43.5	1803.9	32.1	-0.30%
246356_8		4.695	0.2719	0.3153	0.0159	0.108	0.0023	1766.3	47.4	1766.7	77.6	1766	37.9	0.00%
246356_80		14.6351	0.5863	0.5403	0.0129	0.1965	0.0037	2791.8	37.4	2784.5	53.8	2797.4	30.7	0.50%
246356_63		10.9146	0.5378	0.4756	0.0187	0.1665	0.0031	2515.9	44.8	2508.2	81.2	2522.3	30.6	0.60%
246356_115		5.0293	0.2101	0.3258	0.0118	0.1119	0.0016	1824.3	34.8	1818.2	57.4	1831.1	26	0.70%
246356_11		9.1701	0.265	0.4385	0.0099	0.1517	0.0016	2355.1	26.1	2344.1	44.4	2364.7	18.4	0.90%
246356_36		5.0857	0.1949	0.3272	0.0092	0.1127	0.0019	1833.7	32	1824.9	44.6	1843.8	30.1	1.00%
246356_90		5.2198	0.1881	0.3317	0.0073	0.1141	0.0019	1855.8	30.3	1846.4	35	1866.5	30.4	1.10%
246356_107		4.9687	0.1905	0.323	0.0115	0.1116	0.0012	1814	31.9	1804.3	56	1825.3	19.3	1.20%
246356_101		5.3739	0.1666	0.3365	0.0096	0.1158	0.0011	1880.7	26.2	1869.9	45.9	1892.8	16.3	1.20%
246356_7		5.6893	0.3302	0.3464	0.0181	0.1191	0.0022	1929.8	48.9	1917.6	86	1942.9	32.4	1.30%
246356_25		4.8302	0.1959	0.3179	0.0109	0.1102	0.0015	1790.2	33.6	1779.3	53.1	1802.8	25.4	1.30%
246356_16		4.8591	0.1392	0.318	0.0069	0.1108	0.0013	1795.2	23.8	1780.2	33.5	1812.8	21.4	1.80%
246356_89		5.1277	0.1827	0.3272	0.0069	0.1137	0.002	1840.7	29.8	1825	33.2	1858.6	30.8	1.80%
246356_13		15.007	0.5062	0.5403	0.0152	0.2015	0.0023	2815.7	31.6	2784.7	63.3	2838	18.7	1.90%
246356_78		4.9105	0.1885	0.3194	0.0065	0.1115	0.0022	1804.1	31.9	1787	31.8	1824.1	34.8	2.00%
246356_67		4.7693	0.1995	0.3144	0.0082	0.11	0.0021	1779.5	34.5	1762.2	40.3	1800.2	34.9	2.10%
246356_27		14.976	0.4725	0.5385	0.0133	0.2017	0.0024	2813.7	29.6	2777	55.5	2840.1	19.2	2.20%
246356_85		13.1534	0.4528	0.5098	0.01	0.1871	0.0031	2690.7	32	2655.6	42.6	2717.2	27.1	2.30%
246356_6		10.6375	0.5334	0.4643	0.0213	0.1662	0.0022	2492	45.5	2458.5	93.1	2519.5	22.5	2.40%
246356_70		4.8509	0.1895	0.3166	0.007	0.1111	0.0021	1793.8	32.4	1773.2	34.1	1818	34.2	2.50%
246356_120		4.9994	0.234	0.3214	0.0135	0.1128	0.0017	1819.2	38.8	1796.8	65.4	1844.9	26.8	2.60%
246356_118		5.3199	0.2066	0.3317	0.0112	0.1163	0.0015	1872.1	32.7	1846.4	54	1900.6	23.1	2.90%
246356_110		4.7664	0.1515	0.313	0.0091	0.1105	0.0011	1779	26.3	1755.3	44.3	1807	17.7	2.90%
246356_44		14.8809	0.6054	0.5338	0.0175	0.2022	0.003	2807.7	38	2757.4	73.3	2844	24.4	3.00%

246356_104	14.8856	0.4863	0.5325	0.0162	0.2028	0.0017	2808	30.6	2751.9	67.9	2848.6	13.9	3.40%
246356_95	14.8276	0.5175	0.5309	0.0109	0.2025	0.0033	2804.2	32.7	2745.5	45.8	2846.8	26.7	3.60%
246356_29	13.0373	0.4285	0.5031	0.0132	0.1879	0.0023	2682.4	30.5	2627.1	56.4	2724.3	19.7	3.60%
246356_68	5.0599	0.1979	0.3217	0.0071	0.1141	0.0022	1829.4	32.6	1798.1	34.6	1865.5	34.1	3.60%
246356_42	13.0651	0.3932	0.5025	0.0097	0.1886	0.0026	2684.4	28	2624.6	41.7	2729.8	22.7	3.90%
246356_112	14.5113	0.4922	0.5244	0.0151	0.2007	0.0023	2783.7	31.7	2717.9	63.7	2831.7	18.4	4.00%
246356_38	9.5489	0.2959	0.4369	0.0082	0.1585	0.0024	2392.3	28.1	2336.9	36.6	2439.7	25.7	4.20%
246356_108	5.0384	0.1519	0.3198	0.0087	0.1143	0.0011	1825.8	25.2	1788.7	42.4	1868.5	16.9	4.30%
246356_12	13.4094	0.3921	0.5058	0.0115	0.1923	0.0022	2708.9	27.3	2638.8	48.9	2761.7	18.6	4.50%
246356_47	5.6882	0.175	0.3397	0.0068	0.1215	0.0017	1929.6	26.2	1885	32.7	1977.9	25.3	4.70%
246356_109	13.0194	0.4052	0.4985	0.0143	0.1894	0.0017	2681.1	28.9	2607.4	61.2	2737.2	14.4	4.70%
246356_83	4.9817	0.186	0.3168	0.0073	0.1141	0.002	1816.2	31.1	1774	35.7	1865	31.7	4.90%
246356_81	5.1757	0.1813	0.3231	0.0067	0.1162	0.0019	1848.6	29.4	1805	32.5	1898.1	29.5	4.90%
246356_65	13.2009	0.4852	0.5009	0.012	0.1912	0.0032	2694.1	34.1	2617.5	51.3	2752.4	27.1	4.90%
246356_98	5.29	0.1475	0.3266	0.0083	0.1175	0.001	1867.3	23.5	1821.8	40	1918.4	14.7	5.00%
246356_99	12.2611	0.3995	0.4844	0.0141	0.1836	0.002	2624.6	30.1	2546.4	61	2685.6	18.2	5.20%
246356_103	4.8302	0.1414	0.3111	0.0084	0.1126	0.0009	1790.2	24.3	1746	41	1842.2	14.8	5.20%
246356_119	10.0736	0.3412	0.4443	0.0127	0.1644	0.0019	2441.6	30.8	2370	56.5	2501.6	19.5	5.30%
246356_24	13.2455	0.4755	0.4994	0.0148	0.1924	0.0024	2697.3	33.3	2611.3	63.2	2762.4	20.7	5.50%
246356_105	13.3344	0.3737	0.5007	0.0129	0.1932	0.0015	2703.6	26.1	2616.9	55.2	2769.2	12.4	5.50%
246356_40	13.5965	0.4143	0.5048	0.01	0.1954	0.0028	2722	28.4	2634.2	42.5	2787.9	23	5.50%
246356_41	8.0213	0.2881	0.3993	0.0107	0.1457	0.0022	2233.4	31.9	2165.6	49.1	2296.3	25.5	5.70%
246356_3	5.1501	0.1486	0.3205	0.0073	0.1166	0.0013	1844.4	24.2	1792.1	35.7	1904	19.2	5.90%
246356_91	15.9371	0.5924	0.5367	0.0129	0.2154	0.0036	2873	34.9	2769.6	53.7	2946.4	26.9	6.00%
246356_28	4.5323	0.1527	0.2991	0.0081	0.1099	0.0013	1736.9	27.7	1686.9	40.2	1797.7	22	6.20%
246356_77	12.077	0.4609	0.477	0.01	0.1837	0.0034	2610.4	35.2	2514.2	43.4	2686.2	30.7	6.40%
246356_106	4.9752	0.1532	0.3133	0.0088	0.1152	0.0011	1815.1	25.7	1756.8	42.9	1882.9	16.9	6.70%
246356_26	4.9114	0.2095	0.3105	0.011	0.1147	0.0019	1804.2	35.4	1743.3	53.8	1875.3	29	7.00%
246356_5	14.626	0.4439	0.5136	0.0128	0.2066	0.0022	2791.2	28.4	2671.9	54.1	2878.7	17.2	7.20%
246356_114	5.1292	0.1704	0.3158	0.0088	0.1178	0.0014	1841	27.8	1769.3	42.8	1922.9	21	8.00%
246356_93	13.9371	0.5162	0.4973	0.0118	0.2032	0.0034	2745.4	34.5	2602.3	50.6	2852.5	27.1	8.80%
246356_117	4.7005	0.1669	0.3002	0.0089	0.1136	0.0015	1767.3	29.3	1692.2	44.1	1857.2	23.3	8.90%
246356_82	13.9605	0.5355	0.4947	0.0127	0.2047	0.0035	2747	35.7	2591.1	54.4	2863.8	27.3	9.50%
246356_59	11.7936	0.4162	0.4602	0.01	0.1859	0.0031	2588.2	32.5	2440.5	43.9	2706.1	27.3	9.80%
246356_39	5.788	0.18	0.3366	0.0064	0.1247	0.0019	1944.6	26.6	1870.1	30.8	2039.3	26.4	8.30%
246356_50	4.8106	0.2387	0.3079	0.0134	0.1133	0.0017	1786.8	40.9	1730.2	65.8	1840.1	25.6	6.00%
> 10% discordant													
246356_56	1.9157	0.0733	0.2001	0.0062	0.0695	0.0013	1086.6	25.2	1175.7	33.2	912.3	37.2	-28.90%
246356_43	11.3846	0.3561	0.4417	0.0094	0.1869	0.0026	2555.2	28.8	2358.2	41.8	2715.5	22.7	13.20%
246356_62	4.8083	0.1681	0.2949	0.0062	0.1183	0.002	1786.3	29	1666	30.5	1930.2	30	13.70%
246356_61	11.8607	0.4824	0.4406	0.013	0.1953	0.0033	2593.5	37.4	2353.4	57.9	2786.9	27.1	15.60%
246356_45	9.3653	0.2946	0.3977	0.0084	0.1708	0.0025	2374.4	28.5	2158.5	38.4	2565.5	23.8	15.90%
246356_49	4.3772	0.1454	0.2768	0.0064	0.1147	0.0017	1708	27.1	1575.2	32	1875.1	26.9	16.00%
246356_51	4.2367	0.1906	0.2711	0.0103	0.1134	0.0022	1681.2	36.3	1546.5	51.9	1853.9	35.1	16.60%
246356_88	6.8744	0.2451	0.3441	0.0074	0.1449	0.0024	2095.4	31.1	1906.6	35.4	2286.3	28.6	16.60%
246356_116	8.1739	0.5013	0.3717	0.0214	0.1595	0.0025	2250.5	54	2037.2	100	2450.4	26.2	16.90%
246356_102	4.6422	0.1382	0.2832	0.0076	0.1189	0.0011	1756.9	24.6	1607.3	37.9	1939.8	17.1	17.10%

246356_30	4.6161	0.1476	0.2787	0.0069	0.1201	0.0015	1752.2	26.3	1584.8	34.6	1958.1	22.4	19.10%
246356_84	6.5048	0.2376	0.325	0.0074	0.1452	0.0025	2046.6	31.6	1814	36	2289.9	28.7	20.80%
246356_73	9.9829	0.3974	0.3915	0.0093	0.185	0.0035	2433.2	36.1	2129.6	42.8	2698.1	30.7	21.10%
246356_48	8.4923	0.4316	0.3617	0.0157	0.1703	0.003	2285.1	45.1	1990.4	73.8	2560.4	29.6	22.30%
246356_19	4.1743	0.1276	0.2572	0.0062	0.1177	0.0014	1669	24.7	1475.4	31.6	1921.9	21.1	23.20%
246356_79	3.3828	0.142	0.2197	0.006	0.1117	0.0021	1500.4	32.4	1280.4	31.5	1826.9	33.4	29.90%
246356_55	9.7989	0.2487	0.3484	0.0073	0.204	0.0023	2416.1	23.1	1926.8	35	2858.8	18.6	32.60%
246356_4	6.8528	0.2211	0.2945	0.0069	0.1688	0.0026	2092.6	28.2	1663.7	34.4	2545.7	25.4	34.60%
246356_64	5.7971	0.207	0.268	0.006	0.1569	0.0026	1946	30.5	1530.8	30.2	2422.3	28.2	36.80%
246356_32a	2.4606	0.08	0.1594	0.0035	0.112	0.0016	1260.5	23.2	953.2	19.3	1831.9	26.4	48.00%
246356_87	5.8304	0.3227	0.2125	0.0101	0.199	0.0034	1950.9	46.9	1242	53.4	2818.2	27.4	55.90%
246356_9	4.664	0.1998	0.1769	0.0067	0.1912	0.0025	1760.8	35.2	1050.1	36.7	2752.6	21.3	61.90%
246356_111	2.188	0.0978	0.1262	0.0051	0.1257	0.0017	1177.2	30.7	766.3	28.9	2039	24	62.40%
246356_96	3.3452	0.1169	0.1441	0.0048	0.1684	0.0014	1491.7	26.9	867.8	26.9	2541.6	13.4	65.90%
246356_72	2.8811	0.1118	0.1188	0.0026	0.1759	0.0033	1377	28.8	723.7	14.9	2614.6	31.1	72.30%
246356_100	2.1407	0.0874	0.1036	0.004	0.1498	0.0016	1162.1	27.9	635.6	23.3	2344.1	18.3	72.90%
246356_34	1.8611	0.0876	0.0969	0.0037	0.1392	0.0025	1067.4	30.6	596.5	21.9	2217.7	31	73.10%
246356_22	1.8624	0.0812	0.0849	0.0033	0.1591	0.0021	1067.8	28.4	525.4	19.3	2445.7	22.4	78.50%
246356_57	2.3758	0.1854	0.0793	0.0057	0.2174	0.0039	1235.4	54.3	491.7	34	2961.9	28.3	83.40%
246356_10	2.4208	0.2462	0.078	0.0078	0.225	0.0026	1248.8	70.6	484.4	46.5	3016.6	18.6	83.90%
246356_35	1.2099	0.1166	0.0512	0.0048	0.1715	0.0027	805.2	52.2	321.7	29.3	2572.1	25.8	87.50%
246356_14	4.6373	0.1195	0.2958	0.0054	0.1137	0.0013	1756	21.3	1670.4	26.8	1859.4	20	10.20%
246356_21	5.5748	0.1859	0.3239	0.0084	0.1248	0.0017	1912.2	28.3	1808.9	40.8	2026.2	23.3	10.70%
246356_97	11.7568	0.3664	0.4538	0.0131	0.1879	0.0016	2585.2	28.7	2412.1	57.9	2723.9	13.7	11.40%
246356_113	4.6226	0.1615	0.295	0.0087	0.1136	0.0014	1753.4	28.8	1666.4	43.3	1859.7	20.6	10.40%
246356_53	4.2477	0.1111	0.2797	0.0067	0.1102	0.0009	1683.3	21.3	1589.8	33.5	1802.2	15.5	11.80%
246356_17	12.1545	0.3468	0.4585	0.0101	0.1923	0.0021	2616.4	26.4	2432.9	44.7	2761.7	17.9	11.90%

## Isotopic Ratios

Grain #	207Pb/235U	±	206Pb/238U	±	207Pb/206Pb	±	207Pb/235U	±	206Pb/238U	±	207Pb/206Pb	±	% Disc
	(Ma)	(Ma)	(Ma)	(Ma)	(Ma)	(Ma)	(Ma)	(Ma)	(Ma)	(Ma)	(Ma)	(Ma)	
<b>Sample: Archer Fiord (AF) C-412024</b>													
< 10% discordant													
412024_42	5.916	0.1735	0.3736	0.0096	0.1148	0.0011	1963.6	25.2	2046.5	44.7	1877.4	16.6	-9.00%
412024_55	5.8159	0.2392	0.3672	0.0145	0.1149	0.0011	1948.8	35	2016.3	67.9	1877.9	17	-7.40%
412024_93	6.9141	0.131	0.3961	0.0055	0.1266	0.001	2100.5	16.7	2151.2	25.3	2051.1	14.5	-4.90%
412024_3	5.8906	0.1361	0.364	0.0063	0.1174	0.0011	1959.9	19.9	2001.2	29.8	1916.5	17.1	-4.40%
412024_4	5.4802	0.1272	0.3493	0.0061	0.1138	0.0011	1897.5	19.7	1931.2	29	1860.8	17.4	-3.80%
412024_91	5.2167	0.0964	0.3397	0.0045	0.1114	0.0009	1855.4	15.6	1885.2	21.9	1822	14.6	-3.50%
412024_19	5.6848	0.1224	0.3547	0.005	0.1162	0.0012	1929.1	18.4	1957.2	23.8	1899	18.3	-3.10%
412024_8	5.2898	0.1198	0.3414	0.0057	0.1124	0.0011	1867.2	19.2	1893.3	27.5	1838.4	17.2	-3.00%
412024_24	5.4361	0.1143	0.3454	0.0046	0.1141	0.0012	1890.6	17.9	1912.8	21.9	1866.3	18.6	-2.50%
412024_2	14.2384	0.3414	0.545	0.0101	0.1895	0.0018	2765.7	22.5	2804.5	41.9	2737.6	15.8	-2.40%
412024_20	5.4897	0.1263	0.3465	0.0055	0.1149	0.0012	1899	19.6	1917.9	26.5	1878.3	18.9	-2.10%
412024_14	5.5471	0.1226	0.3484	0.0056	0.1155	0.0011	1907.9	18.8	1927	26.8	1887.3	16.9	-2.10%
412024_95	13.3087	0.3139	0.5281	0.0098	0.1828	0.0018	2701.8	22	2733.3	41.3	2678.3	16.4	-2.10%
412024_81	8.7146	0.1494	0.4354	0.004	0.1452	0.0013	2308.6	15.5	2330	17.8	2289.8	15.7	-1.80%
412024_1	14.3556	0.5168	0.5434	0.017	0.1916	0.0024	2773.5	33.6	2797.8	70.8	2755.9	20.1	-1.50%

412024_74		5.2777	0.1081	0.3382	0.0059	0.1132	0.0008	1865.3	17.3	1878.1	28.5	1851.1	12.4	-1.50%
412024_53		5.5022	0.0702	0.3453	0.0034	0.1156	0.0006	1900.9	10.9	1912	16.4	1889	9.6	-1.20%
412024_17		5.2413	0.1125	0.3364	0.0047	0.113	0.0012	1859.4	18.1	1869.2	22.6	1848.3	18.6	-1.10%
412024_52		13.5496	0.174	0.5282	0.0053	0.1861	0.001	2718.8	12.1	2733.7	22.2	2707.8	8.9	-1.00%
412024_92		5.1177	0.0936	0.3316	0.0044	0.1119	0.0009	1839	15.4	1846.2	21.2	1831	14.3	-0.80%
412024_94		4.9516	0.0948	0.3258	0.0045	0.1102	0.0009	1811.1	16	1817.9	22	1803.3	15.5	-0.80%
412024_50		5.2972	0.0667	0.3377	0.0033	0.1138	0.0006	1868.4	10.7	1875.6	15.7	1860.6	9.8	-0.80%
412024_56		4.9864	0.0638	0.3266	0.0032	0.1108	0.0006	1817	10.8	1821.6	15.5	1811.8	10.2	-0.50%
412024_32		17.0668	0.4727	0.5792	0.0134	0.2137	0.0022	2938.6	26.2	2945.6	54.4	2933.9	16.7	-0.40%
412024_9		8.6269	0.1978	0.4297	0.0073	0.1456	0.0014	2299.4	20.6	2304.2	33	2295.1	16.6	-0.40%
412024_21		13.5175	0.3121	0.5253	0.0085	0.1866	0.002	2716.5	21.6	2721.6	35.6	2712.7	17.4	-0.30%
412024_65		4.8414	0.0993	0.3208	0.0056	0.1095	0.0008	1792.1	17.1	1793.4	27.4	1790.7	12.6	-0.20%
412024_18		9.7396	0.2107	0.4538	0.0064	0.1557	0.0016	2410.5	19.7	2411.9	28.4	2409.2	17.6	-0.10%
412024_54		5.2385	0.0679	0.3341	0.0033	0.1137	0.0006	1858.9	11	1858.2	16.1	1859.8	10.1	0.10%
412024_73		5.1368	0.107	0.3305	0.0059	0.1127	0.0008	1842.2	17.6	1840.8	28.4	1843.9	13	0.20%
412024_46		5.7579	0.0745	0.3508	0.0035	0.119	0.0007	1940.1	11.1	1938.5	16.8	1941.9	9.8	0.20%
412024_78		5.5832	0.0949	0.3452	0.003	0.1173	0.0011	1913.5	14.5	1911.8	14.6	1915.5	16.4	0.20%
412024_34		7.7658	0.1447	0.4071	0.0051	0.1384	0.0012	2204.3	16.6	2201.7	23.3	2206.8	15.3	0.20%
412024_10		4.7629	0.1054	0.3173	0.0051	0.1089	0.001	1778.4	18.4	1776.5	25	1780.6	17.3	0.20%
412024_15		6.484	0.1482	0.3724	0.0061	0.1263	0.0013	2043.7	19.9	2040.9	28.8	2046.6	18.2	0.30%
412024_77		5.3055	0.0944	0.3358	0.0033	0.1146	0.0011	1869.8	15.1	1866.3	16.1	1873.7	16.9	0.40%
412024_96		5.1335	0.0955	0.33	0.0045	0.1128	0.0009	1841.7	15.7	1838.2	21.7	1845.6	14.5	0.40%
412024_61		5.4769	0.1104	0.3413	0.0059	0.1164	0.0008	1897	17.2	1893.1	28.1	1901.4	12.4	0.40%
412024_35		13.2247	0.2427	0.5176	0.0064	0.1853	0.0016	2695.8	17.2	2689	27.1	2701.1	14.1	0.40%
412024_28		14.392	0.3116	0.5363	0.0077	0.1946	0.002	2775.9	20.3	2767.8	32.1	2781.8	16.7	0.50%
412024_43		5.0953	0.0956	0.3284	0.0042	0.1125	0.001	1835.3	15.8	1830.5	20.3	1841	15.9	0.60%
412024_71		11.7627	0.3524	0.4915	0.0137	0.1736	0.0012	2585.7	27.7	2577.1	59.1	2592.5	11.8	0.60%
412024_62		5.4856	0.1092	0.3413	0.0057	0.1166	0.0008	1898.4	17	1892.8	27.6	1904.5	12.4	0.60%
412024_51		5.1221	0.0655	0.329	0.0032	0.1129	0.0006	1839.8	10.8	1833.8	15.5	1846.7	10.2	0.70%
412024_103		5.1686	0.0981	0.3305	0.0046	0.1134	0.0009	1847.5	16	1841	22.5	1854.8	14.6	0.70%
412024_76		4.9976	0.0873	0.3245	0.0031	0.1117	0.001	1818.9	14.7	1811.9	14.9	1827.1	16.9	0.80%
412024_60		5.3277	0.0666	0.3356	0.0032	0.1151	0.0006	1873.3	10.6	1865.5	15.4	1882.1	9.7	0.90%
412024_13		12.9299	0.2962	0.5109	0.0087	0.1835	0.0018	2674.6	21.4	2660.6	37.1	2685.2	15.9	0.90%
412024_30		5.1164	0.1107	0.3284	0.0046	0.113	0.0012	1838.8	18.2	1830.4	22.4	1848.4	18.8	1.00%
412024_59		7.625	0.0962	0.4017	0.0039	0.1377	0.0008	2187.8	11.3	2176.7	17.7	2198.3	9.6	1.00%
412024_57		5.1073	0.067	0.3279	0.0034	0.113	0.0006	1837.3	11.1	1828	16.3	1847.9	10	1.10%
412024_16		5.3456	0.1139	0.3357	0.0046	0.1155	0.0012	1876.2	18.1	1866.2	22.1	1887.3	18.6	1.10%
412024_45		5.0175	0.0943	0.3247	0.0042	0.1121	0.001	1822.3	15.8	1812.5	20.3	1833.7	15.7	1.20%
412024_38		5.3155	0.101	0.3346	0.0043	0.1152	0.001	1871.4	16.1	1860.8	20.9	1883.3	16.1	1.20%
412024_105		4.9463	0.0909	0.3221	0.0043	0.1114	0.0009	1810.2	15.4	1799.9	20.9	1822.1	14.4	1.20%
412024_83		5.0646	0.0859	0.3261	0.0029	0.1127	0.001	1830.2	14.3	1819.4	13.9	1842.6	16.5	1.30%
412024_29		5.3911	0.1117	0.3367	0.0044	0.1161	0.0012	1883.4	17.6	1871	21.1	1897.2	18.1	1.40%
412024_48		5.149	0.0725	0.3285	0.0036	0.1137	0.0007	1844.2	11.9	1830.9	17.6	1859.4	11.1	1.50%
412024_63		5.2439	0.1033	0.3314	0.0055	0.1148	0.0008	1859.8	16.7	1844.9	26.7	1876.6	12.1	1.70%
412024_101		5.0403	0.0949	0.3243	0.0045	0.1127	0.0009	1826.1	15.8	1810.7	21.7	1843.8	14.7	1.80%
412024_72		5.4037	0.108	0.3361	0.0057	0.1166	0.0008	1885.4	17	1867.8	27.5	1905.1	12.1	2.00%
412024_84		5.0127	0.0863	0.3231	0.003	0.1125	0.001	1821.5	14.5	1804.7	14.5	1840.8	16.6	2.00%

412024_5		11.6504	0.3136	0.4848	0.0107	0.1743	0.0017	2576.7	24.9	2548	46.2	2599.5	16.3	2.00%
412024_68		6.8569	0.1395	0.3785	0.0066	0.1314	0.0009	2093.1	17.9	2069.5	30.7	2116.5	12	2.20%
412024_31		4.9111	0.0942	0.3187	0.0041	0.1118	0.001	1804.2	16.1	1783.4	20.2	1828.4	16.6	2.50%
412024_64		15.2066	0.3231	0.5407	0.0099	0.204	0.0015	2828.3	20	2786.4	41.2	2858.3	11.7	2.50%
412024_37		5.0299	0.0945	0.3226	0.0041	0.1131	0.001	1824.4	15.8	1802.4	20.1	1849.7	15.8	2.60%
412024_27		5.1697	0.1108	0.3271	0.0046	0.1146	0.0012	1847.6	18.1	1824.3	22.1	1874	18.4	2.70%
412024_82		5.1384	0.0875	0.3261	0.0029	0.1143	0.0011	1842.5	14.4	1819.3	14	1868.9	16.6	2.70%
412024_98		4.9648	0.0955	0.3201	0.0046	0.1125	0.0009	1813.3	16.1	1790.4	22.2	1839.9	14.9	2.70%
412024_87		7.4771	0.1314	0.3935	0.0038	0.1378	0.0013	2170.2	15.6	2139.3	17.7	2199.8	16.1	2.80%
412024_44		4.9816	0.0904	0.3204	0.0038	0.1128	0.001	1816.2	15.2	1791.6	18.7	1844.7	15.6	2.90%
412024_11		5.3783	0.1193	0.3334	0.0054	0.117	0.0011	1881.4	18.8	1855.1	26.1	1910.7	16.9	2.90%
412024_58		5.2919	0.068	0.3306	0.0033	0.1161	0.0006	1867.6	10.9	1841.5	16.1	1896.8	9.5	2.90%
412024_89		4.9853	0.0854	0.3202	0.0029	0.1129	0.001	1816.8	14.4	1790.7	14.2	1847.1	16.5	3.10%
412024_67		4.9793	0.103	0.3196	0.0056	0.113	0.0008	1815.8	17.3	1788	27.4	1848.1	13.1	3.30%
412024_100		12.4467	0.2298	0.4943	0.0067	0.1826	0.0014	2638.7	17.2	2589.3	28.8	2676.9	12.9	3.30%
412024_25		4.8649	0.1396	0.3155	0.0074	0.1118	0.0012	1796.2	23.9	1767.9	36.2	1829.1	18.8	3.30%
412024_104		5.2745	0.1012	0.3287	0.0046	0.1164	0.001	1864.7	16.2	1832.2	22.5	1901.3	14.9	3.60%
412024_69		13.0518	0.2613	0.5019	0.0086	0.1886	0.0013	2683.4	18.7	2622.1	36.7	2730	11.1	4.00%
412024_86		10.4686	0.1859	0.4543	0.0046	0.1671	0.0015	2477.1	16.3	2414.4	20.5	2529.1	15.3	4.50%
412024_90		12.8995	0.2317	0.4969	0.0051	0.1883	0.0018	2672.3	16.8	2600.5	22.1	2727.3	15.4	4.70%
412024_47		4.7117	0.0725	0.3078	0.0039	0.111	0.0007	1769.3	12.8	1729.8	19.3	1816.4	10.9	4.80%
412024_12		5.8299	0.1314	0.3438	0.0057	0.123	0.0012	1950.9	19.3	1904.7	27.1	2000.2	17.3	4.80%
412024_99		9.5552	0.1769	0.4354	0.0059	0.1592	0.0013	2392.9	16.9	2329.8	26.3	2447	13.6	4.80%
412024_69		5.1698	0.1032	0.3228	0.0055	0.1162	0.0008	1847.7	16.8	1803.5	26.6	1897.8	12.2	5.00%
412024_26		5.5838	0.1188	0.3319	0.0046	0.122	0.0012	1913.6	18.2	1847.4	22.1	1986.1	18.1	7.00%
412024_75		6.523	0.1356	0.3555	0.0063	0.1331	0.0009	2049	18.1	1960.6	30.1	2139.3	12.2	8.40%
412024_7		5.05	0.1146	0.3125	0.0053	0.1172	0.0011	1827.7	19.1	1753	25.8	1914	17.1	8.40%
412024_33		5.4834	0.1057	0.3253	0.0043	0.1223	0.0011	1898	16.4	1815.6	21.1	1989.5	15.9	8.70%
412024_36		4.8896	0.096	0.3056	0.0043	0.116	0.001	1800.5	16.4	1719.2	21	1896.1	15.9	9.30%
412024_39		4.5198	0.0851	0.2929	0.0038	0.1119	0.001	1734.6	15.5	1656	19	1830.9	15.5	9.60%
> 10% discordant														
412024_79		4.3462	0.0743	0.2823	0.0026	0.1117	0.001	1702.2	14	1603	12.8	1826.6	16.5	12.20%
412024_97		4.4209	0.0812	0.2823	0.0038	0.1136	0.0009	1716.3	15.1	1602.7	19	1857.8	14.1	13.70%
412024_40		8.4166	0.2063	0.3825	0.0072	0.1596	0.0018	2277	22	2088.1	33.4	2451.3	18.5	14.80%
412024_102		4.6633	0.0913	0.287	0.0041	0.1179	0.001	1760.7	16.2	1626.4	20.6	1923.9	15.6	15.50%
412024_41		7.2871	0.1498	0.3538	0.0048	0.1494	0.0016	2147.2	18.2	1952.6	22.8	2339.2	18.4	16.50%
412024_66		11.9611	0.2521	0.4288	0.0077	0.2023	0.0015	2601.4	19.6	2300.1	34.9	2845.2	11.7	19.20%
412024_88		11.3437	0.2755	0.4177	0.0081	0.197	0.0018	2551.8	22.4	2250.1	36.5	2801.3	15.1	19.70%
412024_22		3.7594	0.0795	0.2447	0.0033	0.1114	0.0011	1584.1	16.8	1411.2	17.2	1822.7	18.4	22.60%
412024_49		5.4841	0.081	0.2911	0.0036	0.1366	0.0008	1898.1	12.6	1647.2	17.8	2184.8	9.7	24.60%
412024_23		4.5395	0.0969	0.2538	0.0034	0.1297	0.0014	1738.2	17.6	1457.8	17.7	2094.5	18.4	30.40%
412024_85		5.9409	0.1567	0.2778	0.006	0.1551	0.0015	1967.2	22.7	1580.2	30.4	2403.2	16	34.20%

#### Isotopic Ratios

Grain #

207Pb/235U ±

206Pb/238U ±

207Pb/206Pb ±

#### Apparent Ages

207Pb/235U

±

(Ma)

206Pb/238U ±

±

(Ma)

207Pb/206Pb ±

±

(Ma)

% Disc

Sample: Danish River (DR) C-033516

< 10% discordant

033516_40		4.3673	0.1801	0.3155	0.0105	0.1004	0.0015	1706.2	33.5	1767.6	51.4	1631.3	27.7	-8.40%
033516_4		3.0695	0.1086	0.2531	0.0062	0.0879	0.0014	1425.1	26.7	1454.5	31.7	1381.3	30.2	-5.30%
033516_38		4.0487	0.1693	0.2958	0.01	0.0992	0.0016	1644	33.5	1670.5	49.4	1610	28.9	-3.80%
033516_36		3.6573	0.1505	0.2789	0.0093	0.0951	0.0014	1562.1	32.3	1585.9	46.5	1529.8	28.2	-3.70%
033516_32		2.7922	0.111	0.2371	0.0076	0.0854	0.0012	1353.5	29.3	1371.6	39.3	1324.6	27.8	-3.60%
033516_33		4.6465	0.1873	0.3191	0.0104	0.1056	0.0016	1757.7	33.1	1785.2	50.4	1724.7	26.7	-3.50%
033516_20		1.8701	0.0745	0.1827	0.0051	0.0742	0.0013	1070.6	26	1081.9	27.8	1047.3	35.5	-3.30%
033516_26		4.3159	0.1702	0.3059	0.0097	0.1023	0.0014	1696.4	32	1720.5	47.8	1666.4	25.8	-3.30%
033516_86		5.7045	0.1213	0.3555	0.0055	0.1164	0.0012	1932	18.2	1960.9	26.2	1901.3	18.1	-3.10%
033516_29		1.8005	0.0737	0.178	0.0058	0.0734	0.0011	1045.6	26.4	1055.8	31.7	1024.1	31.3	-3.10%
033516_25		4.0453	0.192	0.2945	0.011	0.0996	0.0019	1643.3	37.9	1664.2	54.6	1616.7	34.4	-2.90%
033516_46		2.3502	0.0625	0.2122	0.0033	0.0803	0.0012	1227.6	18.8	1240.4	17.3	1205.4	29.1	-2.90%
033516_100		6.3805	0.1623	0.376	0.0078	0.1231	0.0012	2029.6	22.1	2057.3	36.6	2001.6	17.6	-2.80%
033516_80		2.2482	0.0421	0.2059	0.0026	0.0792	0.0008	1196.2	13.1	1207	13.7	1176.8	18.7	-2.60%
033516_9		1.8629	0.0668	0.1818	0.0045	0.0743	0.0012	1068	23.4	1076.6	24.4	1050.5	32.6	-2.50%
033516_17		1.9436	0.0748	0.187	0.0051	0.0754	0.0012	1096.3	25.5	1105.1	27.5	1078.5	32.8	-2.50%
033516_44		3.2984	0.1072	0.2609	0.0061	0.0917	0.0015	1480.7	25	1494.5	30.9	1461	30.5	-2.30%
033516_57		1.9905	0.0369	0.1899	0.0029	0.076	0.0006	1112.3	12.5	1120.8	15.6	1095.8	15	-2.30%
033516_77		2.678	0.0699	0.2297	0.0046	0.0845	0.0011	1322.4	19.1	1333.1	24.1	1305.1	24.3	-2.10%
033516_69		4.6879	0.0999	0.3183	0.0057	0.1068	0.0009	1765.1	17.7	1781.2	27.8	1746	15.5	-2.00%
033516_55		2.121	0.0985	0.1976	0.0072	0.0779	0.0018	1155.6	31.6	1162.3	38.9	1143.3	44.2	-1.70%
033516_93		3.9466	0.1014	0.2885	0.006	0.0992	0.0011	1623.3	20.6	1634.2	29.9	1609.4	19.7	-1.50%
033516_18		4.0694	0.1574	0.2934	0.008	0.1006	0.0017	1648.2	31	1658.7	39.9	1634.6	30.5	-1.50%
033516_70		1.9343	0.0553	0.1857	0.0042	0.0755	0.0011	1093	19	1098.1	22.5	1082.9	29.5	-1.40%
033516_112		2.971	0.0906	0.244	0.0059	0.0883	0.0012	1400.2	22.9	1407.5	30.6	1389.2	25.2	-1.30%
033516_85		2.9023	0.0585	0.2405	0.0033	0.0875	0.0009	1382.5	15.1	1389.4	17	1372	20.3	-1.30%
033516_83		3.9216	0.0854	0.2867	0.0045	0.0992	0.0011	1618.1	17.5	1625.3	22.5	1608.9	20.1	-1.00%
033516_34		15.5379	0.6063	0.5597	0.0176	0.2013	0.0027	2848.8	36.6	2865.3	72.5	2836.9	22.1	-1.00%
033516_11		6.2087	0.2386	0.367	0.0099	0.1227	0.002	2005.7	33.1	2015	46.5	1995.9	29.2	-1.00%
033516_108		1.8686	0.0516	0.1812	0.0039	0.0748	0.0009	1070	18.1	1073.3	21.2	1063.5	23.8	-0.90%
033516_88		4.2588	0.1016	0.3	0.0057	0.103	0.001	1685.4	19.4	1691.3	28	1678.3	18.2	-0.80%
033516_72		5.389	0.1181	0.3403	0.0056	0.1148	0.0012	1883.1	18.6	1888.2	26.7	1877.5	18.3	-0.60%
033516_13		2.2063	0.0841	0.2018	0.0054	0.0793	0.0013	1183.1	26.3	1185.1	28.7	1179.2	32.3	-0.50%
033516_101		1.5381	0.0402	0.1583	0.0032	0.0705	0.0008	945.7	16	947.1	17.7	942.7	22.8	-0.50%
033516_14		4.5844	0.1924	0.3119	0.0097	0.1066	0.0019	1746.4	34.4	1749.9	47.3	1742.1	32.1	-0.40%
033516_111		3.3726	0.0907	0.262	0.0055	0.0934	0.001	1498	20.8	1500	28.2	1495.2	21	-0.30%
033516_75		2.2159	0.0654	0.2022	0.0044	0.0795	0.0013	1186.1	20.5	1187.3	23.3	1184	31.8	-0.30%
033516_92		1.9869	0.0462	0.1883	0.0034	0.0765	0.0008	1111.1	15.6	1112.1	18.6	1109.2	19.5	-0.30%
033516_71		2.8194	0.0607	0.2351	0.0034	0.087	0.001	1360.7	16	1361.4	17.9	1359.6	22.3	-0.10%
033516_82		13.8029	0.3413	0.5293	0.0107	0.1891	0.0019	2736.3	23.1	2738.3	44.8	2734.8	16.4	-0.10%
033516_22		3.3618	0.1326	0.2611	0.0074	0.0934	0.0016	1495.5	30.4	1495.3	37.8	1495.7	31.1	0.00%
033516_114		1.8695	0.0502	0.1806	0.0037	0.0751	0.0009	1070.3	17.6	1070.2	20.1	1070.6	24.1	0.00%
033516_35		5.8565	0.2462	0.3541	0.0122	0.1199	0.0018	1954.8	35.8	1954.2	57.8	1955.2	26.3	0.00%
033516_97		6.9677	0.1709	0.3865	0.0076	0.1308	0.0013	2107.3	21.6	2106.5	35.4	2108.3	17.3	0.10%
033516_76		4.1731	0.0838	0.2953	0.0041	0.1025	0.001	1668.7	16.3	1668	20.5	1669.7	18.4	0.10%
033516_23		4.3231	0.17	0.301	0.0085	0.1042	0.0017	1697.8	31.9	1696.1	41.9	1699.7	30.4	0.20%
033516_16		5.1123	0.2	0.3295	0.0091	0.1125	0.0019	1838.2	32.7	1836.1	44.2	1840.3	30.2	0.20%

033516_62	2.087	0.0489	0.1941	0.0036	0.078	0.0009	1144.5	16	1143.5	19.2	1146.6	23	0.30%
033516_103	2.6948	0.0794	0.2281	0.0054	0.0857	0.0011	1327	21.6	1324.7	28.2	1330.9	23.9	0.50%
033516_48	4.406	0.1169	0.3036	0.005	0.1053	0.0015	1713.5	21.7	1709.2	24.7	1718.9	25.2	0.60%
033516_113	4.1838	0.1166	0.295	0.0066	0.1029	0.0012	1670.9	22.6	1666.6	32.6	1676.3	20.9	0.60%
033516_84	4.284	0.0902	0.2989	0.0044	0.104	0.0011	1690.3	17.2	1685.8	21.6	1695.9	20.1	0.60%
033516_96	4.2601	0.1307	0.2977	0.0077	0.1038	0.0013	1685.7	24.9	1680.1	38	1692.7	22.7	0.70%
033516_74	4.2161	0.0888	0.2957	0.0044	0.1034	0.0011	1677.2	17.1	1669.9	22	1686.3	19.3	1.00%
033516_73	6.1872	0.115	0.362	0.0046	0.124	0.0011	2002.6	16.1	1991.7	21.5	2013.9	16.2	1.10%
033516_31	4.7454	0.2436	0.3145	0.0138	0.1094	0.0019	1775.3	42.2	1763	67.2	1789.4	31.4	1.50%
033516_106	13.7365	0.3946	0.5221	0.0123	0.1908	0.0021	2731.7	26.8	2708.2	52	2749.2	17.9	1.50%
033516_10	2.7199	0.0938	0.2283	0.0054	0.0864	0.0013	1333.9	25.3	1325.5	28	1347.2	29.5	1.60%
033516_58	13.6815	0.2646	0.5207	0.0086	0.1906	0.0013	2727.9	18.1	2702	36.4	2747.2	11.2	1.60%
033516_87	5.8885	0.1397	0.3519	0.0067	0.1214	0.0012	1959.5	20.4	1943.8	31.8	1976.3	16.8	1.60%
033516_90	2.9728	0.0732	0.2409	0.0047	0.0895	0.0009	1400.7	18.5	1391.1	24.3	1415.4	20.1	1.70%
033516_21	4.4158	0.1779	0.3019	0.0088	0.1061	0.0018	1715.3	32.8	1700.7	43.5	1733.1	31	1.90%
033516_43	2.8737	0.0873	0.2358	0.0049	0.0884	0.0014	1375	22.6	1364.7	25.3	1391.3	29.7	1.90%
033516_102	6.2031	0.183	0.3606	0.0087	0.1248	0.0014	2004.9	25.5	1984.9	41.3	2025.6	20.1	2.00%
033516_7	3.4301	0.1252	0.2616	0.0067	0.0951	0.0016	1511.3	28.3	1498	34	1530	30.5	2.10%
033516_109	2.3783	0.0693	0.2095	0.0049	0.0823	0.001	1236.1	20.6	1226.1	26.3	1253.6	22.8	2.20%
033516_107	2.9991	0.0787	0.2413	0.0049	0.0901	0.001	1407.4	19.8	1393.6	25.6	1428.4	20.8	2.40%
033516_56	1.8095	0.0457	0.1752	0.0035	0.0749	0.0009	1048.9	16.4	1040.4	19.3	1066.6	24.8	2.40%
033516_60	3.2006	0.0687	0.2508	0.0044	0.0926	0.0009	1457.3	16.5	1442.6	22.8	1478.9	17.4	2.50%
033516_78	2.2025	0.0506	0.1991	0.0033	0.0802	0.001	1181.8	15.9	1170.5	17.6	1202.7	23.2	2.70%
033516_45	1.5932	0.0404	0.1605	0.0022	0.072	0.001	967.5	15.7	959.4	12.2	986.2	29.1	2.70%
033516_115	4.513	0.141	0.3036	0.0078	0.1078	0.0014	1733.4	25.6	1708.9	38.3	1763	23	3.10%
033516_110	13.3999	0.4518	0.5104	0.015	0.1904	0.0021	2708.3	31.4	2658.3	63.7	2745.7	18.4	3.20%
033516_15	4.5119	0.1753	0.3033	0.0084	0.1079	0.0018	1733.2	31.8	1707.4	41.2	1764.2	30	3.20%
033516_63	3.2778	0.0773	0.253	0.005	0.094	0.0009	1475.8	18.2	1453.9	25.6	1507.5	18.8	3.60%
033516_1	1.9276	0.0695	0.1819	0.0044	0.0768	0.0013	1090.7	23.8	1077.4	24.2	1117.3	33.2	3.60%
033516_12	0.5234	0.0208	0.0681	0.0019	0.0557	0.001	427.4	13.7	424.9	11.4	440.7	39.2	3.60%
033516_98	4.723	0.1476	0.3101	0.0085	0.1105	0.0011	1771.3	25.9	1741.4	41.9	1806.9	18.6	3.60%
033516_5	2.1005	0.0785	0.1923	0.0051	0.0792	0.0013	1149	25.4	1133.7	27.7	1177.7	32.3	3.70%
033516_42	1.7984	0.0622	0.1736	0.0042	0.0751	0.0014	1044.9	22.3	1031.9	23.3	1072.3	36	3.80%
033516_49	2.3108	0.08	0.2042	0.005	0.0821	0.0015	1215.6	24.2	1197.7	26.9	1247.8	34.7	4.00%
033516_99	4.9876	0.1941	0.3178	0.0105	0.1138	0.0019	1817.2	32.4	1778.8	51	1861.7	29.8	4.50%
033516_59	1.5703	0.0336	0.1575	0.0026	0.0723	0.0007	958.5	13.2	942.7	14.7	995	20.7	5.20%
033516_8	2.7806	0.1179	0.2273	0.0071	0.0887	0.0017	1350.3	31.2	1320.4	37.4	1398	36.3	5.60%
033516_68	4.0215	0.1249	0.2808	0.0073	0.1039	0.0015	1638.6	24.9	1595.4	36.7	1694.4	25.6	5.80%
033516_51	2.2033	0.0598	0.1965	0.0032	0.0813	0.0012	1182.1	18.8	1156.7	17.3	1228.9	28.8	5.90%
033516_81	4.0817	0.0943	0.2824	0.0049	0.1048	0.0012	1650.7	18.7	1603.4	24.5	1711.4	20.4	6.30%
033516_52	15.7339	0.3873	0.5321	0.0077	0.2145	0.0028	2860.8	23.2	2750.4	32.1	2939.6	20.6	6.40%
033516_79	1.9594	0.0539	0.1817	0.0037	0.0782	0.0011	1101.7	18.3	1076.3	20.2	1152.2	28.4	6.60%
033516_27	2.4576	0.1088	0.209	0.0075	0.0853	0.0015	1259.6	31.4	1223.6	39.6	1321.5	32.9	7.40%
033516_50	1.9265	0.0533	0.1783	0.003	0.0784	0.0012	1090.3	18.3	1057.9	16.7	1155.9	29.4	8.50%
033516_64	2.6089	0.0862	0.215	0.006	0.088	0.0013	1303.2	24	1255.4	31.8	1382.7	28	9.20%
033516_105	2.0763	0.0704	0.1862	0.0049	0.0809	0.0013	1141	23	1101	26.8	1217.9	31.3	9.60%
033516_95	6.198	0.2769	0.3539	0.0149	0.127	0.0014	2004.2	38.3	1953.3	70.6	2052.8	16.8	4.80%

## &gt; 10% discordant

033516_61	2.8086	0.1092	0.2166	0.0078	0.0941	0.0011	1357.8	28.7	1263.7	41.3	1509.3	22.3	16.30%
033516_6	5.1989	0.1829	0.3005	0.0073	0.1255	0.0019	1852.4	29.5	1693.8	36.3	2035.4	27.2	16.80%
033516_66	1.9028	0.0387	0.17	0.0028	0.0812	0.0007	1082.1	13.4	1012.1	15.3	1225.8	17.8	17.40%
033516_53	1.979	0.0861	0.1738	0.005	0.0826	0.0022	1108.4	28.9	1032.9	27.6	1259.9	50.5	18.00%
033516_47	2.1631	0.0489	0.1824	0.0018	0.086	0.0011	1169.3	15.6	1079.9	10	1338.9	25	19.30%
033516_104	6.8653	0.2746	0.3326	0.0121	0.1497	0.0017	2094.2	34.8	1850.9	58.4	2342.6	19.6	21.00%
033516_65	2.2502	0.0552	0.1815	0.0032	0.0899	0.0013	1196.8	17.1	1075	17.4	1424.1	26.7	24.50%
033516_2	5.2601	0.1975	0.2854	0.007	0.1337	0.0025	1862.4	31.5	1618.5	35.3	2146.6	32.4	24.60%
033516_91	2.4163	0.0883	0.1846	0.0059	0.095	0.0013	1247.5	25.9	1091.8	32.2	1527.3	24.8	28.50%
033516_41	2.8034	0.0738	0.2003	0.0032	0.1015	0.0014	1356.4	19.5	1176.9	17	1652.1	25.9	28.80%
033516_89	2.3781	0.063	0.1807	0.0039	0.0954	0.001	1236	18.8	1070.8	21.4	1536.9	20	30.30%
033516_54	2.9361	0.0757	0.2014	0.0027	0.1057	0.0016	1391.3	19.3	1182.8	14.4	1727.3	27.8	31.50%
033516_24	2.7081	0.1156	0.1921	0.006	0.1022	0.0019	1330.7	31.2	1132.7	32.4	1665.2	33.9	32.00%
033516_39	0.5854	0.0241	0.0696	0.0023	0.061	0.001	467.9	15.3	433.8	13.7	638.5	34.4	32.10%
033516_94	4.1101	0.1339	0.2023	0.0057	0.1474	0.0018	1656.3	26.3	1187.4	30.3	2315.9	21	48.70%
033516_28	9.7249	0.9388	0.419	0.0387	0.1683	0.0026	2409.1	85.2	2256	173.2	2540.8	25.6	11.20%
033516_37	2.7734	0.1814	0.2197	0.0122	0.0915	0.0023	1348.4	47.7	1280.5	64.3	1457.5	46.5	12.10%
033516_30	3.2868	0.1284	0.2418	0.0075	0.0986	0.0014	1477.9	30	1396.1	38.8	1597.2	27	12.60%

## Isotopic Ratios

Grain #	207Pb/235U ±		206Pb/238U ±		207Pb/206Pb ±		Apparent Ages		207Pb/235U ±		206Pb/238U ±		207Pb/206Pb ±		% Disc
	Sample: Bird Fiord (BF) C-198555	(Ma)	(Ma)	(Ma)	(Ma)	(Ma)	(Ma)	(Ma)	(Ma)	(Ma)	(Ma)	(Ma)	(Ma)	(Ma)	
< 10% discordant															
198555_89	6.348	0.2069	0.3771	0.0115	0.1221	0.0008	2025.1	28.2	2062.7	53.8	1987.2	12	-3.80%		
198555_87	1.791	0.0479	0.1773	0.004	0.0732	0.0007	1042.2	17.3	1052.5	22.1	1020.8	18.8	-3.10%		
198555_98	1.8978	0.0455	0.1845	0.0038	0.0746	0.0006	1080.3	15.8	1091.2	20.6	1058.5	15.2	-3.10%		
198555_27	4.0112	0.0681	0.2921	0.0041	0.0996	0.0006	1636.5	13.7	1651.9	20.3	1616.8	10.3	-2.20%		
198555_22	1.7493	0.0299	0.1737	0.0024	0.073	0.0004	1026.9	11	1032.6	13.4	1015	11.4	-1.70%		
198555_99	4.1582	0.1008	0.2972	0.0063	0.1015	0.0007	1665.8	19.6	1677.5	31.1	1651.2	13.4	-1.60%		
198555_74	2.6421	0.0691	0.227	0.0055	0.0844	0.0005	1312.4	19.1	1318.7	28.9	1302.3	12.1	-1.30%		
198555_23	13.4181	0.2106	0.5268	0.0065	0.1847	0.001	2709.5	14.7	2728	27.5	2695.9	9.2	-1.20%		
198555_2	1.7358	0.0466	0.1724	0.0031	0.073	0.0008	1021.9	17.1	1025.5	16.8	1014.2	23	-1.10%		
198555_82	6.1287	0.1432	0.3649	0.0075	0.1218	0.0008	1994.3	20.2	2005.3	35.2	1983.2	12.1	-1.10%		
198555_29	2.3712	0.044	0.2118	0.0031	0.0812	0.0006	1234	13.2	1238.7	16.7	1225.8	13.5	-1.00%		
198555_84	2.0039	0.0491	0.1899	0.0041	0.0766	0.0005	1116.8	16.5	1120.7	22.4	1109.5	13.5	-1.00%		
198555_57	6.1507	0.1894	0.365	0.0102	0.1222	0.0009	1997.5	26.5	2005.9	48.1	1988.8	13	-0.90%		
198555_85	1.7925	0.045	0.1758	0.0037	0.074	0.0007	1042.7	16.2	1043.8	20.3	1040.7	18.1	-0.30%		
198555_75	2.8054	0.1008	0.2344	0.0079	0.0868	0.0007	1357	26.6	1357.6	41.1	1356	16.4	-0.10%		
198555_31	1.8286	0.0415	0.1779	0.0028	0.0746	0.0007	1055.8	14.8	1055.4	15.1	1056.7	19.8	0.10%		
198555_19	3.9641	0.083	0.2865	0.0049	0.1004	0.0008	1626.9	16.8	1623.8	24.5	1631	14.3	0.40%		
198555_68	5.8022	0.1478	0.3516	0.0083	0.1197	0.0007	1946.7	21.8	1942.4	39.7	1951.4	10.2	0.50%		
198555_46	5.8112	0.1783	0.3518	0.0098	0.1198	0.0009	1948.1	26.2	1943.2	46.8	1953.3	12.7	0.50%		
198555_73	3.9306	0.112	0.2848	0.0076	0.1001	0.0006	1620	22.8	1615.6	38	1625.8	11.9	0.60%		
198555_79	3.8242	0.1268	0.2804	0.0086	0.0989	0.0008	1597.8	26.3	1593.3	42.9	1604	15.5	0.70%		
198555_76	3.1358	0.0831	0.2497	0.0059	0.0911	0.0007	1441.5	20.2	1436.8	30.3	1448.6	14.4	0.80%		
198555_1	2.5111	0.0656	0.2179	0.0038	0.0836	0.0009	1275.3	18.8	1270.9	20.2	1282.6	20.6	0.90%		

198555_69	5.2407	0.1453	0.3326	0.0084	0.1143	0.0009	1859.3	23.4	1850.9	40.5	1868.7	13.8	1.00%
198555_43	1.8366	0.0377	0.1778	0.0025	0.0749	0.0006	1058.7	13.4	1055.2	13.6	1066	17	1.00%
198555_24	4.6362	0.0819	0.3114	0.0046	0.108	0.0006	1755.8	14.7	1747.5	22.4	1765.8	10.5	1.00%
198555_97	1.7473	0.0442	0.1718	0.0038	0.0738	0.0006	1026.2	16.2	1022.2	20.9	1034.7	15.2	1.20%
198555_54	0.5311	0.018	0.0692	0.002	0.0556	0.0006	432.5	11.8	431.5	12.2	437.8	24.4	1.40%
198555_17	13.5227	0.247	0.5188	0.008	0.189	0.0011	2716.9	17.1	2694.2	33.8	2733.9	9.4	1.50%
198555_7	2.024	0.0517	0.1892	0.0032	0.0776	0.0008	1123.6	17.2	1117.2	17.4	1136	20.5	1.70%
198555_53	2.7187	0.0921	0.2281	0.007	0.0864	0.0008	1333.6	24.8	1324.8	36.4	1347.8	17.6	1.70%
198555_33	3.2379	0.0781	0.2532	0.0045	0.0928	0.0009	1466.3	18.5	1454.9	23.3	1482.9	17.9	1.90%
198555_18	3.8385	0.0683	0.2792	0.0041	0.0997	0.0006	1600.9	14.2	1587.6	20.8	1618.5	10.7	1.90%
198555_42	5.8215	0.1179	0.3493	0.0049	0.1209	0.001	1949.6	17.4	1931.3	23.4	1969.3	14.2	1.90%
198555_16	5.8999	0.1042	0.3516	0.0051	0.1217	0.0007	1961.2	15.2	1942	24.5	1981.6	10.2	2.00%
198555_20	1.7927	0.0399	0.1743	0.0029	0.0746	0.0007	1042.8	14.4	1035.9	15.9	1057.5	20	2.00%
198555_104	1.6776	0.0433	0.1666	0.0037	0.073	0.0006	1000.1	16.3	993.6	20.1	1014.4	17.8	2.10%
198555_100	0.4938	0.0139	0.065	0.0015	0.0551	0.0006	407.5	9.4	406.2	9	415	25	2.10%
198555_8	3.9915	0.1075	0.285	0.0054	0.1016	0.0011	1632.5	21.6	1616.3	26.8	1653.4	19.5	2.20%
198555_47	5.1136	0.1607	0.3258	0.0094	0.1138	0.0008	1838.4	26.3	1818.1	45.3	1861.4	13	2.30%
198555_93	2.3417	0.0593	0.2072	0.0047	0.082	0.0006	1225	17.9	1214	24.8	1244.6	13.7	2.50%
198555_61	6.0314	0.1329	0.3543	0.0072	0.1235	0.0007	1980.4	19	1954.9	34	2007.2	9.3	2.60%
198555_3	2.1243	0.0563	0.1944	0.0035	0.0792	0.0008	1156.7	18.1	1145.2	19.1	1178.4	20.8	2.80%
198555_34	3.8513	0.083	0.2782	0.0043	0.1004	0.0008	1603.5	17.2	1582.3	21.7	1631.6	15.6	3.00%
198555_55	5.1598	0.1673	0.326	0.0097	0.1148	0.0009	1846	27.2	1819.1	46.9	1876.5	13.5	3.10%
198555_63	2.0964	0.0571	0.1926	0.0047	0.079	0.0007	1147.6	18.5	1135.2	25.3	1171.2	16.5	3.10%
198555_77	5.7944	0.1912	0.3458	0.0105	0.1215	0.001	1945.6	28.2	1914.6	49.9	1978.9	15.2	3.30%
198555_70	3.9806	0.1156	0.2829	0.0077	0.102	0.0007	1630.3	23.3	1606	38.5	1661.7	12.1	3.30%
198555_10	4.4462	0.119	0.3006	0.0056	0.1073	0.0011	1721	21.9	1694.1	27.7	1753.9	19.1	3.40%
198555_39	4.2799	0.0892	0.2943	0.0044	0.1055	0.0008	1689.5	17	1663	21.9	1722.7	14.5	3.50%
198555_35	5.8295	0.1169	0.3463	0.0047	0.1221	0.001	1950.8	17.2	1916.8	22.5	1987.2	14.5	3.50%
198555_13	2.0096	0.057	0.1869	0.0036	0.078	0.0009	1118.8	19.1	1104.4	19.5	1146.9	23.9	3.70%
198555_6	4.6954	0.1294	0.3087	0.006	0.1103	0.0012	1766.4	22.8	1734.2	29.3	1804.8	19.8	3.90%
198555_64	5.7769	0.1644	0.3439	0.0092	0.1218	0.0007	1943	24.3	1905.3	44	1983.4	10.8	3.90%
198555_105	2.2615	0.0571	0.2015	0.0043	0.0814	0.0007	1200.4	17.6	1183.1	23.3	1231.7	16.4	3.90%
198555_58	3.8973	0.1217	0.2787	0.0079	0.1014	0.0008	1613.1	24.9	1584.7	39.7	1650.4	13.9	4.00%
198555_44	12.0775	0.2751	0.4849	0.0082	0.1807	0.0015	2610.4	21.1	2548.5	35.7	2658.9	14.1	4.20%
198555_48	6.0969	0.1868	0.3528	0.0099	0.1253	0.0009	1989.8	26.4	1948	46.9	2033.6	12.3	4.20%
198555_102	13.2357	0.3269	0.5035	0.011	0.1907	0.0013	2696.6	23.1	2629	47.1	2747.8	11.1	4.30%
198555_32	5.6724	0.1293	0.3396	0.0059	0.1212	0.001	1927.2	19.5	1884.7	28.2	1973.3	14.7	4.50%
198555_12	5.907	0.1554	0.3466	0.0063	0.1236	0.0013	1962.3	22.6	1918.5	30.1	2008.8	18.2	4.50%
198555_78	3.4575	0.0858	0.2597	0.0058	0.0966	0.0006	1517.6	19.4	1488.2	29.4	1558.9	12.5	4.50%
198555_49	5.6607	0.1757	0.3383	0.0095	0.1213	0.0009	1925.4	26.4	1878.7	45.8	1976.1	13.3	4.90%
198555_9	1.6439	0.0438	0.1626	0.0029	0.0733	0.0008	987.2	16.7	971.5	16.1	1022.4	22.3	5.00%
198555_38	1.9075	0.0399	0.1795	0.0026	0.0771	0.0006	1083.7	13.8	1064.2	14.4	1123.3	16.5	5.30%
198555_103	5.9022	0.1474	0.3446	0.0076	0.1242	0.0009	1961.6	21.5	1909	36.1	2017.6	12.8	5.40%
198555_59	5.7058	0.1829	0.338	0.01	0.1225	0.0009	1932.2	27.3	1876.8	47.8	1992.3	12.7	5.80%
198555_56	10.0313	0.3134	0.4418	0.0126	0.1647	0.0012	2437.7	28.4	2358.8	56.3	2504.2	11.7	5.80%
198555_81	12.2873	0.3578	0.4822	0.013	0.1848	0.0012	2626.6	27	2536.9	56.2	2696.6	11	5.90%
198555_80	1.8765	0.0602	0.1771	0.0051	0.0769	0.0008	1072.8	21	1051.1	27.6	1117.3	19.6	5.90%

198555_21	9.5416	0.166	0.4297	0.0063	0.161	0.0009	2391.6	15.9	2304.5	28.2	2466.7	9.1	6.60%
198555_95	12.8596	0.3556	0.489	0.0122	0.1907	0.0014	2669.4	25.7	2566.3	52.5	2748.6	12	6.60%
198555_71	5.5928	0.1812	0.3324	0.0102	0.122	0.0008	1915	27.5	1849.8	49.3	1986.4	11.6	6.90%
198555_40	8.9269	0.4901	0.4157	0.0219	0.1558	0.0013	2330.6	48.9	2240.8	98.8	2410.2	14.5	7.00%
198555_26	2.6793	0.0475	0.2205	0.0032	0.0881	0.0005	1322.8	13	1284.7	17.1	1385.1	11.1	7.30%
198555_4	0.552	0.0147	0.0706	0.0013	0.0567	0.0006	446.3	9.6	439.7	7.7	480.6	23.9	8.50%
198555_72	5.1427	0.2076	0.3151	0.0122	0.1184	0.0009	1843.2	33.8	1766	59.4	1931.6	13.9	8.60%
198555_51	5.3329	0.1691	0.321	0.0093	0.1205	0.0009	1874.1	26.8	1794.5	45.2	1963.7	13.1	8.60%
198555_50	5.3469	0.1695	0.3197	0.0092	0.1213	0.0009	1876.4	26.8	1788.3	44.8	1975.4	13.8	9.50%
198555_92	3.6806	0.098	0.2616	0.0063	0.102	0.0007	1567.2	21	1498.2	31.9	1661.5	12.8	9.80%
198555_67	5.2279	0.1525	0.315	0.0087	0.1204	0.0007	1857.2	24.6	1765.4	42.4	1961.7	10.7	10.00%
198555_25	2.4474	0.0539	0.2126	0.0042	0.0835	0.0005	1256.7	15.7	1242.5	22.2	1292.8	10.5	3.90%
198555_28	2.6152	0.0672	0.2154	0.0049	0.0881	0.0006	1304.9	18.7	1257.5	26.2	1390.6	12.7	9.60%
> 10% discordant													
198555_101	1.7995	0.0506	0.1672	0.004	0.0781	0.0007	1045.3	18.2	996.7	22.3	1148.4	18.7	13.20%
198555_11	3.5137	0.0949	0.2499	0.0047	0.102	0.0011	1530.3	21.1	1438.2	24.3	1660.1	19.5	13.40%
198555_94	1.82	0.0508	0.1674	0.004	0.0789	0.0007	1052.7	18.1	997.8	22.3	1168.5	18.2	14.60%
198555_41	10.718	0.248	0.4255	0.0076	0.1827	0.0015	2499	21.3	2285.4	34.3	2677.5	13.3	14.60%
198555_37	4.1281	0.0944	0.2673	0.0045	0.112	0.001	1659.9	18.5	1527.2	22.9	1832.3	15.9	16.70%
198555_52	5.3918	0.1711	0.3029	0.0088	0.1291	0.001	1883.6	26.8	1705.7	43.2	2085.8	13.2	18.20%
198555_36	0.4703	0.0195	0.0603	0.0022	0.0566	0.0007	391.4	13.4	377.3	13.6	475.9	25.2	20.70%
198555_60	4.6326	0.3182	0.2759	0.0186	0.1218	0.0009	1755.2	55.8	1570.9	93.1	1982.2	13.8	20.70%
198555_5	4.3257	0.1148	0.2632	0.0048	0.1192	0.0013	1698.3	21.7	1506.3	24.5	1944.1	18.7	22.50%
198555_62	0.4989	0.0118	0.0628	0.0013	0.0576	0.0004	410.9	8	392.5	8	515.8	16	23.90%
198555_88	2.3857	0.0703	0.1852	0.005	0.0934	0.0007	1238.3	20.9	1095.5	27.1	1496.4	14.1	26.80%
198555_83	3.0399	0.1371	0.2121	0.0093	0.1039	0.0007	1417.7	33.9	1240.2	49.1	1695.7	12.5	26.90%
198555_14	3.9537	0.1052	0.2424	0.0045	0.1183	0.0012	1624.8	21.3	1399	23.5	1930.9	18.2	27.50%
198555_96	11.011	0.3858	0.3576	0.0119	0.2234	0.0015	2524.1	32.1	1970.6	56.1	3005	10.6	34.40%
198555_66	3.2933	0.1048	0.1934	0.0058	0.1235	0.0008	1479.5	24.5	1139.7	31.4	2007.6	11.5	43.20%
198555_90	3.3606	0.102	0.1645	0.0046	0.1482	0.0011	1495.3	23.5	981.7	25.4	2325.1	12.6	57.80%
198555_86	2.899	0.0696	0.2501	0.0052	0.0841	0.0006	1381.7	18	1438.9	26.9	1294.4	14.3	-11.20%
198555_106	1.6281	0.0444	0.1578	0.0039	0.0748	0.0005	981.1	17	944.6	21.5	1064	14.6	11.20%
198555_91	2.1358	0.0552	0.1875	0.0043	0.0826	0.0006	1160.5	17.7	1107.8	23.3	1260.4	14.3	12.10%
198555_45	4.8173	0.0952	0.2978	0.004	0.1173	0.0009	1787.9	16.5	1680.3	19.7	1916.1	14.3	12.30%
198555_65	4.8666	0.1517	0.2992	0.008	0.118	0.0013	1796.5	25.9	1687.3	39.7	1925.7	20.4	12.40%

Grain #	Isotopic Ratios						Apparent Ages						% Disc	
	207Pb/235U		±		206Pb/238U		±		207Pb/206Pb		±			
	(Ma)	(Ma)	(Ma)	(Ma)	(Ma)	(Ma)	(Ma)	(Ma)	(Ma)	(Ma)	(Ma)	(Ma)		
Sample: Strathcona Fiord-1 (SF-1) C-245720														
< 10% discordant														
245720_94	6.5015	0.1092	0.3841	0.0048	0.1228	0.0009	2046.1	14.7	2095.3	22.3	1997	12.9	-4.90%	
245720_7	1.681	0.0734	0.1707	0.0056	0.0714	0.0013	1001.4	27.4	1016.1	31	968.9	37.6	-4.90%	
245720_23	4.9712	0.3039	0.3302	0.017	0.1092	0.0023	1814.4	50.4	1839.4	82	1785.4	38.5	-3.00%	
245720_8	6.8689	0.3493	0.3906	0.0165	0.1275	0.0024	2094.7	44.1	2125.7	76	2064	32.4	-3.00%	
245720_38	3.6313	0.093	0.2766	0.0064	0.0952	0.0007	1556.4	20.2	1574	32.1	1532.8	13.6	-2.70%	
245720_65	1.5354	0.0287	0.1587	0.0023	0.0702	0.0006	944.7	11.4	949.6	12.7	933.2	16.1	-1.80%	
245720_6	1.9602	0.1111	0.1875	0.0086	0.0758	0.0018	1102	37.4	1107.9	46.6	1089.9	46.4	-1.60%	

245720_21		1.7289	0.0915	0.1722	0.0074	0.0728	0.0014	1019.3	33.5	1024.3	40.3	1008.1	39.8	-1.60%
245720_89		5.3268	0.0718	0.3399	0.0038	0.1137	0.0006	1873.2	11.5	1886.1	18.5	1859	8.7	-1.50%
245720_36		14.201	0.3004	0.5403	0.01	0.1906	0.0012	2763.2	19.9	2784.8	41.8	2747.6	10.1	-1.40%
245720_26		6.1147	0.3148	0.3647	0.0153	0.1216	0.0022	1992.3	44	2004.3	72.1	1979.5	31.8	-1.30%
245720_58		3.155	0.0614	0.2529	0.0039	0.0905	0.0007	1446.2	14.9	1453.4	20.1	1435.7	14	-1.20%
245720_25		2.3536	0.1237	0.2109	0.009	0.0809	0.0016	1228.7	36.8	1233.6	47.7	1219.5	37.3	-1.20%
245720_49		2.3528	0.0491	0.2107	0.0035	0.081	0.0006	1228.4	14.8	1232.4	18.9	1221.4	15.5	-0.90%
245720_31		4.62	0.0979	0.3138	0.0058	0.1068	0.0007	1752.9	17.5	1759.1	28.5	1745.6	11.4	-0.80%
245720_20		2.0278	0.1074	0.1912	0.0082	0.0769	0.0015	1124.9	35.4	1127.7	44.2	1119	38.8	-0.80%
245720_87		6.0158	0.082	0.3606	0.0042	0.121	0.0006	1978.1	11.8	1985.2	19.6	1970.8	8.6	-0.70%
245720_32		4.4306	0.0947	0.3064	0.0057	0.1049	0.0007	1718.1	17.5	1722.9	28	1712.3	12.1	-0.60%
245720_10		5.2518	0.2322	0.3352	0.0117	0.1136	0.0019	1861.1	37	1863.8	56.5	1857.7	30.3	-0.30%
245720_3		2.8945	0.1304	0.2391	0.0084	0.0878	0.0016	1380.5	33.4	1381.9	43.5	1378	35	-0.30%
245720_30		4.8887	0.2503	0.3224	0.0135	0.11	0.002	1800.3	42.3	1801.3	65.4	1798.6	32.3	-0.20%
245720_17		2.7993	0.1502	0.2341	0.0103	0.0867	0.0017	1355.4	39.4	1355.7	53.5	1354.2	36.8	-0.10%
245720_92		4.6013	0.0755	0.312	0.0038	0.107	0.0008	1749.5	13.6	1750.4	18.5	1748.6	13	-0.10%
245720_51		2.611	0.0507	0.2242	0.0035	0.0845	0.0006	1303.7	14.2	1304.1	18.2	1303.2	14.3	-0.10%
245720_78		3.3994	0.0466	0.2628	0.003	0.0938	0.0005	1504.3	10.7	1504.2	15.4	1504.4	9.6	0.00%
245720_88		4.2978	0.0577	0.3003	0.0034	0.1038	0.0005	1692.9	11	1692.6	16.8	1693.4	8.8	0.00%
245720_2		3.3589	0.173	0.2608	0.0111	0.0934	0.0018	1494.9	39.5	1493.8	56.4	1496.1	36.3	0.20%
245720_73		4.7365	0.0862	0.3163	0.0045	0.1086	0.0008	1773.7	15.1	1771.7	22.1	1776.1	13	0.20%
245720_63		6.0717	0.1054	0.3602	0.0048	0.1223	0.0008	1986.2	15	1983.1	22.8	1989.4	12.2	0.30%
245720_28		3.9358	0.2133	0.2854	0.0128	0.1	0.0019	1621.1	43	1618.5	63.8	1623.9	35	0.30%
245720_77		4.9302	0.0702	0.3228	0.0039	0.1108	0.0005	1807.4	12	1803.4	19.2	1812.2	8.8	0.50%
245720_72		1.4239	0.0276	0.1494	0.0022	0.0691	0.0006	899	11.5	897.7	12.5	902.2	17	0.50%
245720_11		2.6243	0.1217	0.2243	0.0083	0.0848	0.0016	1307.5	33.5	1304.4	43.3	1312.1	35.1	0.60%
245720_39		4.8698	0.1079	0.3204	0.0063	0.1102	0.0007	1797.1	18.5	1791.8	30.6	1803.2	11.5	0.60%
245720_81		3.2379	0.0484	0.2545	0.0031	0.0923	0.0006	1466.3	11.5	1461.6	16.1	1473.1	11.6	0.80%
245720_93		5.737	0.0924	0.3489	0.0041	0.1193	0.0008	1937	13.8	1929.4	19.7	1945.1	12.3	0.80%
245720_79		17.3974	0.2414	0.5777	0.0069	0.2184	0.001	2957	13.2	2939.4	28	2969.1	7.5	1.00%
245720_74		6.0035	0.1156	0.3565	0.0054	0.1221	0.001	1976.4	16.6	1965.6	25.6	1987.6	13.9	1.10%
245720_27		2.8522	0.1465	0.2354	0.0099	0.0878	0.0016	1369.4	37.9	1362.8	51.3	1379.1	34.4	1.20%
245720_50		12.7599	0.25	0.5067	0.0079	0.1827	0.0013	2662.1	18.3	2642.3	33.9	2677.2	12	1.30%
245720_60		13.1195	0.2546	0.5127	0.0079	0.1856	0.0013	2688.3	18.1	2668.2	33.7	2703.5	12	1.30%
245720_18		5.4431	0.2856	0.3385	0.0146	0.1166	0.0021	1891.7	44	1879.6	70	1904.5	32.3	1.30%
245720_59		4.0649	0.0793	0.2892	0.0044	0.1019	0.0008	1647.3	15.8	1637.5	22.2	1659.8	14	1.30%
245720_75		4.5034	0.08	0.3059	0.0042	0.1068	0.0008	1731.6	14.7	1720.7	20.6	1744.8	13.3	1.40%
245720_33		11.4483	0.243	0.483	0.009	0.1719	0.0011	2560.4	19.6	2540.3	38.9	2576.4	10.5	1.40%
245720_44		4.0572	0.0938	0.2888	0.0059	0.1019	0.0007	1645.7	18.7	1635.4	29.2	1659.1	13.3	1.40%
245720_104		1.5468	0.0492	0.1579	0.0045	0.0711	0.0007	949.2	19.4	944.9	25.2	959.3	19.6	1.50%
245720_86		5.2974	0.0704	0.3334	0.0037	0.1152	0.0005	1868.4	11.3	1854.9	18	1883.6	8.4	1.50%
245720_90		5.8858	0.0776	0.352	0.0039	0.1213	0.0006	1959.1	11.4	1944	18.6	1975.2	8.1	1.60%
245720_24		2.1621	0.1148	0.1975	0.0086	0.0794	0.0015	1169	36.2	1161.6	46	1182	37.1	1.70%
245720_91		0.5297	0.0092	0.069	0.0009	0.0557	0.0005	431.6	6.1	430.3	5.2	438.5	18.6	1.90%
245720_76		2.2591	0.0382	0.203	0.0029	0.0807	0.0006	1199.6	11.8	1191.5	15.3	1214.3	13.9	1.90%
245720_66		5.9728	0.1023	0.3538	0.0046	0.1224	0.0009	1971.9	14.8	1952.9	21.8	1991.9	12.5	2.00%
245720_105		1.7459	0.0311	0.1711	0.0023	0.074	0.0006	1025.7	11.4	1018.2	12.7	1041.8	15.4	2.30%

245720_61		5.8592	0.1096	0.3496	0.0052	0.1216	0.0008	1955.2	16.1	1932.5	25	1979.4	12.4	2.40%
245720_35		5.8956	0.1243	0.3505	0.0065	0.122	0.0008	1960.6	18.1	1937.2	30.8	1985.5	11	2.40%
245720_1		2.0971	0.0935	0.193	0.0067	0.0788	0.0014	1147.9	30.2	1137.6	35.9	1167	35.9	2.50%
245720_13		2.1129	0.0925	0.1938	0.0066	0.0791	0.0014	1153	29.7	1142	35.4	1173.5	34.7	2.70%
245720_98		2.2577	0.0412	0.2021	0.0027	0.081	0.0007	1199.2	12.8	1186.6	14.3	1222	17.4	2.90%
245720_71		1.5919	0.029	0.1603	0.0023	0.072	0.0005	967	11.3	958.3	12.8	986.9	14.2	2.90%
245720_101		5.3087	0.1039	0.3312	0.0052	0.1163	0.0009	1870.3	16.6	1844.1	25.3	1899.5	13.6	2.90%
245720_42		2.625	0.0568	0.2221	0.0042	0.0857	0.0006	1307.7	15.8	1292.8	21.9	1332.3	13.5	3.00%
245720_54		5.9404	0.1161	0.3508	0.0055	0.1228	0.0009	1967.2	16.8	1938.4	26.2	1997.6	12.8	3.00%
245720_9		12.9965	0.6636	0.5041	0.0217	0.1869	0.0033	2679.4	47	2631.4	92.3	2715.5	28.8	3.10%
245720_5		6.0121	0.2533	0.3526	0.0115	0.1237	0.002	1977.6	36	1946.8	54.7	2009.6	28.9	3.10%
245720_48		2.2892	0.0462	0.2036	0.0033	0.0815	0.0006	1208.9	14.2	1194.8	17.7	1234.3	14.7	3.20%
245720_41		5.9252	0.1296	0.3495	0.0067	0.123	0.0008	1964.9	18.8	1932.4	31.8	1999.5	11.8	3.40%
245720_19		5.9028	0.304	0.3484	0.0147	0.1229	0.0022	1961.6	43.8	1926.9	69.8	1998	31.7	3.60%
245720_95		4.4926	0.0728	0.302	0.0036	0.1079	0.0007	1729.6	13.4	1701.1	18	1764.4	12.5	3.60%
245720_56		5.8005	0.1172	0.3451	0.0057	0.1219	0.0009	1946.5	17.3	1911	27	1984.5	13.1	3.70%
245720_80		11.1611	0.2645	0.4698	0.0106	0.1723	0.0008	2536.7	21.8	2482.6	46.3	2580.3	7.8	3.80%
245720_29		5.6414	0.3057	0.3396	0.0153	0.1204	0.0023	1922.4	45.7	1884.7	73.1	1962.9	33	4.00%
245720_4		2.0792	0.0965	0.1905	0.0069	0.0791	0.0015	1142	31.3	1124.3	37.4	1175.3	37.2	4.30%
245720_84		5.8259	0.0755	0.3441	0.0038	0.1228	0.0005	1950.3	11.2	1906.4	18.1	1997.3	7.9	4.60%
245720_34		5.7302	0.1217	0.3412	0.0063	0.1218	0.0008	1935.9	18.2	1892.4	30.3	1982.9	11.3	4.60%
245720_67		3.6666	0.0633	0.2681	0.0035	0.0992	0.0007	1564.1	13.7	1531	17.8	1609.1	13.3	4.90%
245720_15		13.2901	0.5833	0.5022	0.0176	0.1919	0.0031	2700.5	40.6	2623.1	75.2	2758.6	26.4	4.90%
245720_83		5.755	0.0758	0.3408	0.0038	0.1225	0.0005	1939.7	11.3	1890.4	18.3	1992.8	7.8	5.10%
245720_82		0.5178	0.0075	0.0673	0.0008	0.0558	0.0004	423.6	5	420.1	4.6	443.1	14.4	5.20%
245720_70		5.6744	0.0982	0.3379	0.0045	0.1218	0.0008	1927.5	14.8	1876.4	21.7	1982.9	12.1	5.40%
245720_100		6.7302	0.1397	0.3678	0.0064	0.1327	0.001	2076.6	18.2	2019.2	29.9	2134.1	13.1	5.40%
245720_45		5.6211	0.1198	0.3353	0.0063	0.1216	0.0008	1919.3	18.2	1863.9	30.2	1979.9	11.1	5.90%
245720_62		2.1552	0.0387	0.1937	0.0026	0.0807	0.0006	1166.7	12.4	1141.4	14.1	1214	15.4	6.00%
245720_85		5.5939	0.0747	0.3338	0.0038	0.1216	0.0006	1915.2	11.4	1856.5	18.1	1979.3	8.4	6.20%
245720_69		5.6737	0.1012	0.3362	0.0047	0.1224	0.0008	1927.4	15.3	1868.1	22.7	1991.7	12.2	6.20%
245720_37		3.2058	0.0696	0.2461	0.0047	0.0945	0.0006	1458.6	16.7	1418.4	24	1517.8	12.6	6.50%
245720_14		4.9386	0.2763	0.3092	0.0148	0.1158	0.0023	1808.9	46.2	1737	72.3	1892.4	34.8	8.20%
245720_52		5.479	0.1077	0.3255	0.0052	0.1221	0.0009	1897.3	16.7	1816.7	25	1986.8	12.7	8.60%
245720_97		2.4868	0.043	0.2094	0.0026	0.0861	0.0007	1268.2	12.5	1225.7	14.1	1341.2	15.3	8.60%
245720_40		1.903	0.0412	0.1766	0.0034	0.0782	0.0005	1082.1	14.3	1048.3	18.4	1151	12.6	8.90%
245720_16		1.4297	0.0978	0.1456	0.0088	0.0712	0.0014	901.4	40.1	876.3	49.5	963	39.8	9.00%
245720_22		5.0262	0.2641	0.3091	0.0134	0.1179	0.0021	1823.7	43.6	1736.4	65.7	1924.5	32	9.80%
> 10% discordant														
245720_53		2.953	0.1736	0.2261	0.0129	0.0947	0.0008	1395.6	43.6	1313.8	67.7	1522.9	15.7	13.70%
245720_103		2.9648	0.063	0.2227	0.0039	0.0965	0.0008	1398.6	16	1296.3	20.7	1558.4	14.7	16.80%
245720_47		5.4175	0.2559	0.3042	0.0138	0.1292	0.001	1887.6	39.7	1711.9	68	2086.9	14.2	18.00%
245720_57		4.732	0.2744	0.2815	0.0159	0.1219	0.001	1772.9	47.5	1599.1	79.5	1984.3	14.3	19.40%
245720_99		2.9535	0.0473	0.2177	0.0025	0.0984	0.0007	1395.7	12.1	1269.6	13.5	1594.2	12.8	20.40%
245720_102		4.1721	0.0837	0.257	0.0042	0.1177	0.0009	1668.6	16.3	1474.4	21.7	1922.4	13.4	23.30%
245720_68		3.303	0.0599	0.2263	0.0031	0.1059	0.0008	1481.8	14	1315.1	16.5	1729.2	13.8	23.90%
245720_64		3.9752	0.0739	0.1965	0.0029	0.1468	0.0011	1629.1	15	1156.2	15.5	2308.5	12.5	49.90%

245720_55		3.2644	0.0687	0.269	0.0045	0.088	0.0007	1472.6	16.2	1535.9	23	1382.7	15.8	-11.10%
245720_43		11.978	0.3411	0.5329	0.013	0.163	0.0018	2602.7	26.3	2753.6	54.4	2487.3	18.2	-10.70%
245720_46		4.0517	0.0777	0.2747	0.0042	0.107	0.0008	1644.7	15.5	1564.5	21	1748.7	13.4	10.50%
245720_96		5.1098	0.083	0.3069	0.0037	0.1207	0.0008	1837.7	13.7	1725.6	18.2	1967.3	12.2	12.30%

#### Isotopic Ratios

Grain #	207Pb/235U ±		206Pb/238U ±		207Pb/206Pb ±		207Pb/235U ±		206Pb/238U ±		207Pb/206Pb ±		% Disc	
							(Ma)						(Ma)	
Sample: Strathcona Fiord-2 (SF-2) C-174904														
< 10% discordant														
174904_39	0.4879	0.0115	0.0655	0.0008	0.054	0.0007	403.5	7.8	409	4.7	372	30.3	-9.90%	
174904_2	1.6378	0.0392	0.1686	0.0031	0.0705	0.0007	984.9	15	1004.1	17.1	942.2	19.6	-6.60%	
174904_27	2.146	0.061	0.2024	0.0037	0.0769	0.0012	1163.8	19.5	1188.3	19.7	1118.5	30	-6.20%	
174904_109	4.0419	0.0671	0.2989	0.0032	0.0981	0.0009	1642.7	13.4	1685.9	15.7	1587.9	16.4	-6.20%	
174904_4	4.5437	0.1088	0.3192	0.0059	0.1032	0.001	1739	19.7	1786.1	28.7	1682.9	17.7	-6.10%	
174904_89	1.9446	0.0324	0.1893	0.0021	0.0745	0.0007	1096.6	11.1	1117.4	11.5	1055.7	17.6	-5.80%	
174904_13	13.8316	0.3077	0.5505	0.009	0.1822	0.0017	2738.2	20.9	2827.3	37.2	2673.3	15.5	-5.80%	
174904_35	4.761	0.1043	0.3267	0.0037	0.1057	0.0012	1778.1	18.2	1822.4	18.1	1726.5	21.3	-5.60%	
174904_18	4.8052	0.107	0.3279	0.0054	0.1063	0.001	1785.8	18.5	1828.1	26	1736.9	17	-5.30%	
174904_37	2.9778	0.0638	0.2476	0.0025	0.0872	0.001	1402	16.2	1425.9	13.1	1365.9	22.6	-4.40%	
174904_24	1.8196	0.0406	0.1799	0.0028	0.0734	0.0008	1052.5	14.5	1066.2	15.4	1024.4	20.6	-4.10%	
174904_49	2.8812	0.0611	0.2417	0.003	0.0865	0.001	1377	15.9	1395.5	15.4	1348.6	21.2	-3.50%	
174904_77	1.9231	0.0382	0.1863	0.0029	0.0749	0.0006	1089.1	13.2	1101.1	15.6	1065.3	17.1	-3.40%	
174904_44	1.4752	0.0362	0.1548	0.0027	0.0691	0.0008	920.3	14.8	927.9	14.8	902.2	23	-2.80%	
174904_75	1.5147	0.0311	0.1577	0.0025	0.0697	0.0007	936.4	12.5	944	13.7	918.6	19.4	-2.80%	
174904_15	3.4782	0.0783	0.2698	0.0044	0.0935	0.0009	1522.3	17.6	1539.6	22.5	1498.4	18.1	-2.80%	
174904_53	5.4747	0.1101	0.3471	0.0038	0.1144	0.0012	1896.6	17.1	1920.5	18.1	1870.7	19.1	-2.70%	
174904_6	1.8375	0.0444	0.1801	0.0034	0.074	0.0007	1059	15.8	1067.8	18.3	1040.9	19.7	-2.60%	
174904_26	4.0369	0.0844	0.2936	0.0028	0.0997	0.0012	1641.7	16.9	1659.6	14	1618.8	21.4	-2.50%	
174904_8	2.7589	0.0656	0.2343	0.0043	0.0854	0.0008	1344.5	17.6	1357	22.6	1324.6	17.9	-2.40%	
174904_76	2.0935	0.0404	0.1964	0.003	0.0773	0.0006	1146.7	13.2	1155.7	16.1	1129.8	15.2	-2.30%	
174904_45	4.0754	0.0833	0.2949	0.0034	0.1002	0.0011	1649.4	16.5	1665.9	16.8	1628.6	19.7	-2.30%	
174904_31	3.639	0.1071	0.2762	0.0062	0.0956	0.0011	1558.1	23.2	1572	31.2	1539.3	22.2	-2.10%	
174904_111	4.001	0.0638	0.2915	0.0029	0.0995	0.0008	1634.4	12.9	1649.2	14.5	1615.4	15.6	-2.10%	
174904_21	4.1562	0.0918	0.2978	0.0047	0.1012	0.001	1665.4	17.9	1680.6	23.5	1646.4	17.7	-2.10%	
174904_34	2.3198	0.0507	0.2097	0.0024	0.0802	0.0009	1218.4	15.4	1227.1	12.7	1203.1	22.7	-2.00%	
174904_23	1.7407	0.0384	0.1733	0.0027	0.0729	0.0007	1023.7	14.1	1030.1	15.1	1010.1	19.6	-2.00%	
174904_68	2.0336	0.0384	0.1924	0.0018	0.0767	0.0008	1126.8	12.8	1134.1	9.6	1112.8	21.4	-1.90%	
174904_50	1.9347	0.0396	0.1861	0.0021	0.0754	0.0008	1093.2	13.6	1100.1	11.2	1079.6	21.9	-1.90%	
174904_80	3.4753	0.0666	0.2686	0.0041	0.0938	0.0007	1521.6	15	1533.6	20.6	1505.1	14.4	-1.90%	
174904_65	1.587	0.0296	0.1625	0.0015	0.0709	0.0007	965.1	11.6	970.5	8.3	953.1	21.3	-1.80%	
174904_55	5.0159	0.1026	0.3298	0.0037	0.1103	0.0012	1822	17.2	1837.3	18	1804.8	19.6	-1.80%	
174904_1	2.7615	0.0686	0.2338	0.0045	0.0857	0.0009	1345.2	18.4	1354.3	23.4	1330.7	19.7	-1.80%	
174904_93	5.0224	0.0722	0.3296	0.003	0.1105	0.0008	1823.1	12.1	1836.3	14.5	1808.2	13.5	-1.60%	
174904_42	2.7817	0.0579	0.2346	0.0027	0.086	0.001	1350.6	15.4	1358.5	14.1	1338.4	21.4	-1.50%	
174904_59	3.7072	0.0684	0.2781	0.0025	0.0967	0.001	1572.9	14.6	1581.8	12.8	1561.1	19	-1.30%	
174904_52	2.2712	0.0462	0.2063	0.0023	0.0799	0.0009	1203.4	14.2	1209	12	1193.6	21.5	-1.30%	
174904_16	6.1098	0.1394	0.3646	0.0062	0.1216	0.0012	1991.6	19.7	2003.8	29.2	1979.2	16.8	-1.20%	

174904_22	3.43	0.0778	0.2656	0.0044	0.0937	0.0009	1511.3	17.7	1518.4	22.3	1501.5	18.6	-1.10%
174904_40	3.4313	0.0767	0.2656	0.0029	0.0937	0.0012	1511.6	17.4	1518.5	14.8	1502	23.7	-1.10%
174904_19	0.5537	0.0125	0.072	0.0011	0.0558	0.0006	447.4	8.1	448.2	6.9	443.6	23	-1.00%
174904_64	1.77	0.0329	0.1746	0.0016	0.0735	0.0008	1034.5	12	1037.3	8.6	1028.7	21.1	-0.80%
174904_9	1.5619	0.0377	0.1601	0.0029	0.0707	0.0007	955.2	14.8	957.6	16.4	949.8	20.3	-0.80%
174904_56	3.1365	0.0582	0.2513	0.0023	0.0905	0.0009	1441.7	14.2	1445.3	11.9	1436.4	19.7	-0.60%
174904_14	0.4709	0.0108	0.0627	0.001	0.0545	0.0006	391.8	7.4	392.1	6.1	390.2	24.3	-0.50%
174904_48	2.3258	0.0528	0.2085	0.0028	0.0809	0.001	1220.2	16	1220.9	15	1219.1	23.7	-0.20%
174904_107	5.8423	0.097	0.3541	0.004	0.1197	0.001	1952.7	14.3	1954	19	1951.4	14.5	-0.10%
174904_96	3.3168	0.047	0.2592	0.0022	0.0928	0.0007	1485	11	1485.5	11.3	1484.4	14.5	-0.10%
174904_41	3.1832	0.0655	0.2526	0.0028	0.0914	0.001	1453.1	15.8	1451.9	14.6	1454.9	20.8	0.20%
174904_92	3.182	0.0464	0.2525	0.0023	0.0914	0.0007	1452.8	11.2	1451.6	11.7	1454.7	14.9	0.20%
174904_5	5.3463	0.1302	0.3374	0.0064	0.1149	0.0011	1876.3	20.6	1874	30.8	1878.8	17.3	0.30%
174904_58	2.1957	0.041	0.2006	0.0019	0.0794	0.0008	1179.7	12.9	1178.4	10.2	1182.1	20.3	0.30%
174904_29	2.9367	0.0729	0.2405	0.0039	0.0886	0.001	1391.4	18.6	1389.4	20.3	1394.6	22.2	0.40%
174904_20	5.2609	0.1156	0.3342	0.0053	0.1142	0.0011	1862.5	18.6	1858.9	25.4	1866.7	17.2	0.40%
174904_113	1.8324	0.0312	0.1779	0.0019	0.0747	0.0007	1057.1	11.1	1055.6	10.3	1060.3	18.9	0.40%
174904_82	5.351	0.1047	0.3372	0.0052	0.1151	0.0009	1877	16.6	1873.1	25.2	1881.5	13.8	0.40%
174904_99	3.6148	0.0505	0.2717	0.0023	0.0965	0.0007	1552.8	11.1	1549.4	11.8	1557.6	13.8	0.50%
174904_97	4.0286	0.0677	0.2888	0.0033	0.1012	0.0009	1640	13.6	1635.4	16.5	1646	16.2	0.60%
174904_78	6.3201	0.1236	0.3666	0.0057	0.125	0.001	2021.2	17	2013.4	26.7	2029.3	13.9	0.80%
174904_51	1.8553	0.0383	0.1791	0.002	0.0751	0.0008	1065.3	13.5	1061.9	11.1	1072.5	22	1.00%
174904_114	2.101	0.0336	0.1944	0.0019	0.0784	0.0007	1149.1	11	1145.1	10.5	1156.9	16.8	1.00%
174904_81	4.0893	0.1039	0.2906	0.0061	0.1021	0.0011	1652.2	20.5	1644.3	30.3	1662.2	19.6	1.10%
174904_110	5.9278	0.0992	0.3542	0.0039	0.1214	0.001	1965.3	14.4	1954.5	18.6	1976.8	15.2	1.10%
174904_38	3.9441	0.0944	0.2845	0.0038	0.1005	0.0013	1622.8	19.2	1614	18.9	1634.3	24.2	1.20%
174904_67	13.078	0.242	0.5121	0.0048	0.1852	0.0019	2685.3	17.3	2665.4	20.5	2700.4	16.6	1.30%
174904_12	1.8679	0.0549	0.1796	0.0038	0.0754	0.0011	1069.8	19.2	1064.9	21	1079.9	29.4	1.40%
174904_90	2.6352	0.039	0.224	0.0021	0.0853	0.0007	1310.5	10.8	1303.2	11.1	1322.6	15	1.50%
174904_60	4.0534	0.0794	0.2883	0.003	0.102	0.0011	1645	15.8	1633.2	15.2	1660.2	19.9	1.60%
174904_28	2.6637	0.0575	0.2253	0.0024	0.0857	0.001	1318.5	15.8	1309.9	12.7	1332.4	22.4	1.70%
174904_46	5.8512	0.1207	0.3503	0.004	0.1211	0.0013	1954	17.7	1936.2	19.3	1973.1	19.2	1.90%
174904_83	2.6255	0.0548	0.2231	0.0037	0.0853	0.0007	1307.8	15.2	1298.4	19.5	1323.3	16.8	1.90%
174904_3	3.9542	0.0939	0.284	0.0052	0.101	0.0009	1624.8	19.1	1611.3	26.2	1642.4	17.2	1.90%
174904_66	3.0701	0.0586	0.2453	0.0024	0.0908	0.001	1425.3	14.5	1414.1	12.4	1442	20.2	1.90%
174904_62	1.6896	0.032	0.1675	0.0015	0.0732	0.0008	1004.6	12	998.1	8.5	1018.8	21.9	2.00%
174904_47	1.8911	0.0401	0.1806	0.0022	0.076	0.0008	1078	14	1070.2	12.2	1093.9	21.9	2.20%
174904_11	14.629	0.3198	0.5331	0.0085	0.1991	0.0019	2791.4	20.6	2754.3	35.5	2818.4	15.1	2.30%
174904_108	10.8024	0.1685	0.4671	0.0046	0.1677	0.0013	2506.3	14.4	2471	20.3	2535	13.3	2.50%
174904_106	5.1719	0.0802	0.3274	0.0032	0.1146	0.0009	1848	13.1	1825.7	15.6	1873.3	14.1	2.50%
174904_102	0.9139	0.0166	0.107	0.0012	0.0619	0.0006	659.1	8.8	655.3	7.2	672.4	21.6	2.50%
174904_70	12.7709	0.2479	0.5023	0.0054	0.1844	0.0019	2662.9	18.1	2623.5	23.3	2693	17	2.60%
174904_112	5.909	0.0964	0.3505	0.0038	0.1223	0.001	1962.6	14.1	1937	17.9	1989.7	14.6	2.70%
174904_100	2.6968	0.0436	0.226	0.0023	0.0865	0.0008	1327.6	11.9	1313.6	12.3	1350.4	17.2	2.70%
174904_88	1.8648	0.0298	0.1785	0.0017	0.0758	0.0007	1068.7	10.5	1058.7	9.5	1089.1	18.4	2.80%
174904_71	1.7026	0.0342	0.1679	0.0027	0.0736	0.0006	1009.5	12.8	1000.3	14.6	1029.6	16.8	2.80%
174904_25	12.3554	0.2739	0.4919	0.008	0.1822	0.0017	2631.8	20.6	2578.8	34.3	2672.9	15.5	3.50%

174904_115	4.2267	0.0663	0.2921	0.0029	0.105	0.0008	1679.2	12.8	1651.9	14.4	1713.6	14.8	3.60%
174904_85	2.9577	0.0584	0.238	0.0037	0.0902	0.0007	1396.8	14.9	1376.1	19.4	1428.7	14.9	3.70%
174904_101	1.4821	0.0238	0.152	0.0015	0.0707	0.0006	923.1	9.7	912.4	8.6	948.7	17.2	3.80%
174904_61	3.1669	0.0658	0.2476	0.0032	0.0928	0.001	1449.1	15.9	1426.1	16.4	1483.1	19.9	3.80%
174904_32	0.6286	0.014	0.0793	0.0008	0.0575	0.0007	495.2	8.7	491.7	5	512	27.9	4.00%
174904_79	3.5693	0.0713	0.2647	0.0041	0.0978	0.0009	1542.7	15.7	1513.8	20.7	1582.7	16.3	4.40%
174904_95	3.9073	0.0562	0.2783	0.0026	0.1018	0.0007	1615.2	11.6	1582.7	13	1657.9	13.4	4.50%
174904_73	13.5245	0.2644	0.5053	0.0079	0.1941	0.0015	2717	18.3	2636.4	33.7	2777.5	12.4	5.10%
174904_86	4.262	0.0659	0.2894	0.0028	0.1068	0.0009	1686	12.6	1638.6	13.9	1745.7	15.7	6.10%
174904_91	3.0517	0.0435	0.2395	0.0022	0.0924	0.0007	1420.6	10.8	1384.1	11.3	1475.9	13.8	6.20%
174904_33	2.2029	0.0538	0.1956	0.003	0.0817	0.001	1182	16.9	1151.6	16.1	1238	23.5	7.00%
174904_87	0.4984	0.0079	0.065	0.0006	0.0556	0.0005	410.6	5.4	405.9	3.8	437.4	20.4	7.20%
174904_7	2.1826	0.0566	0.1938	0.0039	0.0817	0.0009	1175.5	17.9	1141.9	21.2	1238	20.8	7.80%
174904_57	3.117	0.0641	0.2395	0.0031	0.0944	0.001	1436.9	15.7	1384	16	1516.1	19.2	8.70%
174904_98	12.9607	0.1868	0.4784	0.0044	0.1965	0.0014	2676.8	13.5	2520.2	19.3	2797.4	11.9	9.90%
> 10% discordant													
174904_36	4.7465	0.1023	0.2904	0.0032	0.1186	0.0014	1775.5	17.9	1643.4	15.7	1934.6	20.6	15.00%
174904_74	0.6093	0.0147	0.0751	0.0015	0.0588	0.0006	483.1	9.3	466.9	8.9	560.8	21.6	16.70%
174904_30	1.2484	0.0353	0.1276	0.0027	0.071	0.0008	822.7	15.8	774.2	15.3	956.1	24	19.00%
174904_105	2.0959	0.0368	0.1748	0.0021	0.087	0.0008	1147.4	12	1038.4	11.6	1360	16.7	23.60%
174904_17	2.4552	0.0539	0.1912	0.003	0.0931	0.0009	1259	15.7	1127.9	16.4	1490.6	17.7	24.30%
174904_43	6.1843	0.1444	0.3051	0.0049	0.147	0.0016	2002.2	20.2	1716.4	24	2311.7	18.2	25.80%
174904_94	0.4228	0.0067	0.0537	0.0006	0.0571	0.0005	358.1	4.8	337.3	3.5	494.9	18	31.80%
174904_63	1.4138	0.0305	0.1243	0.0016	0.0825	0.001	894.8	12.7	755.3	9.1	1257.4	22.9	39.90%
174904_69	2.0289	0.1307	0.1382	0.0086	0.1065	0.0011	1125.3	42.9	834.7	48.4	1739.6	19.3	52.00%
174904_72	0.5247	0.0122	0.0583	0.0011	0.0653	0.0006	428.3	8.1	365	6.7	785	19.7	53.50%
174904_103	1.8285	0.083	0.1135	0.005	0.1168	0.001	1055.7	29.4	693	28.6	1908.5	15.1	63.70%
174904_54	23.6145	0.9843	0.2583	0.0094	0.6632	0.009	3252.6	39.8	1481	48.1	4653	19.4	68.20%
174904_10	15.0213	0.3654	0.5921	0.0114	0.184	0.0017	2816.6	22.9	2998.1	46	2689.1	15.1	-11.50%
174904_104	5.0493	0.085	0.3087	0.0037	0.1186	0.0009	1827.6	14.2	1734.3	18.1	1935.8	13.9	10.40%
174904_84	3.1503	0.0648	0.2371	0.004	0.0963	0.0008	1445.1	15.7	1371.8	20.6	1554.6	14.7	11.80%

#### Isotopic Ratios

Grain #	207Pb/235U		206Pb/238U		207Pb/206Pb		Apparent Ages						
	±	(Ma)	±	(Ma)	±	(Ma)	±	(Ma)	±	(Ma)	±	(Ma)	
Sample: Hecla Bay-1 (HB-1) C-245739													
< 10% discordant													
245739_115	0.5083	0.0098	0.0676	0.0009	0.0545	0.0006	417.3	6.6	421.7	5.4	393.4	23	-7.20%
245739_98	1.8807	0.0373	0.1846	0.0025	0.0739	0.0007	1074.3	13.1	1092.3	13.4	1038.1	18.8	-5.20%
245739_63	2.0488	0.0534	0.1955	0.0038	0.076	0.0008	1131.9	17.6	1150.9	20.6	1095.7	21.6	-5.00%
245739_102	15.9013	0.3698	0.5742	0.0106	0.2008	0.0018	2870.9	22	2925.1	43.2	2833.1	14.2	-3.20%
245739_109	5.4388	0.0972	0.3454	0.0046	0.1142	0.0009	1891	15.2	1912.6	22.1	1867.4	14	-2.40%
245739_7	1.7922	0.0262	0.1769	0.0022	0.0735	0.0004	1042.6	9.5	1050.2	12	1026.9	11.1	-2.30%
245739_106	13.6584	0.2388	0.5333	0.0073	0.1857	0.0013	2726.3	16.4	2755.4	30.4	2704.9	11.2	-1.90%
245739_16	1.8166	0.0594	0.1783	0.0048	0.0739	0.001	1051.5	21.2	1057.5	26.3	1039	27.5	-1.80%
245739_104	6.8309	0.1307	0.3868	0.0049	0.1281	0.0011	2089.7	16.8	2108.1	23	2071.8	15.5	-1.80%
245739_101	2.227	0.0422	0.2039	0.0025	0.0792	0.0007	1189.6	13.2	1196.3	13.3	1177.5	18	-1.60%
245739_103	2.0567	0.0415	0.1935	0.0025	0.0771	0.0008	1134.5	13.7	1140.3	13.3	1123.7	20.9	-1.50%

245739_17		6.2443	0.1221	0.368	0.0054	0.1231	0.001	2010.7	17	2019.8	25.3	2001.4	14.1	-0.90%
245739_54		3.3432	0.0536	0.2612	0.0028	0.0928	0.0007	1491.2	12.5	1496	14.4	1484.5	14.1	-0.80%
245739_11		4.0786	0.0615	0.2928	0.0038	0.101	0.0005	1650	12.2	1655.3	19	1643.4	10	-0.70%
245739_112		1.9966	0.0366	0.1892	0.0026	0.0766	0.0006	1114.3	12.3	1116.8	13.9	1109.6	16.7	-0.60%
245739_15		14.361	0.1812	0.5401	0.0059	0.1929	0.0008	2773.9	11.9	2783.8	24.8	2766.7	6.4	-0.60%
245739_57		1.5702	0.026	0.1606	0.0016	0.0709	0.0006	958.5	10.2	960	9.1	955.2	17.9	-0.50%
245739_111		1.8775	0.0331	0.1814	0.0024	0.075	0.0006	1073.2	11.6	1074.9	12.8	1069.8	15.9	-0.50%
245739_10		2.3	0.0311	0.2069	0.0024	0.0806	0.0004	1212.3	9.5	1212.5	12.8	1212	9.4	0.00%
245739_43		2.8505	0.0412	0.2366	0.0027	0.0874	0.0005	1368.9	10.8	1369.2	14	1368.6	11.1	0.00%
245739_100		3.5397	0.0669	0.269	0.0033	0.0955	0.0009	1536.1	14.9	1535.5	16.7	1537	17	0.10%
245739_51		5.4599	0.0861	0.341	0.0035	0.1161	0.0009	1894.3	13.4	1891.3	16.6	1897.8	13.8	0.30%
245739_105		2.0084	0.0377	0.189	0.0023	0.0771	0.0007	1118.4	12.6	1116.1	12.5	1122.7	17.6	0.60%
245739_9		1.8918	0.0294	0.1816	0.0023	0.0755	0.0005	1078.2	10.3	1075.9	12.7	1083.1	13.1	0.70%
245739_4		13.6002	0.2393	0.5229	0.0083	0.1887	0.001	2722.3	16.5	2711.3	35.2	2730.6	8.5	0.70%
245739_74		2.9932	0.0559	0.2429	0.002	0.0894	0.0009	1405.9	14.1	1401.8	10.1	1412.3	19.8	0.70%
245739_6		14.0588	0.217	0.5301	0.0072	0.1924	0.001	2753.7	14.5	2741.8	30.4	2762.5	8.2	0.70%
245739_23		0.9882	0.0208	0.1141	0.0018	0.0628	0.0006	697.8	10.6	696.4	10.5	702.6	19.1	0.90%
245739_53		5.353	0.0896	0.3362	0.0038	0.1155	0.0009	1877.4	14.2	1868.5	18.3	1887.4	14.4	1.00%
245739_88		6.0045	0.1338	0.3567	0.0051	0.1221	0.0013	1976.5	19.2	1966.3	24.1	1987.2	18.9	1.10%
245739_62		2.1886	0.041	0.1996	0.0017	0.0795	0.0008	1177.4	13	1172.9	9	1185.8	20.2	1.10%
245739_2		11.7676	0.1706	0.4897	0.0064	0.1743	0.0007	2586.1	13.5	2569.3	27.5	2599.4	6.9	1.20%
245739_20		34.3798	0.712	0.746	0.0121	0.3343	0.0027	3621	20.2	3592.7	44.4	3636.8	12.2	1.20%
245739_33		5.9997	0.0863	0.3562	0.004	0.1222	0.0007	1975.8	12.4	1964	18.9	1988.2	10.4	1.20%
245739_14		5.7523	0.0745	0.3486	0.004	0.1197	0.0005	1939.3	11.1	1927.7	18.9	1951.7	7.1	1.20%
245739_1		1.7666	0.0246	0.173	0.002	0.074	0.0004	1033.3	9	1028.8	11.2	1042.7	10.6	1.30%
245739_58		1.8192	0.0374	0.1764	0.0025	0.0748	0.0008	1052.4	13.4	1047.4	13.6	1062.9	21.6	1.50%
245739_34		3.3003	0.0522	0.2565	0.0031	0.0933	0.0007	1481.1	12.2	1471.8	16	1494.6	13.3	1.50%
245739_30		1.9888	0.0385	0.1871	0.0026	0.0771	0.0006	1111.7	13	1105.9	14.3	1123.2	16.6	1.50%
245739_46		4.5141	0.088	0.3059	0.0042	0.107	0.001	1733.6	16.1	1720.3	20.7	1749.7	17.5	1.70%
245739_39		14.7693	0.2138	0.5364	0.0062	0.1997	0.0011	2800.5	13.7	2768.5	25.9	2823.7	9	2.00%
245739_44		5.8225	0.0818	0.3492	0.0038	0.1209	0.0007	1949.8	12.1	1931	18.3	1969.9	9.8	2.00%
245739_48		0.7174	0.0114	0.0886	0.0008	0.0588	0.0005	549.1	6.7	547	4.8	558.2	18.9	2.00%
245739_60		3.2538	0.0564	0.2538	0.003	0.093	0.0008	1470.1	13.4	1457.9	15.6	1487.8	15.6	2.00%
245739_93		13.5989	0.2653	0.5164	0.0069	0.191	0.0017	2722.2	18.3	2683.9	29.4	2750.8	14.3	2.40%
245739_52		14.4915	0.2288	0.5303	0.0056	0.1982	0.0015	2782.4	14.9	2742.6	23.5	2811.6	12	2.50%
245739_12		2.6147	0.0399	0.2219	0.0029	0.0855	0.0005	1304.8	11.1	1292.1	15.1	1325.8	11.5	2.50%
245739_13		4.6984	0.0658	0.3109	0.0038	0.1096	0.0005	1766.9	11.7	1745.3	18.5	1792.7	8.6	2.60%
245739_22		6.3228	0.1363	0.3626	0.0062	0.1265	0.0011	2021.6	18.7	1994.7	29.1	2049.4	14.6	2.70%
245739_75		5.9588	0.1111	0.3516	0.003	0.1229	0.0012	1969.8	16.1	1942.4	14.2	1998.9	17.9	2.80%
245739_73		5.9697	0.118	0.3519	0.0036	0.123	0.0013	1971.4	17.1	1943.7	17	2000.8	18.6	2.90%
245739_28		11.3644	0.2208	0.4763	0.0069	0.1731	0.0014	2553.5	18	2511.2	30	2587.4	13.3	2.90%
245739_29		4.6033	0.0889	0.3067	0.0044	0.1089	0.0009	1749.9	16	1724.6	21.6	1780.3	14.5	3.10%
245739_107		0.6694	0.0114	0.0835	0.001	0.0581	0.0004	520.4	6.9	517.1	6.2	534.6	16.4	3.30%
245739_47		3.256	0.0556	0.2522	0.0029	0.0936	0.0008	1470.6	13.2	1449.7	14.9	1501	15.7	3.40%
245739_25		3.1935	0.0632	0.2493	0.0037	0.0929	0.0008	1455.6	15.2	1435	19	1486	15.6	3.40%
245739_70		3.2385	0.06	0.2513	0.002	0.0935	0.001	1466.4	14.3	1444.9	10.3	1497.8	19.3	3.50%
245739_85		1.749	0.0403	0.1705	0.0025	0.0744	0.0009	1026.8	14.8	1014.6	13.6	1052.9	23.2	3.60%

245739_108		2.4384	0.0447	0.2113	0.0029	0.0837	0.0007	1254	13.1	1235.8	15.6	1285.4	15.4	3.90%
245739_5		1.9121	0.029	0.1807	0.0023	0.0767	0.0005	1085.3	10	1070.8	12.6	1114.7	11.8	3.90%
245739_65		1.8315	0.0368	0.1755	0.0018	0.0757	0.0008	1056.8	13.1	1042.5	9.8	1086.7	21.8	4.10%
245739_68		3.2789	0.0613	0.2523	0.0021	0.0943	0.001	1476.1	14.4	1450.2	10.9	1513.6	19.2	4.20%
245739_26		2.19	0.0556	0.1969	0.0038	0.0807	0.0009	1177.9	17.6	1158.4	20.7	1214	22.5	4.60%
245739_79		2.2391	0.0505	0.1995	0.0029	0.0814	0.0009	1193.4	15.7	1172.8	15.5	1231	21.3	4.70%
245739_87		5.7742	0.1215	0.3421	0.0043	0.1224	0.0013	1942.6	18	1896.6	20.5	1992	18.4	4.80%
245739_67		5.7317	0.111	0.3405	0.0032	0.1221	0.0013	1936.2	16.6	1888.9	15.2	1987.3	18.7	5.00%
245739_72		2.3808	0.0455	0.2072	0.0018	0.0833	0.0009	1236.9	13.6	1213.9	9.8	1277.2	20.3	5.00%
245739_32		4.5486	0.0698	0.3016	0.0036	0.1094	0.0007	1739.9	12.7	1699	18	1789.4	11.6	5.10%
245739_3		12.7439	0.1836	0.4895	0.0062	0.1888	0.0009	2660.9	13.5	2568.5	26.8	2732	7.6	6.00%
245739_83		0.5185	0.0118	0.0673	0.0009	0.0559	0.0006	424.2	7.9	420	5.7	447.1	25.4	6.10%
245739_86		5.7281	0.1284	0.3378	0.0049	0.123	0.0013	1935.6	19.2	1876	23.7	2000	18.7	6.20%
245739_31		6.244	0.087	0.3524	0.0038	0.1285	0.0007	2010.6	12.1	1945.8	18.3	2077.9	9.6	6.40%
245739_18		1.8622	0.0383	0.1755	0.0027	0.077	0.0007	1067.8	13.5	1042.4	15	1120.2	16.8	6.90%
245739_45		5.5134	0.0802	0.3295	0.0038	0.1214	0.0007	1902.7	12.4	1836.1	18.2	1976.2	10.4	7.10%
245739_95		1.9367	0.0388	0.1798	0.0024	0.0781	0.0008	1093.8	13.3	1066.1	12.8	1149.6	19.7	7.30%
245739_8		10.5859	0.1506	0.4475	0.0056	0.1716	0.0008	2487.5	13.1	2384.2	25	2573	7.5	7.30%
245739_69		2.705	0.0611	0.2217	0.0032	0.0885	0.001	1329.8	16.6	1290.8	16.7	1393.4	21.2	7.40%
245739_96		1.9157	0.0426	0.1782	0.0027	0.078	0.0008	1086.6	14.7	1057.2	15	1146.1	21.4	7.80%
245739_55		8.3472	0.1764	0.4007	0.0066	0.1511	0.0013	2269.5	19	2172.2	30.5	2358.4	15.1	7.90%
245739_37		1.6061	0.0237	0.1584	0.0018	0.0736	0.0005	972.6	9.2	947.7	10.1	1029.4	12.6	7.90%
245739_19		3.8612	0.074	0.2714	0.0038	0.1032	0.0008	1605.6	15.3	1547.9	19.2	1682.3	14.9	8.00%
245739_82		9.9051	0.2093	0.4324	0.0055	0.1662	0.0017	2426	19.3	2316.5	24.9	2519.2	17.2	8.00%
245739_114		11.2979	0.2039	0.457	0.0062	0.1793	0.0014	2548	16.7	2426.4	27.5	2646.4	12.8	8.30%
245739_64		2.4419	0.0579	0.2073	0.0032	0.0855	0.001	1255	16.9	1214.3	16.9	1325.8	22.8	8.40%
245739_38		1.4994	0.0272	0.1504	0.0021	0.0723	0.0006	930.2	11	903.3	11.7	994.5	17.5	9.20%
245739_78		2.5991	0.0626	0.2143	0.0036	0.088	0.001	1300.4	17.5	1251.6	18.8	1381.9	21.2	9.40%
245739_84		5.3465	0.1164	0.3191	0.0044	0.1215	0.0013	1876.3	18.5	1785.1	21.2	1979	18.6	9.80%
245739_89		4.1791	0.0894	0.2801	0.0037	0.1082	0.0011	1669.9	17.4	1591.7	18.5	1769.4	18.8	10.00%
245739_41		3.7937	0.0875	0.2695	0.0056	0.1021	0.0007	1591.4	18.4	1538.3	28.4	1662.8	11.6	7.50%
> 10% discordant														
245739_50		0.5165	0.0088	0.0694	0.0007	0.054	0.0005	422.8	5.9	432.6	4.1	370.1	22	-16.90%
245739_113		5.8427	0.1013	0.3263	0.0043	0.1299	0.0009	1952.8	14.9	1820.3	20.9	2096.4	12.4	13.20%
245739_77		0.699	0.017	0.0843	0.0013	0.0601	0.0008	538.2	10.1	521.8	7.6	608.5	27.2	14.20%
245739_40		9.7068	0.1454	0.4046	0.0049	0.174	0.001	2407.3	13.7	2190.3	22.4	2596.5	9.4	15.60%
245739_24		1.566	0.0326	0.151	0.0024	0.0752	0.0007	956.8	12.8	906.5	13.3	1074.7	17.5	15.70%
245739_27		3.4409	0.0706	0.2417	0.0037	0.1033	0.0009	1513.8	16	1395.5	19.4	1683.5	15.7	17.10%
245739_90		0.53	0.0119	0.067	0.0009	0.0574	0.0007	431.8	7.9	417.8	5.2	507.2	26.4	17.60%
245739_99		1.6306	0.0333	0.1522	0.0021	0.0777	0.0008	982.1	12.8	913	11.6	1140	19.7	19.90%
245739_49		9.8391	0.164	0.3836	0.0045	0.186	0.0014	2419.8	15.3	2093.3	21.1	2707.2	12.1	22.70%
245739_81		8.6223	0.2088	0.3559	0.0058	0.1757	0.002	2298.9	21.8	1962.8	27.4	2612.7	19.2	24.90%
245739_110		2.5727	0.1171	0.1947	0.0079	0.0958	0.0016	1292.9	32.7	1146.7	42.3	1544.8	31.1	25.80%
245739_59		3.4924	0.0643	0.2243	0.0032	0.1129	0.0008	1525.5	14.4	1304.7	16.6	1846.9	13.5	29.40%
245739_56		5.5287	0.2021	0.2781	0.004	0.1442	0.004	1905.1	31	1581.5	20.3	2278.5	46.9	30.60%
245739_76		3.1919	0.0712	0.2029	0.0029	0.1141	0.0012	1455.2	17.1	1191	15.6	1865.5	19	36.20%
245739_80		2.9846	0.0659	0.1882	0.0026	0.115	0.0013	1403.7	16.7	1111.7	13.9	1880	19.7	40.90%

245739_66	1.5271	0.0338	0.1286	0.0018	0.0862	0.001	941.3	13.5	779.6	10	1341.7	21.2	41.90%
245739_36	2.4412	0.0862	0.1659	0.0057	0.1067	0.0006	1254.8	25.1	989.3	31.4	1744.5	10.7	43.30%
245739_91	0.4867	0.0189	0.0563	0.002	0.0627	0.0007	402.6	12.9	352.8	12.2	699.6	22.7	49.60%
245739_21	0.7862	0.029	0.0725	0.0023	0.0786	0.0012	589	16.3	451.3	13.6	1163.3	29	61.20%
245739_71	0.3805	0.0095	0.0384	0.0007	0.0719	0.0008	327.4	6.9	242.8	4.1	983.3	23.7	75.30%
245739_42	4.529	0.0663	0.2905	0.0034	0.1131	0.0006	1736.3	12.1	1644.2	16.9	1849.3	10.2	11.10%
245739_94	0.4966	0.0105	0.0643	0.0009	0.056	0.0006	409.4	7.1	401.5	5.4	454.2	23.3	11.60%
245739_92	1.9344	0.0411	0.1762	0.0026	0.0796	0.0008	1093.1	14.1	1046.4	14.1	1187.3	20	11.90%
245739_97	5.268	0.0998	0.3116	0.004	0.1226	0.0011	1863.7	16	1748.7	19.4	1994.6	15.3	12.30%
245739_35	4.626	0.0691	0.2905	0.0034	0.1155	0.0007	1754	12.4	1644	17.1	1887.7	10.8	12.90%

#### Isotopic Ratios

Grain #	207Pb/235U ±		206Pb/238U ±		207Pb/206Pb ±		207Pb/235U		206Pb/238U ±		207Pb/206Pb ±		% Disc
							(Ma)		(Ma)		(Ma)		
<b>Sample: Hecla Bay-2 (HB-2) C-246257</b>													
< 10% discordant													
246257_66	0.8555	0.0251	0.1033	0.002	0.0601	0.0009	627.7	13.6	633.5	11.7	584.8	27	-8.30%
256257_10	0.6942	0.0336	0.0878	0.0038	0.0573	0.0008	535.3	19.9	542.5	22.6	505	28.7	-7.40%
246257_51	0.5351	0.0124	0.0706	0.0012	0.055	0.0005	435.2	8.2	439.8	7.2	410.7	21	-7.10%
246257_63	0.5303	0.0157	0.07	0.0017	0.0549	0.0006	432	10.3	436.4	10.4	409	22.5	-6.70%
256257_17	0.508	0.0194	0.0675	0.0022	0.0546	0.0007	417.1	13	421	13.4	395.7	26.5	-6.40%
246257_52	0.726	0.0203	0.0907	0.0017	0.058	0.0008	554.2	11.9	559.8	10.2	531.4	29.3	-5.40%
246257_53	0.7108	0.0167	0.0891	0.0015	0.0579	0.0006	545.2	9.9	550.3	8.9	524.2	21.4	-5.00%
246257_62	2.1467	0.051	0.2012	0.0039	0.0774	0.0006	1164	16.3	1182	20.8	1130.8	15.8	-4.50%
246257_85	0.5151	0.008	0.068	0.0007	0.0549	0.0004	421.9	5.4	424.2	4.1	409.1	16.8	-3.70%
246257_73	4.1262	0.1021	0.2982	0.0065	0.1003	0.0007	1659.5	20	1682.6	32.1	1630.5	13.6	-3.20%
246257_59	5.2358	0.096	0.3399	0.0043	0.1117	0.0008	1858.5	15.5	1886	20.9	1828	13.2	-3.20%
246257_75	0.7204	0.0143	0.0897	0.0014	0.0583	0.0005	550.9	8.4	553.6	8.3	539.7	17	-2.60%
256257_15	4.1064	0.147	0.2965	0.0096	0.1005	0.0008	1655.6	28.8	1674	47.5	1632.5	14.8	-2.50%
246257_65	3.4325	0.0655	0.2671	0.0037	0.0932	0.0007	1511.9	14.9	1525.9	18.7	1492.3	13.9	-2.30%
246257_26	5.2218	0.1219	0.3377	0.0063	0.1122	0.0009	1856.2	19.7	1875.6	30.2	1834.7	14.8	-2.20%
246257_95	5.7114	0.1433	0.354	0.0042	0.117	0.0014	1933.1	21.5	1953.8	19.9	1911.1	22	-2.20%
246257_79	6.3986	0.1487	0.3741	0.0076	0.1241	0.0009	2032.1	20.2	2048.7	35.4	2015.4	12.3	-1.70%
256257_19	11.5063	0.4076	0.494	0.0157	0.1689	0.0014	2565.1	32.6	2587.9	67.6	2547.2	13.5	-1.60%
256257_8	0.4932	0.0222	0.0653	0.0028	0.0548	0.0004	407.1	15	407.9	16.9	402.4	16.2	-1.40%
256257_14	13.3245	0.4749	0.5255	0.017	0.1839	0.0014	2702.9	33.1	2722.3	71.3	2688.7	12.7	-1.30%
256257_16	4.1347	0.1462	0.2952	0.0094	0.1016	0.0008	1661.2	28.5	1667.7	46.7	1653.2	14.6	-0.90%
246257_30	4.0111	0.1153	0.2901	0.0068	0.1003	0.0011	1636.5	23.1	1642	33.9	1629.5	19.4	-0.80%
246257_29	2.3369	0.0477	0.2096	0.0033	0.0809	0.0006	1223.6	14.4	1226.7	17.7	1218.2	13.5	-0.70%
246257_84	5.4014	0.0842	0.3408	0.0039	0.1149	0.0007	1885.1	13.3	1890.7	18.9	1879	11	-0.60%
246257_78	1.9209	0.0365	0.1843	0.0028	0.0756	0.0005	1088.4	12.6	1090.6	15.1	1084.1	14.3	-0.60%
256257_13	4.596	0.1831	0.3125	0.0112	0.1067	0.001	1748.5	32.7	1752.9	55	1743.5	17.5	-0.50%
256257_22	4.7757	0.172	0.3186	0.0104	0.1087	0.0008	1780.6	29.8	1782.8	50.8	1778.3	13.8	-0.30%
246257_33	5.7142	0.1214	0.3501	0.0059	0.1184	0.0008	1933.5	18.2	1934.9	28.2	1932.1	12.4	-0.10%
256257_4	0.6559	0.0293	0.0827	0.0035	0.0575	0.0004	512.1	17.8	512.2	20.9	511.9	16.2	0.00%
246257_92	1.9657	0.049	0.1868	0.002	0.0763	0.001	1103.8	16.6	1103.8	10.8	1104.1	25.3	0.00%
246257_77	1.829	0.0378	0.1779	0.0029	0.0746	0.0006	1055.9	13.5	1055.7	15.6	1056.5	17.1	0.10%
246257_96	4.8292	0.1331	0.3199	0.0051	0.1095	0.0014	1790	22.9	1789.4	25.1	1790.9	22.8	0.10%

246257_61		6.1466	0.1391	0.3628	0.0064	0.1229	0.001	1996.9	19.6	1995.2	30.2	1998.8	14.7	0.20%
246257_28		1.6994	0.0365	0.1691	0.0028	0.0729	0.0006	1008.3	13.6	1007.2	15.2	1010.8	16.2	0.40%
246257_83		2.6813	0.0655	0.2274	0.0048	0.0855	0.0007	1323.3	17.9	1320.8	25.1	1327.4	15.1	0.50%
246257_97		4.438	0.1153	0.3047	0.004	0.1057	0.0013	1719.5	21.3	1714.4	19.7	1725.8	23.1	0.70%
246257_111		7.9791	0.2211	0.4111	0.0054	0.1408	0.0019	2228.7	24.7	2219.9	24.7	2236.8	23.2	0.80%
256257_20		5.7218	0.2166	0.3482	0.0119	0.1192	0.001	1934.7	32.2	1926	56.7	1944.1	15.7	0.90%
246257_72		2.029	0.0427	0.19	0.0031	0.0775	0.0007	1125.3	14.2	1121.3	16.7	1133.1	17.5	1.00%
246257_87		1.9358	0.0495	0.1841	0.0021	0.0763	0.001	1093.5	17	1089.5	11.6	1101.8	25.8	1.10%
256257_1		5.8019	0.2568	0.3503	0.0149	0.1201	0.0007	1946.7	37.6	1936.1	70.6	1958	10.8	1.10%
246257_82		0.7497	0.0169	0.0919	0.0016	0.0592	0.0006	568	9.8	566.5	9.6	574.3	20.2	1.40%
256257_2		1.8666	0.0838	0.1795	0.0077	0.0754	0.0005	1069.3	29.3	1064.1	41.9	1080.1	14	1.50%
246257_107		5.6903	0.1597	0.346	0.0047	0.1193	0.0016	1929.9	23.9	1915.2	22.7	1945.8	24.2	1.60%
246257_41		0.5073	0.0133	0.0666	0.0012	0.0553	0.0007	416.6	8.9	415.6	7.1	422.4	27.8	1.60%
246257_32		4.3832	0.1018	0.3011	0.0056	0.1056	0.0009	1709.2	19	1696.6	27.5	1724.7	15	1.60%
246257_64		5.7336	0.1472	0.3472	0.0075	0.1198	0.0009	1936.4	22	1921.1	35.9	1953.1	14	1.60%
246257_110		5.8561	0.163	0.3509	0.0047	0.121	0.0016	1954.8	23.9	1939.1	22.2	1971.5	24.1	1.60%
256257_25		5.6094	0.2372	0.3432	0.0132	0.1185	0.0012	1917.5	35.8	1902.2	62.9	1934.3	18.3	1.70%
246257_68		11.738	0.2357	0.4873	0.0073	0.1747	0.0013	2583.7	18.6	2559.1	31.4	2603.2	12.7	1.70%
246257_99		1.9166	0.0506	0.1825	0.0024	0.0762	0.001	1086.9	17.5	1080.7	13.3	1099.4	25.9	1.70%
246257_50		0.6684	0.015	0.0837	0.0014	0.0579	0.0005	519.7	9.1	518.1	8.2	527.2	19.1	1.70%
256257_18		2.0471	0.073	0.1905	0.0061	0.078	0.0007	1131.3	24	1123.8	32.9	1146	16.6	1.90%
246257_58		16.2277	0.3399	0.5575	0.0089	0.2111	0.0016	2890.3	19.8	2856.1	36.7	2914.4	12.4	2.00%
246257_54		3.9649	0.0896	0.2842	0.0049	0.1012	0.0008	1627	18.2	1612.2	24.3	1646.3	15.3	2.10%
256257_5		12.8398	0.5716	0.505	0.0216	0.1844	0.0011	2668	41.1	2635.3	91.8	2692.9	9.9	2.10%
246257_88		0.7043	0.0177	0.0872	0.0009	0.0586	0.0008	541.4	10.5	539.1	5.6	551.2	28.1	2.20%
256257_21		0.8716	0.0368	0.1032	0.0035	0.0612	0.001	636.4	19.7	633.3	20.6	647.8	33.9	2.20%
246257_74		3.9878	0.087	0.2847	0.0052	0.1016	0.0007	1631.7	17.5	1614.8	26.1	1653.7	13.6	2.40%
256257_12		2.7953	0.1027	0.2312	0.0076	0.0877	0.0008	1354.3	27.1	1340.7	39.5	1376	17.7	2.60%
256257_23		0.7994	0.0305	0.0963	0.0033	0.0602	0.0006	596.5	17.1	593	19.3	610.2	21	2.80%
246257_34		13.9141	0.2944	0.5197	0.0087	0.1942	0.0014	2743.9	19.8	2698	37	2777.9	11.4	2.90%
246257_106		2.4756	0.0703	0.2141	0.0029	0.0839	0.0012	1264.9	20.3	1250.5	15.5	1289.7	27.2	3.00%
246257_114		4.1168	0.1163	0.2886	0.004	0.1035	0.0014	1657.6	22.8	1634.7	19.9	1686.9	25.3	3.10%
246257_103		2.8057	0.0786	0.2311	0.0031	0.088	0.0012	1357.1	20.7	1340.4	16.1	1383.5	26.3	3.10%
246257_112		2.8418	0.0804	0.2327	0.0032	0.0886	0.0012	1366.6	21	1348.4	16.8	1395.4	26.3	3.40%
256257_7		2.6559	0.1177	0.2232	0.0095	0.0863	0.0005	1316.3	32.2	1298.8	49.8	1344.9	11.8	3.40%
246257_113		5.1385	0.1424	0.3242	0.0042	0.115	0.0016	1842.5	23.3	1810.1	20.5	1879.3	24.3	3.70%
246257_81		5.0861	0.0992	0.3224	0.0052	0.1144	0.0008	1833.8	16.4	1801.5	25.3	1870.7	11.8	3.70%
246257_93		3.115	0.0831	0.2453	0.0034	0.0921	0.0012	1436.4	20.3	1414.1	17.4	1469.8	24.7	3.80%
256257_9		38.7196	1.7223	0.7601	0.0325	0.3695	0.0021	3738.5	43.1	3644.6	118	3789.2	8.8	3.80%
246257_55		5.8411	0.1251	0.3459	0.0056	0.1225	0.0009	1952.5	18.4	1915.1	26.7	1992.5	13.4	3.90%
246257_45		4.0553	0.097	0.2849	0.0051	0.1033	0.001	1645.4	19.3	1615.8	25.3	1683.4	17.5	4.00%
246257_47		5.8942	0.1294	0.3468	0.0058	0.1233	0.001	1960.4	18.9	1919.3	27.6	2004.1	13.9	4.20%
246257_104		4.0889	0.1137	0.2853	0.0037	0.104	0.0014	1652.1	22.4	1618	18.6	1695.9	25.1	4.60%
246257_102		3.8704	0.1075	0.2767	0.0036	0.1015	0.0014	1607.5	22.2	1574.7	18.2	1651	25.2	4.60%
246257_90		3.7605	0.0935	0.2721	0.003	0.1002	0.0012	1584.4	19.7	1551.4	15.4	1628.6	22.9	4.70%
246257_35		12.4979	0.2785	0.4896	0.0088	0.1851	0.0013	2642.6	20.7	2569.1	38	2699.4	11.9	4.80%
246257_105		0.9343	0.0263	0.1078	0.0014	0.0629	0.0009	669.9	13.7	660.1	8.2	703.4	30	6.20%

246257_57		2.2254	0.0702	0.1972	0.0053	0.0818	0.0008	1189.1	21.8	1160.4	28.7	1241.6	19.5	6.50%
246257_37		0.7028	0.0154	0.0863	0.0014	0.0591	0.0005	540.5	9.1	533.3	8.4	570.8	18.6	6.60%
246257_31		0.5401	0.012	0.0696	0.0012	0.0563	0.0005	438.5	7.9	433.6	7	464.2	19.5	6.60%
246257_71		3.8792	0.1218	0.2735	0.0076	0.1029	0.0009	1609.4	25	1558.8	38.2	1676.4	16.2	7.00%
246257_67		5.0965	0.1089	0.3165	0.0048	0.1168	0.0011	1835.5	18	1772.8	23.6	1907.6	16.3	7.10%
246257_115		5.4784	0.1514	0.3276	0.0043	0.1213	0.0016	1897.2	23.5	1826.5	20.6	1975.6	24	7.50%
256257_11		5.6094	0.1981	0.3313	0.0106	0.1228	0.001	1917.5	30	1844.6	50.9	1997.6	13.8	7.70%
246257_86		0.5515	0.0151	0.0706	0.0009	0.0567	0.0008	446	9.8	439.5	5.5	479.6	31.7	8.30%
246257_48		3.7148	0.0893	0.2648	0.0051	0.1017	0.0008	1574.6	19.1	1514.4	25.9	1656.3	14.7	8.60%
246257_43		4.0255	0.0889	0.2768	0.0046	0.1055	0.0008	1639.4	17.8	1575.1	23.4	1722.9	14.4	8.60%
246257_60		3.5063	0.0723	0.2557	0.0034	0.0995	0.001	1528.6	16.2	1467.9	17.7	1613.9	18.1	9.10%
256257_3		1.9534	0.1045	0.1799	0.0093	0.0788	0.0006	1099.6	35.3	1066.2	50.4	1149.8	14.9	7.30%
246257_27		4.2445	0.1001	0.2853	0.0057	0.1079	0.0007	1682.7	19.2	1617.9	28.3	1766.5	12.3	8.40%
> 10% discordant														
246257_46		0.4861	0.0155	0.0657	0.0013	0.0536	0.0009	402.3	10.5	410.4	8.1	355.7	38	-15.40%
246257_38		11.0116	0.3237	0.5229	0.0129	0.1528	0.0015	2524.1	27	2711.3	54.4	2377	16.8	-14.10%
246257_69		0.56	0.0173	0.0707	0.0019	0.0574	0.0006	451.5	11.2	440.6	11.2	508.1	21.9	13.30%
246257_76		0.5868	0.0193	0.0734	0.0021	0.058	0.0007	468.8	12.3	456.8	12.4	528.1	25.5	13.50%
246257_109		0.5492	0.0192	0.0695	0.0013	0.0573	0.0011	444.5	12.5	433.4	7.7	502.5	41.2	13.70%
246257_49		1.3773	0.0335	0.1389	0.0027	0.0719	0.0006	879.3	14.2	838.3	15.1	984.1	16.8	14.80%
246257_36		5.0061	0.1018	0.2987	0.0047	0.1216	0.0008	1820.3	17.1	1685	23.5	1979.1	12.2	14.90%
246257_39		0.5328	0.0132	0.0674	0.0012	0.0574	0.0007	433.7	8.7	420.3	7.1	505.7	25.1	16.90%
256257_6		0.8951	0.041	0.1008	0.0044	0.0644	0.0006	649.1	21.8	619.2	25.5	754.5	18.1	17.90%
246257_94		0.6195	0.0183	0.0751	0.0012	0.0598	0.0009	489.5	11.4	466.6	7.3	598.1	32	22.00%
246257_100		0.821	0.0205	0.0932	0.001	0.0639	0.0008	608.6	11.4	574.6	5.6	737.5	27.5	22.10%
246257_98		4.4596	0.1342	0.2585	0.0051	0.1251	0.0016	1723.5	24.7	1482.1	26.2	2030.7	22.7	27.00%
246257_44		3.3012	0.0749	0.2205	0.0036	0.1086	0.001	1481.3	17.5	1284.3	19.2	1776.3	16.5	27.70%
246257_89		0.7686	0.0218	0.0859	0.0012	0.0649	0.001	579	12.4	531.5	7.2	770.1	30.9	31.00%
246257_42		0.5491	0.024	0.0649	0.0025	0.0613	0.0008	444.4	15.6	405.5	15.4	651.2	26.1	37.70%
246257_56		4.8925	0.1902	0.1993	0.0073	0.1781	0.0013	1801	32.2	1171.6	38.9	2634.8	12.1	55.50%
246257_80		3.9123	0.2808	0.1564	0.0092	0.1814	0.0057	1616.2	56.4	937	50.8	2665.6	51.3	64.80%
246257_40		1.2576	0.1897	0.073	0.0087	0.1249	0.0085	826.8	81.9	454.2	52.1	2027.9	116.4	77.60%
246257_91		1.5726	0.0505	0.1659	0.0036	0.0688	0.0009	959.4	19.7	989.4	20.1	891.6	28.2	-11.00%
246257_70		5.9687	0.2544	0.3355	0.0134	0.129	0.0011	1971.3	36.4	1865	64.4	2084.8	14.8	10.50%
246257_108		0.4925	0.0166	0.0637	0.0013	0.0561	0.0009	406.6	11.2	398.2	8.2	454.6	34.2	12.40%
256257_24		4.5313	0.1762	0.2882	0.0103	0.114	0.0009	1736.7	31.8	1632.5	51.4	1864.9	14	12.50%

#### Isotopic Ratios

Grain #	207Pb/235U	±	206Pb/238U	±	207Pb/206Pb	±	Apparent Ages (Ma)	207Pb/235U	±	206Pb/238U	±	207Pb/206Pb	±	% Disc
Sample: Hecla Bay-3 (HB-3) C-133818														
< 10% discordant														
133818_37	0.5101	0.0118	0.0683	0.001	0.0542	0.0009	418.5	7.9	426	5.9	391.2	24.4	-8.90%	
133818_102	5.6481	0.2041	0.3607	0.0108	0.1136	0.0017	1923.5	30.7	1985.6	51.2	1857.1	26.7	-6.90%	
133818_109	1.831	0.0376	0.182	0.0025	0.073	0.0007	1056.7	13.4	1077.7	13.5	1013.5	20.2	-6.30%	
133818_52	14.2661	0.2021	0.5514	0.0058	0.1876	0.0012	2767.6	13.4	2831.1	24.2	2721.6	10.4	-4.00%	
133818_5	2.9616	0.0644	0.2457	0.0028	0.0874	0.0011	1397.8	16.4	1416.4	14.3	1369.6	23	-3.40%	
133818_71	1.8962	0.0329	0.1845	0.0026	0.0746	0.0005	1079.8	11.5	1091.3	14.1	1056.6	13.7	-3.30%	

133818_51		2.7502	0.0401	0.2343	0.0024	0.0851	0.0006	1342.1	10.8	1357.1	12.7	1318.5	14.2	-2.90%
133818_88		14.7277	0.2138	0.5545	0.0064	0.1926	0.0012	2797.8	13.7	2843.9	26.5	2764.8	9.8	-2.90%
133818_98		11.0028	0.1593	0.487	0.0056	0.1639	0.001	2523.4	13.4	2557.5	24	2496.1	10.3	-2.50%
133818_100		11.2815	0.1438	0.4924	0.0047	0.1662	0.0009	2546.7	11.8	2581.2	20.3	2519.4	9.4	-2.50%
133818_106		5.3865	0.1106	0.3435	0.0047	0.1137	0.0011	1882.7	17.4	1903.7	22.3	1859.7	18	-2.40%
133818_74		3.9135	0.0667	0.2883	0.0041	0.0985	0.0006	1616.5	13.7	1632.8	20.3	1595.4	11.6	-2.30%
133818_48		1.8878	0.0267	0.1833	0.0018	0.0747	0.0005	1076.8	9.3	1084.8	10	1060.8	14.1	-2.30%
133818_79		1.8176	0.0312	0.1786	0.0025	0.0738	0.0005	1051.8	11.2	1059.3	13.5	1036.4	13.8	-2.20%
133818_38		3.1444	0.0378	0.2534	0.0028	0.09	0.0003	1443.6	9.2	1456.2	14.3	1425.3	7.4	-2.20%
133818_47		3.6598	0.0555	0.2771	0.0031	0.0958	0.0007	1562.6	12	1576.9	15.7	1543.5	13.5	-2.20%
133818_111		2.9406	0.0604	0.2431	0.0033	0.0877	0.0009	1392.4	15.5	1403	16.9	1376.3	19.6	-1.90%
133818_101		2.5699	0.0707	0.2237	0.0045	0.0833	0.0011	1292.1	19.9	1301.2	23.7	1277.1	26.6	-1.90%
133818_114		1.744	0.0367	0.1733	0.0024	0.073	0.0008	1025	13.5	1030.4	13	1013.3	21.6	-1.70%
133818_39		2.5863	0.0362	0.2242	0.0028	0.0837	0.0004	1296.8	10.2	1304	14.7	1284.9	10.3	-1.50%
133818_113		15.4218	0.3151	0.5577	0.0077	0.2006	0.0019	2841.7	19.3	2857.1	31.8	2830.8	15.6	-0.90%
133818_42		2.6638	0.0376	0.2277	0.0029	0.0848	0.0004	1318.5	10.4	1322.5	15.1	1312.1	10.1	-0.80%
133818_2		6.4771	0.1379	0.3741	0.004	0.1256	0.0015	2042.8	18.6	2048.4	18.8	2037.1	20.6	-0.60%
133818_107		3.9737	0.0884	0.2881	0.0044	0.1	0.0011	1628.8	17.9	1631.9	22.1	1624.9	20	-0.40%
133818_46		4.2438	0.0519	0.2988	0.0023	0.103	0.0007	1682.5	10	1685.5	11.4	1678.9	11.9	-0.40%
133818_61		4.5555	0.0878	0.3107	0.0048	0.1063	0.0008	1741.2	15.9	1744.2	23.6	1737.6	13	-0.40%
133818_72		17.944	0.303	0.59	0.0083	0.2206	0.0013	2986.7	16.1	2989.5	33.6	2984.9	9.5	-0.20%
133818_8		2.0054	0.0442	0.1894	0.0021	0.0768	0.0009	1117.3	14.8	1117.9	11.6	1116.2	24.3	-0.10%
133818_53		2.1346	0.0309	0.1973	0.002	0.0785	0.0006	1160.1	9.9	1160.6	10.6	1159.3	15	-0.10%
133818_11		2.1137	0.0454	0.1959	0.0021	0.0783	0.0009	1153.3	14.7	1153.2	11.5	1153.4	23.3	0.00%
133818_86		2.0841	0.0422	0.1941	0.003	0.0779	0.0008	1143.6	13.8	1143.5	16.1	1143.8	20.7	0.00%
133818_44		4.5452	0.0587	0.3096	0.0037	0.1065	0.0004	1739.3	10.7	1738.7	18.3	1740.1	6.7	0.10%
133818_24		2.0092	0.0414	0.1894	0.0027	0.0769	0.0008	1118.6	13.9	1118.1	14.8	1119.9	21.5	0.20%
133818_62		4.4898	0.0886	0.3073	0.0049	0.106	0.0008	1729.1	16.3	1727.4	23.9	1731.2	13.7	0.20%
133818_10		5.3713	0.1163	0.3381	0.0038	0.1152	0.0014	1880.3	18.4	1877.3	18.4	1883.6	21.1	0.30%
133818_85		6.042	0.1015	0.3592	0.0049	0.122	0.0008	1981.9	14.5	1978.2	23.4	1985.9	11.1	0.40%
133818_31		2.7942	0.0366	0.2333	0.0027	0.0869	0.0004	1354	9.8	1351.9	14.1	1357.3	9.9	0.40%
133818_34		5.7	0.1035	0.3484	0.0057	0.1187	0.0008	1931.4	15.6	1927.1	27.1	1936	12.3	0.50%
133818_32		18.2513	0.2137	0.5908	0.0064	0.2241	0.0007	3003.1	11.2	2992.8	26	3010	5.1	0.60%
133818_18		1.7924	0.0311	0.1752	0.002	0.0742	0.0007	1042.7	11.2	1040.6	10.9	1047.2	18.2	0.60%
133818_54		3.018	0.0423	0.2442	0.0024	0.0896	0.0006	1412.2	10.6	1408.6	12.5	1417.6	13.4	0.60%
133818_76		3.9681	0.0688	0.2862	0.004	0.1006	0.0007	1627.7	14	1622.6	20.2	1634.4	12.5	0.70%
133818_41		3.9708	0.051	0.2862	0.0033	0.1006	0.0004	1628.2	10.4	1622.6	16.7	1635.7	8.1	0.80%
133818_56		2.7085	0.0443	0.2284	0.0027	0.086	0.0007	1330.8	12	1326	14.4	1338.6	15.9	0.90%
133818_59		4.681	0.0681	0.3131	0.0031	0.1085	0.0008	1763.9	12.1	1755.8	15.3	1773.6	14	1.00%
133818_49		4.6719	0.0727	0.3127	0.0036	0.1084	0.0008	1762.2	12.9	1754.1	17.8	1772	13.6	1.00%
133818_83		6.1981	0.1048	0.3625	0.0051	0.124	0.0008	2004.2	14.7	1993.9	23.9	2014.9	10.9	1.00%
133818_28		2.0983	0.0371	0.1942	0.0023	0.0784	0.0007	1148.3	12.1	1143.9	12.6	1156.6	17.7	1.10%
133818_95		3.8936	0.0507	0.2824	0.0026	0.1	0.0006	1612.4	10.5	1603.5	13.2	1624	11.8	1.30%
133818_19		6.0518	0.0965	0.3576	0.0038	0.1227	0.001	1983.3	13.8	1971	17.8	1996.4	13.8	1.30%
133818_69		3.2606	0.0666	0.2549	0.0042	0.0928	0.0007	1471.7	15.8	1463.8	21.5	1483.2	14.7	1.30%
133818_97		12.9911	0.164	0.5104	0.0048	0.1846	0.001	2679	11.8	2658.5	20.5	2694.6	9.2	1.30%
133818_4		13.6193	0.3361	0.5205	0.0085	0.1898	0.0022	2723.6	23.1	2701.4	36	2740.1	19.3	1.40%

133818_50		5.5495	0.0751	0.3417	0.0032	0.1178	0.0008	1908.3	11.6	1894.8	15.4	1923.1	12.1	1.50%
133818_64		5.9814	0.1188	0.3545	0.0057	0.1224	0.0009	1973.1	17.1	1955.9	27	1991.3	13	1.80%
133818_75		1.7186	0.0309	0.1695	0.0024	0.0735	0.0006	1015.5	11.5	1009.6	13.3	1028.3	15.6	1.80%
133818_26		3.07	0.0578	0.2454	0.0034	0.0907	0.0008	1425.2	14.3	1414.8	17.3	1441	16.9	1.80%
133818_12		3.961	0.0863	0.2843	0.0032	0.1011	0.0012	1626.3	17.5	1612.8	16.2	1643.7	22	1.90%
133818_96		5.6254	0.0678	0.3432	0.0029	0.1189	0.0007	1920	10.3	1902.2	14.1	1939.4	10.1	1.90%
133818_115		4.5595	0.0956	0.3068	0.0043	0.1078	0.0011	1741.9	17.3	1725.2	21.1	1762.1	18.7	2.10%
133818_45		13.3344	0.1984	0.5132	0.0072	0.1884	0.0007	2703.6	14	2670.5	30.6	2728.6	6.5	2.10%
133818_103		5.6552	0.1125	0.3437	0.0045	0.1193	0.0011	1924.6	17	1904.3	21.6	1946.5	16.9	2.20%
133818_22		1.8622	0.0365	0.1787	0.0024	0.0756	0.0008	1067.8	12.9	1060	13	1083.8	20.9	2.20%
133818_55		13.1554	0.1621	0.5101	0.004	0.1871	0.0012	2690.9	11.6	2657	17.1	2716.5	10.5	2.20%
133818_82		5.7543	0.0983	0.3466	0.0049	0.1204	0.0008	1939.6	14.7	1918.2	23.3	1962.5	11.2	2.30%
133818_9		1.9266	0.0458	0.1826	0.0023	0.0765	0.0011	1090.4	15.8	1081.1	12.7	1108.9	27.2	2.50%
133818_6		5.282	0.115	0.3309	0.0038	0.1158	0.0014	1865.9	18.4	1842.8	18.4	1891.8	21.2	2.60%
133818_80		4.4671	0.079	0.3025	0.0043	0.1071	0.0007	1724.9	14.6	1703.7	21.5	1750.8	12.8	2.70%
133818_87		4.436	0.063	0.3013	0.0032	0.1068	0.0007	1719.1	11.7	1697.6	16.1	1745.4	11.9	2.70%
133818_91		5.91	0.0743	0.3502	0.0033	0.1224	0.0007	1962.7	10.9	1935.7	15.7	1991.4	9.8	2.80%
133818_73		6.267	0.1107	0.3606	0.0052	0.1261	0.0009	2013.9	15.3	1985	24.5	2043.7	12.2	2.90%
133818_93		5.5892	0.0662	0.3402	0.0029	0.1192	0.0007	1914.4	10.2	1887.5	13.8	1943.8	9.7	2.90%
133818_16		4.3376	0.0727	0.2974	0.0034	0.1058	0.0009	1700.5	13.7	1678.2	16.9	1728.3	14.8	2.90%
133818_65		2.2717	0.0468	0.2027	0.0034	0.0813	0.0006	1203.6	14.4	1190.1	18.1	1227.9	15.3	3.10%
133818_21		1.4773	0.025	0.152	0.0017	0.0705	0.0006	921.1	10.2	912.3	9.3	942.5	18.1	3.20%
133818_7		13.2797	0.2884	0.5078	0.0058	0.1897	0.0022	2699.7	20.3	2647.4	24.7	2739.2	19.3	3.40%
133818_27		6.466	0.1084	0.3651	0.0042	0.1285	0.001	2041.3	14.6	2006.3	19.9	2077	14	3.40%
133818_23		4.6945	0.0908	0.3095	0.0044	0.11	0.001	1766.3	16.1	1738.2	21.5	1799.8	16.6	3.40%
133818_43		12.6975	0.1781	0.4968	0.0066	0.1854	0.0007	2657.5	13.1	2600.1	28.2	2701.5	6	3.80%
133818_92		1.6549	0.0222	0.164	0.0015	0.0732	0.0005	991.4	8.4	979.1	8.6	1018.9	13.7	3.90%
133818_108		5.6685	0.1106	0.3399	0.0043	0.1209	0.0011	1926.6	16.7	1886.4	20.6	1970.1	16.7	4.20%
133818_63		3.6311	0.0902	0.2672	0.0058	0.0986	0.0008	1556.4	19.6	1526.7	29.4	1597	14.4	4.40%
133818_66		3.5975	0.0737	0.2657	0.0044	0.0982	0.0007	1549	16.2	1519	22.5	1590.2	14.2	4.50%
133818_81		3.5286	0.0621	0.2627	0.0038	0.0974	0.0006	1533.6	13.8	1503.8	19.5	1575.1	12.2	4.50%
133818_104		1.8724	0.0381	0.1776	0.0024	0.0764	0.0008	1071.4	13.4	1054.1	13.1	1106.7	19.5	4.80%
133818_112		1.6106	0.0491	0.1604	0.0032	0.0728	0.0013	974.4	18.9	959.2	17.8	1008.6	36.4	4.90%
133818_30		5.0682	0.0813	0.3195	0.0034	0.1151	0.0009	1830.8	13.5	1787.4	16.7	1880.7	13.9	5.00%
133818_40		3.0983	0.0402	0.2427	0.0029	0.0926	0.0004	1432.3	9.9	1400.8	14.8	1479.5	8.3	5.30%
133818_110		1.9616	0.0454	0.1827	0.0028	0.0779	0.0009	1102.4	15.5	1081.7	15.4	1143.5	23.8	5.40%
133818_84		3.6527	0.0796	0.2666	0.0051	0.0994	0.0007	1561.1	17.2	1523.5	25.9	1612.4	13.3	5.50%
133818_77		5.8531	0.1001	0.3428	0.0049	0.1238	0.0008	1954.3	14.7	1900.1	23.3	2012.3	10.8	5.60%
133818_67		4.3496	0.0894	0.2932	0.0048	0.1076	0.0009	1702.8	16.8	1657.6	23.9	1758.9	14.8	5.80%
133818_15		4.5565	0.0974	0.3005	0.0033	0.11	0.0013	1741.4	17.6	1694	16.3	1798.7	21.1	5.80%
133818_99		5.5059	0.0653	0.331	0.0029	0.1206	0.0006	1901.5	10.1	1843.3	13.8	1965.7	9.4	6.20%
133818_36		3.5828	0.0479	0.2622	0.0032	0.0991	0.0004	1545.7	10.6	1501.3	16.6	1607.1	7.5	6.60%
133818_1		0.5211	0.0118	0.0675	0.0008	0.056	0.0007	425.9	7.8	421.2	4.7	451.4	28.6	6.70%
133818_33		2.1665	0.027	0.1934	0.0021	0.0812	0.0004	1170.4	8.6	1139.9	11.1	1227.3	10.6	7.10%
> 10% discordant														
133818_17		3.6065	0.0924	0.2553	0.0051	0.1025	0.0012	1551	20.2	1465.5	26.4	1669.6	22	12.20%
133818_70		5.698	0.1147	0.3225	0.0053	0.1281	0.001	1931.1	17.2	1801.9	25.6	2072.7	13.1	13.10%

133818_3	5.0705	0.1098	0.3035	0.0035	0.1212	0.0014	1831.2	18.2	1708.5	17.1	1973.7	20.8	13.40%
133818_94	4.2242	0.0813	0.2739	0.0043	0.1119	0.001	1678.7	15.7	1560.5	21.5	1830	15.6	14.70%
133818_78	6.8306	0.1465	0.3393	0.0053	0.146	0.0017	2089.7	18.8	1883.1	25.6	2300	19.5	18.10%
133818_20	2.0519	0.0398	0.1772	0.0025	0.084	0.0008	1132.9	13.2	1051.7	13.8	1292.2	17.8	18.60%
133818_35	10.307	0.1291	0.405	0.0047	0.1846	0.0007	2462.7	11.5	2192	21.5	2694.6	6.1	18.70%
133818_14	0.5425	0.0137	0.0679	0.0009	0.058	0.0009	440.1	9	423.3	5.6	529	32.5	20.00%
133818_29	3.1963	0.056	0.2251	0.0027	0.103	0.0009	1456.3	13.5	1308.7	14.2	1678.9	16	22.10%
133818_13	3.425	0.074	0.2298	0.0025	0.1081	0.0013	1510.2	16.8	1333.3	13.3	1767.8	21.6	24.60%
133818_25	8.7342	0.1735	0.3457	0.0038	0.1832	0.0024	2310.6	17.9	1914.3	18.2	2682.3	21.1	28.60%
133818_89	0.5961	0.0189	0.0697	0.0014	0.0621	0.0013	474.7	12	434.1	8.2	676.2	45.1	35.80%
133818_57	2.8386	0.0373	0.1829	0.0016	0.1126	0.0008	1365.8	9.8	1082.7	8.7	1841.5	12.4	41.20%
133818_60	9.3238	0.3204	0.3043	0.0036	0.2222	0.0064	2370.4	31	1712.6	17.9	2997	45.5	42.90%
133818_58	2.9822	0.0947	0.1562	0.0044	0.1384	0.0016	1403.1	23.9	935.9	24.6	2207.8	20.5	57.60%
133818_105	3.101	0.1337	0.159	0.0031	0.1415	0.0046	1432.9	32.6	951.2	17.2	2245.1	55.7	57.60%
133818_68	3.5696	0.1451	0.1673	0.0064	0.1548	0.0015	1542.8	31.7	997.2	35.1	2399.2	16.9	58.40%
133818_90	2.6767	0.0364	0.2161	0.0021	0.0898	0.0006	1322	10	1261.1	11.2	1422.3	12.9	11.30%

#### Isotopic Ratios

Grain #	207Pb/235U	±	206Pb/238U	±	207Pb/206Pb	±	207Pb/235U	±	206Pb/238U	±	207Pb/206Pb	±	% Disc												
	Apparent Ages				(Ma)				(Ma)				(Ma)												
Sample: Hecla Bay-4 (HB-4) C-128665																									
< 10% discordant																									
128665_18	0.5833	0.0255	0.0738	0.003	0.0573	0.0006	466.6	16.2	458.8	18.2	505.6	22.5	9.30%												
128665_12	0.7333	0.0297	0.0904	0.0034	0.0588	0.0006	558.5	17.2	558.1	20	560.1	21.9	0.40%												
128665_47	0.764	0.0254	0.0916	0.0027	0.0605	0.0006	576.3	14.5	565.2	15.8	620.5	19.9	8.90%												
128665_69	0.8817	0.0265	0.1034	0.0027	0.0618	0.0006	641.9	14.2	634.4	15.8	668.6	21.7	5.10%												
128665_52	0.8773	0.0295	0.1048	0.0031	0.0607	0.0006	639.5	15.8	642.5	18	629.1	20.4	-2.10%												
128665_103	0.9055	0.0271	0.1053	0.0024	0.0623	0.0007	654.7	14.4	645.7	14.1	685.9	23.6	5.90%												
128665_62	0.915	0.0271	0.1064	0.0028	0.0624	0.0005	659.7	14.2	651.6	16.6	687.8	18	5.30%												
128665_21	0.9616	0.0467	0.1083	0.0045	0.0644	0.0011	684.1	23.9	663	26.3	754.2	34.5	12.10%												
128665_76	1.0319	0.0221	0.1179	0.0021	0.0635	0.0004	719.9	11	718.4	12.1	724.6	14.7	0.90%												
128665_107	1.4538	0.0415	0.1489	0.0033	0.0708	0.0007	911.4	17	894.9	18.7	952	19.6	6.00%												
128665_77	1.6234	0.0377	0.1625	0.0033	0.0725	0.0005	979.3	14.5	970.6	18	999.1	13.6	2.90%												
128665_93	1.6733	0.0487	0.1662	0.0046	0.073	0.0004	998.5	18.3	991.3	25.2	1014.2	12.2	2.30%												
128665_33	1.7387	0.0566	0.1687	0.0049	0.0748	0.0007	1023	20.8	1004.8	26.9	1062.3	18.5	5.40%												
128665_100	1.776	0.0516	0.1729	0.0045	0.0745	0.0006	1036.7	18.7	1028.2	24.9	1054.8	16.6	2.50%												
128665_53	1.7738	0.074	0.173	0.0061	0.0744	0.0011	1035.9	26.7	1028.5	33.6	1051.7	28.4	2.20%												
128665_54	1.7826	0.0573	0.1745	0.0051	0.0741	0.0005	1039.1	20.7	1036.6	27.8	1044.5	14.6	0.80%												
128665_36	1.866	0.0489	0.179	0.004	0.0756	0.0006	1069.1	17.2	1061.6	22	1084.6	15.9	2.10%												
128665_23	1.9734	0.0983	0.1811	0.0085	0.079	0.0009	1106.5	33	1072.9	46.2	1173.2	22	8.50%												
128665_68	1.9017	0.0523	0.1817	0.0046	0.0759	0.0006	1081.7	18.2	1076.2	24.9	1092.9	14.8	1.50%												
128665_30	2.0356	0.0655	0.1886	0.0054	0.0783	0.0007	1127.5	21.7	1113.6	29.4	1154.5	17.4	3.50%												
128665_40	2.1593	0.0548	0.192	0.0042	0.0816	0.0006	1168	17.5	1132.2	22.9	1235.1	14.2	8.30%												
128665_19	2.2327	0.1131	0.1953	0.0095	0.0829	0.0008	1191.4	34.9	1150	51.2	1267.4	17.8	9.30%												
128665_114	2.1645	0.0643	0.1981	0.0047	0.0793	0.0008	1169.7	20.4	1165.1	25.3	1178.4	19.3	1.10%												
128665_20	2.3483	0.1149	0.2029	0.0096	0.0839	0.0007	1227	34.3	1191.1	51.2	1290.9	16.4	7.70%												
128665_104	2.2333	0.063	0.203	0.0045	0.0798	0.0008	1191.6	19.6	1191.2	24	1192.5	18.7	0.10%												
128665_16	2.2529	0.0911	0.2052	0.008	0.0796	0.0005	1197.7	28	1203.2	42.7	1188	13.3	-1.30%												

128665_49	2.315	0.0889	0.2055	0.0066	0.0817	0.0011	1216.9	26.9	1204.7	35.5	1238.6	25.8	2.70%
128665_59	2.352	0.0634	0.2071	0.0053	0.0824	0.0004	1228.2	19	1213.3	28.2	1254.5	10.1	3.30%
128665_38	2.5233	0.0674	0.2112	0.005	0.0866	0.0006	1278.8	19.2	1235.4	26.6	1352.6	13.7	8.70%
128665_6	2.4694	0.0492	0.2194	0.0036	0.0817	0.0005	1263.1	14.3	1278.5	19.1	1237.1	12.3	-3.30%
128665_25	2.5421	0.0958	0.2204	0.008	0.0837	0.0005	1284.2	27.1	1284	42.4	1284.5	11.4	0.00%
128665_92	2.6467	0.0773	0.2269	0.0062	0.0846	0.0005	1313.7	21.3	1318.3	32.7	1306.4	11.8	-0.90%
128665_48	2.7167	0.0902	0.2301	0.0069	0.0856	0.0007	1333	24.4	1335	35.9	1329.8	15.8	-0.40%
128665_88	2.9182	0.0834	0.2357	0.0063	0.0898	0.0006	1386.6	21.4	1364.5	32.9	1421	11.8	4.00%
128665_112	2.9542	0.083	0.2381	0.0053	0.09	0.0008	1395.9	21.1	1376.9	27.4	1425.2	17.7	3.40%
128665_98	2.8659	0.0762	0.2398	0.006	0.0867	0.0004	1373	19.8	1385.8	31.3	1353.2	9.9	-2.40%
128665_108	3.0869	0.0965	0.2426	0.0061	0.0923	0.001	1429.4	23.7	1400	31.4	1473.8	20.2	5.00%
128665_14	2.9559	0.135	0.2435	0.0104	0.0881	0.0009	1396.4	34.1	1404.7	53.8	1383.8	20.3	-1.50%
128665_43	3.4273	0.1228	0.2471	0.0081	0.1006	0.0008	1510.7	27.8	1423.5	41.7	1635.1	15	12.90%
128665_31	3.2339	0.0827	0.2507	0.0057	0.0936	0.0006	1465.3	19.6	1441.9	29.2	1499.5	12.7	3.80%
128665_89	3.1299	0.0802	0.256	0.0062	0.0887	0.0004	1440.1	19.5	1469.5	31.8	1397	9.3	-5.20%
128665_73	3.2543	0.0687	0.2624	0.0047	0.09	0.0006	1470.2	16.3	1502.2	23.9	1424.5	12.1	-5.50%
128665_81	3.8065	0.0923	0.2731	0.0058	0.1011	0.0007	1594.1	19.3	1556.6	29.1	1644.2	12.8	5.30%
128665_75	4.1955	0.0967	0.2771	0.0055	0.1098	0.0007	1673.1	18.7	1576.7	27.9	1796.5	11.8	12.20%
128665_113	4.0334	0.1179	0.284	0.0066	0.103	0.001	1641	23.5	1611.7	33	1678.9	18	4.00%
128665_87	4.2885	0.1121	0.2852	0.007	0.1091	0.0006	1691.2	21.3	1617.3	35.2	1784	9.4	9.30%
128665_110	4.1393	0.1247	0.2869	0.0069	0.1047	0.0011	1662.1	24.4	1625.9	34.6	1708.4	18.4	4.80%
128665_35	4.2732	0.1031	0.2915	0.0063	0.1063	0.0006	1688.2	19.7	1649.1	31.2	1737.3	11	5.10%
128665_13	4.1332	0.1787	0.2926	0.0122	0.1024	0.0008	1660.9	34.7	1654.6	60.3	1668.9	14.5	0.90%
128665_22	4.1658	0.1512	0.2927	0.0103	0.1032	0.0005	1667.3	29.3	1655.2	51.3	1682.8	9.6	1.60%
128665_26	4.2296	0.1133	0.2938	0.007	0.1044	0.0007	1679.8	21.8	1660.6	34.8	1703.9	12.9	2.50%
128665_97	4.6578	0.1226	0.2975	0.0074	0.1136	0.0006	1759.7	21.8	1678.7	36.7	1857.4	8.9	9.60%
128665_50	4.2391	0.1448	0.3001	0.0093	0.1024	0.0008	1681.6	27.7	1691.9	46	1668.9	14.7	-1.40%
128665_56a	4.4598	0.1169	0.3093	0.0077	0.1046	0.0005	1723.5	21.5	1737.3	37.7	1707	9.5	-1.80%
128665_10	4.3678	0.101	0.3093	0.0064	0.1024	0.0006	1706.3	18.9	1737.4	31.3	1668.4	10.7	-4.10%
128665_29	4.857	0.1505	0.3144	0.0089	0.1121	0.0008	1794.8	25.8	1762.2	43.6	1833	13.2	3.90%
128665_42	6.2785	0.3248	0.3677	0.0183	0.1239	0.001	2015.5	44.3	2018.4	85.7	2003.1	13	-0.80%
128665_66	4.9779	0.1323	0.3207	0.0081	0.1126	0.0005	1815.6	22.2	1792.9	39.5	1841.8	8.7	2.70%
128665_60	5.1667	0.1414	0.3313	0.0086	0.1131	0.0006	1847.2	23	1844.9	41.7	1849.9	9.1	0.30%
128665_101	5.0613	0.1616	0.3315	0.0087	0.1107	0.0011	1829.6	26.7	1845.8	42	1811.5	18.4	-1.90%
128665_58	5.8938	0.1802	0.3461	0.0099	0.1235	0.0009	1960.3	26.2	1915.7	47.4	2007.9	12.2	4.60%
128665_90	5.5789	0.1441	0.3513	0.0086	0.1152	0.0006	1912.8	22	1940.6	40.7	1883	9.1	-3.10%
128665_96	5.878	0.1612	0.3521	0.0091	0.1211	0.0007	1958	23.5	1944.4	43.3	1972.5	9.7	1.40%
128665_34	5.9484	0.181	0.3543	0.0097	0.1218	0.001	1968.3	26.1	1955.1	45.9	1982.3	14.4	1.40%
128665_27	6.1859	0.1719	0.3571	0.009	0.1257	0.0009	2002.5	24	1968.2	42.4	2038	12.1	3.40%
128665_72	5.7811	0.1289	0.3588	0.0067	0.1169	0.0008	1943.6	19.1	1976.3	31.9	1909.1	12.6	-3.50%
128665_85	6.4855	0.1369	0.3671	0.0066	0.1281	0.0008	2043.9	18.4	2015.7	31.3	2072.6	10.4	2.70%
128665_67	6.2943	0.1885	0.3705	0.0106	0.1232	0.0007	2017.7	25.9	2031.6	49.4	2003.6	10.3	-1.40%
128665_45	6.269	0.2073	0.3798	0.0114	0.1197	0.0009	2014.1	28.5	2075.5	52.9	1951.8	13.7	-6.30%
128665_4	6.6566	0.1376	0.3845	0.0069	0.1256	0.0007	2066.9	18.1	2097.1	32.1	2037	9.8	-2.90%
128665_64	7.2959	0.2478	0.406	0.0133	0.1303	0.0007	2148.3	29.9	2196.7	60.7	2102.5	9.8	-4.50%
128665_78	9.1403	0.217	0.423	0.0089	0.1567	0.001	2352.1	21.5	2274	40.1	2420.8	10.4	6.10%
128665_55	12.6237	0.4067	0.4918	0.0144	0.1862	0.0014	2652	29.9	2578.4	61.8	2708.6	11.9	4.80%

128665_44		11.5598	0.3786	0.5033	0.0149	0.1666	0.0013	2569.4	30.2	2627.8	63.7	2523.7	12.6	-4.10%
128665_111		12.9695	0.4778	0.5057	0.0161	0.186	0.0019	2677.4	34.1	2638.2	68.7	2707.3	17.1	2.60%
128665_65		16.1432	0.4707	0.5449	0.015	0.2149	0.0013	2885.3	27.5	2803.9	62.5	2942.8	9.6	4.70%
128665_86		15.7286	0.4157	0.5523	0.0139	0.2066	0.0009	2860.5	24.9	2834.8	57.5	2878.7	7.3	1.50%
128665_63		14.6323	0.4218	0.575	0.0159	0.1846	0.0009	2791.6	27	2928.3	64.6	2694.5	8.4	-8.70%
128665_5		16.0143	0.306	0.582	0.0093	0.1996	0.0011	2877.7	18.1	2956.9	37.9	2822.8	9.2	-4.80%
128665_61		16.3068	0.4174	0.5966	0.0145	0.1982	0.0009	2895	24.2	3016.2	58.3	2811.8	7.8	-7.30%
> 10% discordant														
128665_79		1.9591	0.0517	0.1764	0.0037	0.0806	0.0008	1101.6	17.6	1047.3	20.2	1210.6	20.2	13.50%
128665_7		11.574	0.2581	0.4367	0.0088	0.1922	0.001	2570.6	20.6	2336	39.2	2761.2	8.5	15.40%
128665_74		0.733	0.0157	0.087	0.0015	0.0611	0.0004	558.3	9.1	538	9.2	642.3	14.6	16.20%
128665_39		3.3845	0.1327	0.24	0.0089	0.1023	0.0008	1500.8	30.3	1386.7	45.9	1666	14.9	16.80%
128665_83		4.2148	0.1133	0.27	0.0065	0.1132	0.0008	1676.9	21.8	1540.7	33.1	1852	12	16.80%
128665_80		3.2155	0.071	0.2332	0.0044	0.1	0.0006	1460.9	17	1351.1	23.2	1624.5	11.6	16.80%
128665_70		0.5678	0.0173	0.0708	0.002	0.0582	0.0004	456.6	11.1	441	12.2	535.8	14.5	17.70%
128665_17		2.2199	0.0978	0.1864	0.0073	0.0864	0.0012	1187.3	30.4	1101.7	39.4	1346.9	26.2	18.20%
128665_37		0.7554	0.0206	0.0884	0.0021	0.062	0.0005	571.4	11.9	546.3	12.6	672.5	16.5	18.80%
128665_9		5.0508	0.1456	0.2848	0.0072	0.1286	0.0011	1827.9	24.1	1615.6	36.2	2079.2	14.4	22.30%
128665_109		4.6546	0.1501	0.2735	0.0071	0.1234	0.0014	1759.1	26.6	1558.6	35.9	2006.5	19.5	22.30%
128665_71		5.5637	0.1453	0.2967	0.0067	0.136	0.0011	1910.5	22.2	1675	33.1	2176.9	14	23.10%
128665_32		7.3289	0.2253	0.3368	0.0075	0.1578	0.0022	2152.3	27.1	1871.5	36.2	2432.3	23.4	23.10%
128665_84		5.8694	0.1358	0.3025	0.0061	0.1407	0.0009	1956.7	19.9	1703.6	29.9	2236.3	11.5	23.80%
128665_106		1.0488	0.0314	0.1101	0.0025	0.0691	0.0008	728.3	15.5	673.3	14.6	901.6	23.2	25.30%
128665_102		0.5954	0.0212	0.0713	0.0021	0.0605	0.0007	474.3	13.4	444.2	12.6	622.7	25.3	28.70%
128665_46		2.4157	0.0828	0.1843	0.0057	0.0951	0.0008	1247.3	24.3	1090.5	30.8	1529.3	16.4	28.70%
128665_41		5.6495	0.189	0.2735	0.0082	0.1498	0.0012	1923.7	28.5	1558.3	41.5	2344	14	33.50%
128665_82		5.5369	0.1695	0.269	0.0066	0.1493	0.0018	1906.4	26	1536	33.5	2337.6	20.5	34.30%
128665_95		5.7535	0.1644	0.2692	0.0072	0.155	0.001	1939.4	24.4	1536.8	36.6	2402	10.4	36.00%
128665_91		4.7551	0.13	0.2406	0.0061	0.1434	0.0009	1777	22.7	1389.8	31.7	2268.1	10.8	38.70%
128665_28		1.7914	0.0572	0.1373	0.0038	0.0946	0.001	1042.3	20.6	829.4	21.4	1520.8	19.4	45.50%
128665_94		1.0952	0.038	0.1007	0.0033	0.0789	0.0005	751	18.2	618.7	19.4	1168.5	13.5	47.00%
128665_11		0.8962	0.0278	0.0808	0.0022	0.0805	0.0007	649.7	14.8	500.8	13.1	1208.4	17.9	58.60%
128665_57a		5.4604	0.3579	0.1829	0.0101	0.2166	0.0055	1894.4	54.8	1082.8	54.8	2955.2	40.2	63.40%
128665_99		0.7939	0.0352	0.0692	0.0023	0.0832	0.0017	593.4	19.7	431.3	14.1	1274.3	38.9	66.20%
128665_8		1.1227	0.045	0.0748	0.0022	0.1089	0.002	764.3	21.3	464.9	13	1781	32.4	73.90%
128665_24		2.5631	0.2026	0.093	0.0055	0.1999	0.0071	1290.2	56.2	573.3	32.5	2825.4	56.8	79.70%
128665_105		2.3963	0.1075	0.0825	0.0029	0.2106	0.004	1241.5	31.7	511.2	17	2910.2	30.6	82.40%
128665_51		0.4592	0.0175	0.0601	0.002	0.0554	0.0006	383.7	12.1	376.4	12.3	428.1	24.2	12.10%
128665_15		12.32	2.341	0.4614	0.0879	0.1937	0.0011	2629.1	164.4	2445.9	376.5	2773.5	9.2	11.80%

## Isotopic Ratios

Grain #	207Pb/235U	±	206Pb/238U	±	207Pb/206Pb	±	Apparent Ages (Ma)	207Pb/235U	±	206Pb/238U	±	207Pb/206Pb	±	% Disc
<b>Sample: Fram-1 (Fr-1) C-245747</b>														
< 10% discordant														
245747_70	0.5267	0.0143	0.0694	0.0014	0.055	0.0006	429.6	9.4	432.6	8.7	413.7	23.3	-4.60%	
245747_113	16.2309	0.4148	0.5831	0.0104	0.2019	0.0021	2890.5	24.2	2961.3	42.3	2841.7	16.5	-4.20%	
245747_38	5.7859	0.0988	0.3599	0.0031	0.1166	0.001	1944.3	14.7	1981.9	14.5	1904.6	15.1	-4.10%	

245747_14		0.5201	0.0141	0.0686	0.0015	0.055	0.0006	425.2	9.4	427.7	9.1	411.9	24.8	-3.80%
245747_9		2.5898	0.0869	0.2259	0.0073	0.0832	0.0005	1297.8	24.3	1312.8	38.1	1273	10.9	-3.10%
245747_12		1.9566	0.0434	0.1882	0.0037	0.0754	0.0005	1100.7	14.8	1111.8	20.1	1079.1	11.9	-3.00%
245747_107		6.4116	0.1591	0.3773	0.0063	0.1233	0.0013	2033.9	21.6	2063.6	29.5	2004	18.1	-3.00%
245747_47		2.9183	0.0672	0.243	0.0036	0.0871	0.001	1386.7	17.3	1402.2	18.7	1362.9	21.1	-2.90%
245747_5		2.7775	0.0929	0.2356	0.0075	0.0855	0.0005	1349.5	24.7	1363.8	39.2	1326.8	11.5	-2.80%
245747_10		8.353	0.3364	0.4294	0.0165	0.1411	0.0011	2270.1	35.9	2302.9	73.8	2240.6	14	-2.80%
245747_13		4.0355	0.0915	0.2934	0.0059	0.0998	0.0006	1641.4	18.3	1658.4	29.5	1619.8	11.1	-2.40%
245747_6		2.4451	0.0803	0.2167	0.0068	0.0818	0.0004	1256	23.4	1264.4	36.1	1241.5	10.3	-1.80%
245747_101		4.0798	0.1058	0.2943	0.0054	0.1005	0.001	1650.3	20.9	1663	26.6	1634.2	19.2	-1.80%
245747_109		2.0681	0.0549	0.1941	0.0035	0.0773	0.0009	1138.3	18	1143.6	18.7	1128.5	23	-1.30%
245747_110		6.2728	0.1526	0.3692	0.0059	0.1232	0.0013	2014.7	21.1	2025.8	27.9	2003.4	18	-1.10%
245747_19		4.0399	0.0903	0.2915	0.0058	0.1005	0.0006	1642.3	18	1649	29.1	1633.8	10.5	-0.90%
245747_86		5.2133	0.3001	0.335	0.0161	0.1129	0.0026	1854.8	47.9	1862.7	77.1	1846	41.1	-0.90%
245747_71		2.8702	0.0659	0.2385	0.0048	0.0873	0.0006	1374.1	17.1	1378.8	25.1	1366.9	12.2	-0.90%
245747_1		6.4055	0.2152	0.3725	0.012	0.1247	0.0007	2033	29.1	2041.4	56.2	2024.5	9.8	-0.80%
245747_43		2.9494	0.0567	0.2422	0.0028	0.0883	0.0008	1394.7	14.5	1398	14.6	1389.7	16.5	-0.60%
245747_29		5.6997	0.1125	0.3504	0.0044	0.118	0.0011	1931.3	16.9	1936.6	21	1925.7	16	-0.60%
245747_21		2.0974	0.0489	0.1953	0.004	0.0779	0.0006	1148	15.9	1150.1	21.4	1144.1	14.1	-0.50%
245747_36		13.9816	0.2329	0.5335	0.0043	0.1901	0.0016	2748.5	15.7	2756.1	17.9	2743	13.5	-0.50%
245747_108		6.1124	0.1551	0.3629	0.0062	0.1222	0.0013	1992	21.9	1996	29.5	1988	18.7	-0.40%
245747_11		3.1469	0.0718	0.2516	0.0051	0.0907	0.0006	1444.2	17.4	1446.5	26	1441.1	12.4	-0.40%
245747_41		18.3721	0.3804	0.5961	0.0082	0.2235	0.002	3009.4	19.7	3014.2	32.8	3006.3	14.3	-0.30%
245747_17		5.1599	0.1178	0.3316	0.0068	0.1129	0.0007	1846	19.2	1846	32.7	1846.2	10.9	0.00%
245747_69		3.1886	0.0844	0.253	0.0053	0.0914	0.0009	1454.4	20.3	1454.1	27	1454.8	18	0.00%
245747_57		4.3436	0.1118	0.3018	0.0061	0.1044	0.0009	1701.7	21	1700.3	30	1703.4	16.7	0.20%
245747_95		4.0216	0.0903	0.2889	0.0044	0.101	0.001	1638.6	18.1	1636.1	21.8	1641.9	17.4	0.40%
245747_3		0.6076	0.0203	0.0776	0.0025	0.0568	0.0004	482	12.7	481.7	14.7	483.5	14.5	0.40%
245747_31		3.5621	0.062	0.2695	0.0024	0.0959	0.0008	1541.1	13.7	1538.4	12	1544.9	16.3	0.40%
245747_111		0.8378	0.0211	0.1005	0.0017	0.0605	0.0007	617.9	11.6	617.3	9.8	620.3	23.4	0.50%
245747_98		1.807	0.0409	0.176	0.0026	0.0745	0.0007	1048	14.7	1044.9	14.5	1054.6	19.6	0.90%
245747_60		5.5055	0.1432	0.3412	0.007	0.117	0.0011	1901.5	22.1	1892.6	33.4	1911.1	16.4	1.00%
245747_56		5.044	0.1361	0.3255	0.007	0.1124	0.0011	1826.7	22.6	1816.3	33.8	1838.6	17.1	1.20%
245747_28		4.2597	0.0784	0.2967	0.0031	0.1041	0.0009	1685.6	15	1675.1	15.3	1698.9	16.3	1.40%
245747_97		11.7949	0.2539	0.4889	0.007	0.175	0.0016	2588.3	20	2565.8	30	2605.9	14.9	1.50%
245747_24		2.0076	0.0461	0.1883	0.0038	0.0773	0.0005	1118.1	15.5	1112.1	20.7	1129.8	12.9	1.60%
245747_73		2.3972	0.0649	0.2111	0.0049	0.0824	0.0008	1241.8	19.2	1234.5	25.8	1254.3	18.8	1.60%
245747_104		3.1702	0.0776	0.25	0.004	0.092	0.001	1449.9	18.7	1438.4	20.6	1467.1	19.7	2.00%
245747_105		3.9793	0.0998	0.2849	0.0048	0.1013	0.0011	1630	20.2	1615.8	23.8	1648.5	19.7	2.00%
245747_16		5.3747	0.1205	0.3351	0.0067	0.1163	0.0007	1880.8	19	1863	32.3	1900.8	10.4	2.00%
245747_33		3.5447	0.0598	0.2665	0.0022	0.0965	0.0008	1537.2	13.3	1523.2	11.1	1556.7	15.7	2.20%
245747_102		4.2039	0.1015	0.2933	0.0046	0.104	0.0011	1674.8	19.6	1658	23	1696	18.8	2.20%
245747_22		2.7005	0.062	0.2267	0.0046	0.0864	0.0006	1328.6	16.9	1317	24.1	1347.6	12.6	2.30%
245747_77		3.1657	0.0781	0.2494	0.0055	0.0921	0.0006	1448.8	18.9	1435.2	28.2	1468.9	13	2.30%
245747_26		4.6452	0.0822	0.3095	0.0029	0.1089	0.0009	1757.4	14.7	1738.3	14.3	1780.4	15.7	2.40%
245747_49		12.2419	0.2567	0.493	0.0069	0.1801	0.0016	2623.1	19.5	2583.5	29.7	2654	14.9	2.70%
245747_94		2.871	0.0614	0.2348	0.0032	0.0887	0.0008	1374.3	16	1359.8	16.9	1397.1	17.5	2.70%

245747_90		12.3774	0.2874	0.4951	0.008	0.1813	0.0017	2633.5	21.6	2592.9	34.5	2664.9	15.6	2.70%
245747_7		3.2157	0.1057	0.2511	0.0079	0.0929	0.0005	1461	25.1	1443.9	40.7	1485.8	10	2.80%
245747_87		5.0698	0.1087	0.323	0.0045	0.1138	0.001	1831.1	18	1804.4	22	1861.6	16.2	3.10%
245747_42		1.5608	0.0339	0.1579	0.002	0.0717	0.0008	954.8	13.3	945.3	11.3	976.8	22	3.20%
245747_72		3.2242	0.0764	0.2508	0.0052	0.0932	0.0006	1463	18.2	1442.8	26.9	1492.5	13	3.30%
245747_112		5.5105	0.1497	0.3368	0.0065	0.1187	0.0013	1902.2	23.1	1871.1	31.3	1936.5	19.7	3.40%
245747_79		0.775	0.02	0.0939	0.0022	0.0599	0.0004	582.6	11.4	578.5	12.7	598.9	15.9	3.40%
245747_93		2.2028	0.0492	0.1985	0.0029	0.0805	0.0008	1181.9	15.5	1167.3	15.6	1209	18.9	3.50%
245747_20		1.7442	0.0416	0.1702	0.0035	0.0743	0.0006	1025	15.3	1013.1	19.2	1050.8	15.6	3.60%
245747_74		3.8347	0.0914	0.2766	0.0058	0.1005	0.0007	1600.1	19	1574.4	29.2	1634.1	12.9	3.70%
245747_65		3.9039	0.1028	0.2792	0.0058	0.1014	0.0009	1614.5	21.1	1587.3	29.2	1650.2	17	3.80%
245747_82		4.1579	0.0975	0.2891	0.006	0.1043	0.0007	1665.8	19	1636.9	29.8	1702.4	12.3	3.80%
245747_40		11.2827	0.2148	0.4712	0.0055	0.1737	0.0015	2546.8	17.6	2489	24.3	2593.3	14.4	4.00%
245747_78		1.5637	0.0366	0.1576	0.0032	0.072	0.0005	955.9	14.4	943.4	18	984.8	13.9	4.20%
245747_61		1.734	0.0538	0.1691	0.004	0.0744	0.001	1021.2	19.8	1007.1	22.1	1051.6	26	4.20%
245747_59		15.3833	0.4021	0.5347	0.0111	0.2087	0.0019	2839.3	24.6	2761.1	46.5	2895.2	14.4	4.60%
245747_18		4.1215	0.0938	0.2864	0.0058	0.1044	0.0006	1658.6	18.4	1623.6	29.1	1703.4	11	4.70%
245747_64		1.6696	0.0454	0.1645	0.0035	0.0736	0.0008	997	17.1	981.7	19.1	1030.8	20.8	4.80%
245747_23		5.5607	0.1266	0.3356	0.0069	0.1202	0.0007	1910	19.4	1865.2	33	1959.2	10.4	4.80%
245747_75		0.5034	0.0135	0.0658	0.0014	0.0555	0.0006	414	9.1	410.7	8.6	432.9	24.1	5.10%
245747_84		1.7701	0.0471	0.1708	0.0038	0.0752	0.0008	1034.5	17.1	1016.5	20.7	1073	20.4	5.30%
245747_27		6.3959	0.1368	0.3588	0.0051	0.1293	0.0013	2031.7	18.6	1976.5	24.1	2088.3	17.2	5.40%
245747_96		4.4307	0.0966	0.2964	0.0043	0.1084	0.001	1718.1	17.9	1673.6	21.2	1772.9	16.7	5.60%
245747_39		2.2794	0.0428	0.201	0.002	0.0822	0.0008	1205.9	13.2	1180.8	10.6	1251.4	18.9	5.60%
245747_76		1.9371	0.0476	0.181	0.0039	0.0776	0.0006	1094	16.3	1072.5	21.1	1137	15.3	5.70%
245747_45		1.7224	0.0399	0.1674	0.0023	0.0746	0.0009	1016.9	14.8	997.8	12.9	1058.4	23.8	5.70%
245747_50		1.7683	0.034	0.1702	0.0019	0.0753	0.0007	1033.9	12.4	1013.5	10.4	1077.5	18	5.90%
245747_2		0.5619	0.0189	0.072	0.0023	0.0566	0.0004	452.7	12.2	448.1	13.8	476.5	14.4	6.00%
245747_4		1.7445	0.0658	0.1686	0.006	0.0751	0.0006	1025.1	24.1	1004.2	33.2	1070	15.7	6.20%
245747_52		1.8477	0.0372	0.1749	0.002	0.0766	0.0008	1062.6	13.2	1039.3	11.1	1111	19.5	6.50%
245747_67		1.9085	0.0607	0.1785	0.0049	0.0776	0.0007	1084.1	21	1058.7	26.8	1135.4	18.2	6.80%
245747_115		1.7829	0.046	0.1706	0.003	0.0758	0.0008	1039.2	16.7	1015.3	16.4	1090	21.9	6.80%
245747_114		13.1061	0.4437	0.4918	0.0138	0.1933	0.0021	2687.3	31.4	2578.6	59.3	2770.3	18	6.90%
245747_34		6.871	0.118	0.3679	0.0032	0.1355	0.0011	2094.9	15.1	2019.4	15.1	2170.1	14.7	6.90%
245747_83		2.5682	0.0606	0.2148	0.0044	0.0867	0.0006	1291.6	17.1	1254.4	23.5	1354	13.5	7.40%
245747_99		11.4675	0.3638	0.4632	0.0124	0.1796	0.0018	2561.9	29.2	2453.8	54.4	2648.7	16.3	7.40%
245747_37		0.5523	0.0103	0.0708	0.0006	0.0566	0.0006	446.5	6.7	440.8	3.7	476.1	22.6	7.40%
245747_48		2.0076	0.0419	0.1838	0.0024	0.0792	0.0008	1118.1	14	1087.7	13.2	1177.6	18.9	7.60%
245747_91		1.4223	0.0319	0.1457	0.0022	0.0708	0.0007	898.3	13.3	877.1	12.4	951	19.1	7.80%
245747_103		5.1314	0.1297	0.3153	0.0055	0.118	0.0012	1841.3	21.3	1766.8	26.7	1926.8	18.5	8.30%
245747_100		1.4836	0.0338	0.1498	0.0022	0.0719	0.0007	923.7	13.7	899.6	12.5	981.8	20.3	8.40%
245747_55		0.5768	0.0121	0.0732	0.0009	0.0571	0.0006	462.4	7.8	455.4	5.3	497.1	23.1	8.40%
245747_68		1.4755	0.0413	0.1491	0.0033	0.0718	0.0007	920.4	16.8	895.7	18.7	980	20	8.60%
245747_51		4.325	0.0811	0.287	0.0031	0.1093	0.0009	1698.1	15.4	1626.8	15.5	1787.5	15.7	9.00%
245747_44		3.9384	0.0837	0.2728	0.0036	0.1047	0.0011	1621.6	17.1	1554.8	18.2	1709.6	18.5	9.10%
245747_15		3.6285	0.0848	0.2599	0.0054	0.1013	0.0006	1555.8	18.4	1489.2	27.6	1647.6	11.8	9.60%
245747_32		2.7266	0.0534	0.2202	0.0025	0.0898	0.0009	1335.7	14.4	1282.8	13.3	1421.8	18.2	9.80%

245747_53	0.4873	0.0108	0.0635	0.0007	0.0557	0.0007	403.1	7.4	396.7	4.5	440.2	26.8	9.90%
> 10% discordant													
245747_63	0.5284	0.0146	0.0675	0.0014	0.0568	0.0006	430.7	9.7	420.9	8.6	483.8	24.3	13.00%
245747_106	0.5818	0.0148	0.0729	0.0012	0.0579	0.0006	465.6	9.4	453.4	7.3	526.3	24.2	13.80%
245747_66	3.7801	0.105	0.2592	0.0058	0.1058	0.001	1588.5	22.1	1485.7	29.5	1727.8	17.7	14.00%
245747_81	2.3674	0.0577	0.1932	0.0041	0.0889	0.0006	1232.8	17.2	1138.9	22.3	1401.1	13.7	18.70%
245747_58	4.1175	0.1348	0.215	0.0061	0.1389	0.0013	1657.8	26.4	1255.3	32.4	2213.7	16.3	43.30%
245747_88	0.7698	0.0262	0.0796	0.0023	0.0701	0.0007	579.7	14.9	494	13.8	931.5	21.7	47.00%
245747_80	39.9004	2.2373	0.4115	0.0226	0.7033	0.0055	3768.2	54.1	2221.7	102.5	4737.5	11.1	53.10%
245747_92	1.2799	0.0403	0.1006	0.0026	0.0923	0.001	836.8	17.8	618	15.3	1472.9	19.9	58.00%
245747_54	0.8493	0.0176	0.0607	0.0008	0.1016	0.001	624.3	9.6	379.6	4.6	1652.8	18.3	77.00%
245747_89	0.3905	0.029	0.0368	0.0027	0.0769	0.0008	334.7	21	233	16.5	1119.6	21.4	79.20%
245747_85	0.6108	0.0177	0.0478	0.0011	0.0926	0.0012	484.1	11.1	301.2	6.5	1479.8	25.1	79.60%
245747_30	2.6498	0.0528	0.2427	0.0029	0.0792	0.0008	1314.6	14.6	1400.8	14.8	1176.7	19.3	-19.00%
245747_8	0.5169	0.0217	0.0692	0.0024	0.0542	0.0009	423.1	14.4	431.3	14.3	378.1	38.9	-14.10%
245747_35	5.3274	0.1461	0.3153	0.0074	0.1226	0.001	1873.3	23.2	1766.7	36.1	1993.7	14.9	11.40%
245747_62	1.5269	0.0498	0.151	0.004	0.0733	0.0009	941.3	19.8	906.6	22.4	1023.3	24.3	11.40%
245747_46	1.4426	0.0304	0.145	0.0019	0.0722	0.0007	906.8	12.6	873	10.9	990.2	19.6	11.80%

## Isotopic Ratios

Grain #	207Pb/235U ±	206Pb/238U ±	207Pb/206Pb ±	207Pb/235U	±	206Pb/238U ±	(Ma)	207Pb/206Pb ±	(Ma)	(Ma)	% Disc		
Sample: Fram-2 (Fr-2) C-245760													
< 10% discordant													
245760_103	0.5334	0.0116	0.0707	0.0011	0.0547	0.0006	434.1	7.6	440.2	6.6	401.7	23.4	-9.60%
245760_105	3.4941	0.0733	0.2735	0.0042	0.0927	0.0009	1525.9	16.4	1558.5	21.3	1481.2	17.7	-5.20%
245760_106	20.2389	0.4232	0.641	0.0099	0.229	0.0021	3102.8	20	3192.8	38.9	3045.3	14.5	-4.80%
245760_97	5.5416	0.1352	0.3529	0.0069	0.1139	0.0012	1907.1	20.8	1948.3	32.6	1862.6	18.9	-4.60%
245760_108	0.9642	0.0242	0.1134	0.0022	0.0617	0.0007	685.5	12.4	692.5	12.4	662.7	25.4	-4.50%
245760_73	6.4615	0.1112	0.3811	0.0043	0.123	0.0011	2040.7	15	2081.4	19.9	1999.9	15.6	-4.10%
245760_111	8.5606	0.1765	0.4372	0.0066	0.142	0.0013	2292.4	18.6	2338	29.4	2252.2	15.8	-3.80%
245760_6	14.473	0.2855	0.551	0.0051	0.1905	0.0021	2781.2	18.6	2829.5	21	2746.6	18	-3.00%
245760_104	5.6617	0.1148	0.3537	0.0052	0.1161	0.0011	1925.6	17.3	1952.1	24.7	1897.3	16.2	-2.90%
245760_69	5.8827	0.1024	0.3607	0.0049	0.1183	0.0008	1958.7	15	1985.3	23.4	1930.8	12.8	-2.80%
234760_17	1.7016	0.0284	0.171	0.002	0.0722	0.0006	1009.1	10.6	1017.8	11	990.5	18.1	-2.80%
245760_55	2.1175	0.0364	0.1979	0.0014	0.0776	0.0008	1154.5	11.8	1164.1	7.7	1136.6	20.1	-2.40%
245760_74	5.0311	0.0768	0.3313	0.003	0.1101	0.0009	1824.6	12.9	1844.9	14.4	1801.6	14.3	-2.40%
245760_98	2.1559	0.0439	0.2001	0.003	0.0781	0.0007	1166.9	14	1175.9	16	1150.5	18.6	-2.20%
245760_94	2.0486	0.0402	0.1934	0.0027	0.0768	0.0007	1131.8	13.3	1139.7	14.8	1116.9	18	-2.00%
245760_114	2.7019	0.0561	0.2309	0.0035	0.0849	0.0008	1329	15.3	1339.3	18.3	1312.7	18	-2.00%
234760_20	1.6412	0.023	0.1663	0.0017	0.0716	0.0005	986.2	8.8	991.6	9.4	974.1	13.2	-1.80%
245760_63	2.4525	0.0419	0.2166	0.0029	0.0821	0.0006	1258.2	12.2	1263.8	15.4	1248.8	13.6	-1.20%
245760_92	5.6929	0.1087	0.3514	0.0049	0.1175	0.001	1930.3	16.4	1941.3	23.1	1918.7	15.2	-1.20%
245760_88	2.049	0.048	0.1927	0.0035	0.0771	0.0008	1132	15.8	1135.8	18.6	1124.8	21.5	-1.00%
245760_77	6.4532	0.1032	0.3742	0.0037	0.1251	0.001	2039.5	14	2049.2	17.3	2029.9	14.5	-1.00%
234760_24	13.8945	0.1973	0.5338	0.0058	0.1888	0.0012	2742.5	13.4	2757.3	24.1	2731.8	10	-0.90%
234760_28	11.2919	0.1767	0.4877	0.0061	0.1679	0.0011	2547.5	14.5	2560.8	26.2	2537.1	10.7	-0.90%
245760_96	5.3994	0.1075	0.3413	0.005	0.1147	0.001	1884.8	16.9	1893	24	1875.9	16	-0.90%

245760_13		1.5843	0.0318	0.1618	0.0015	0.071	0.0008	964.1	12.4	966.8	8.2	958	23.3	-0.90%
245760_91		2.5552	0.0629	0.2218	0.004	0.0836	0.0011	1287.9	17.8	1291.1	21.1	1282.8	24.5	-0.70%
245760_65		3.0298	0.0519	0.2459	0.0033	0.0894	0.0006	1415.2	13	1417.4	17.2	1411.9	13.2	-0.40%
234760_29		5.7427	0.0825	0.3514	0.0037	0.1185	0.0008	1937.8	12.4	1941.4	17.6	1934.1	12.1	-0.40%
245760_115		3.013	0.0622	0.245	0.0037	0.0892	0.0008	1410.9	15.6	1412.9	19	1408.2	17.7	-0.30%
245760_101		1.9231	0.0417	0.1843	0.0029	0.0757	0.0008	1089.1	14.4	1090.3	15.9	1087.2	20	-0.30%
245760_58		2.7054	0.0448	0.2294	0.0015	0.0855	0.0008	1329.9	12.2	1331.3	8	1327.8	18.6	-0.30%
245760_75		2.1416	0.0335	0.1978	0.0018	0.0785	0.0006	1162.3	10.8	1163.5	9.8	1160.4	16.2	-0.30%
245760_38		2.5252	0.051	0.2198	0.0021	0.0833	0.0009	1279.3	14.6	1280.6	11.2	1277.3	22.1	-0.30%
245760_14		2.8664	0.0605	0.2376	0.0025	0.0875	0.001	1373.1	15.8	1374	13.2	1371.9	22.8	-0.20%
245760_79		6.2561	0.0954	0.3665	0.0033	0.1238	0.001	2012.3	13.3	2013.1	15.5	2011.7	13.9	-0.10%
234760_18		2.7894	0.0503	0.2335	0.0031	0.0866	0.0008	1352.7	13.4	1353.1	16.1	1352.2	18	-0.10%
234760_22		4.7572	0.0605	0.3175	0.0028	0.1087	0.0006	1777.4	10.6	1777.3	13.8	1777.6	10.8	0.00%
245760_66		4.8742	0.0832	0.3216	0.0044	0.1099	0.0007	1797.8	14.3	1797.4	21.2	1798.5	12.3	0.10%
245760_54		1.8804	0.0317	0.1812	0.0013	0.0753	0.0007	1074.2	11.1	1073.7	7	1075.3	19.6	0.10%
245760_60		15.1485	0.2596	0.5492	0.0044	0.2001	0.0019	2824.6	16.2	2821.9	18.1	2826.6	15.7	0.20%
245760_10		5.6182	0.1117	0.3464	0.0032	0.1176	0.0013	1918.9	17	1917.3	15.3	1920.8	19.9	0.20%
245760_32		3.1554	0.0672	0.2513	0.0028	0.0911	0.0011	1446.3	16.3	1445.3	14.4	1448	22.4	0.20%
245760_1		1.7556	0.0365	0.1728	0.0017	0.0737	0.0009	1029.2	13.4	1027.7	9.2	1032.6	24.3	0.50%
245760_93		1.6735	0.0351	0.1672	0.0025	0.0726	0.0007	998.5	13.2	996.8	13.8	1002.5	20.8	0.60%
234760_26		3.1871	0.0463	0.2522	0.0027	0.0917	0.0006	1454	11.2	1449.6	13.9	1460.6	12.8	0.80%
245760_59		4.0622	0.0717	0.2898	0.0024	0.1017	0.001	1646.7	14.3	1640.5	12.1	1654.8	18.7	0.90%
245760_12		1.8669	0.0389	0.1798	0.0019	0.0753	0.0009	1069.4	13.7	1065.8	10.3	1077	23.3	1.00%
234760_21		12.5991	0.1698	0.5045	0.0049	0.1812	0.0011	2650.2	12.6	2633	21	2663.4	10.2	1.10%
245760_39		6.27	0.1248	0.3644	0.0035	0.1248	0.0014	2014.3	17.3	2002.8	16.4	2026.2	19.5	1.20%
245760_3		5.995	0.1212	0.356	0.0036	0.1221	0.0014	1975.1	17.4	1963.2	16.9	1987.8	19.7	1.20%
245760_37		2.6633	0.0537	0.2257	0.002	0.0856	0.001	1318.3	14.8	1312	10.7	1328.8	22.5	1.30%
245760_78		1.5794	0.0293	0.1603	0.0018	0.0715	0.0008	962.1	11.5	958.3	10.1	971	21.4	1.30%
245760_64		2.7107	0.0511	0.2281	0.0033	0.0862	0.0008	1331.4	13.9	1324.5	17.2	1342.6	16.7	1.30%
245760_102		1.8421	0.0382	0.178	0.0027	0.0751	0.0007	1060.6	13.6	1055.9	14.7	1070.5	18.8	1.40%
245760_35		4.962	0.1064	0.3222	0.0037	0.1117	0.0013	1812.9	18	1800.3	18	1827.5	21.3	1.50%
245760_49		1.9691	0.0341	0.1859	0.0014	0.0768	0.0008	1105	11.6	1099.2	7.7	1116.4	20.1	1.50%
245760_71		3.5637	0.0798	0.268	0.0043	0.0964	0.0011	1541.5	17.6	1530.7	21.7	1556.5	22	1.70%
245760_107		4.4998	0.0928	0.3054	0.0046	0.1069	0.001	1730.9	17	1717.8	22.7	1747.1	16.7	1.70%
245760_86		2.289	0.0453	0.2047	0.0029	0.0811	0.0007	1208.9	13.9	1200.8	15.6	1223.6	18	1.90%
245760_11		1.546	0.0316	0.1576	0.0015	0.0711	0.0008	948.9	12.5	943.6	8.4	961.5	23.9	1.90%
245760_113		5.8572	0.1193	0.3505	0.0052	0.1212	0.0011	1954.9	17.5	1937.1	24.8	1974	15.9	1.90%
245760_5		5.1145	0.1028	0.3267	0.0031	0.1136	0.0013	1838.5	16.9	1822.3	14.8	1857.1	20.5	1.90%
245760_47		5.7734	0.0974	0.3479	0.0026	0.1204	0.0012	1942.4	14.5	1924.4	12.3	1961.7	17.1	1.90%
245760_72		2.9772	0.0508	0.2408	0.0025	0.0897	0.0008	1401.8	12.9	1391.1	12.9	1418.3	17.9	1.90%
234760_25		16.3313	0.3885	0.5589	0.0119	0.212	0.0015	2896.4	22.5	2861.9	49.1	2920.6	11.8	2.00%
245760_4		13.6152	0.2737	0.5174	0.005	0.1909	0.0021	2723.3	18.8	2688.3	21.4	2749.6	18.2	2.20%
245760_109		3.9374	0.085	0.2828	0.0045	0.101	0.001	1621.4	17.3	1605.5	22.4	1642.3	18.3	2.20%
245760_44		5.3822	0.108	0.3345	0.0031	0.1167	0.0013	1882	17	1860.3	15.1	1906.2	20.3	2.40%
245760_2		4.4924	0.0886	0.3039	0.0027	0.1072	0.0012	1729.6	16.3	1710.5	13.4	1752.9	20.3	2.40%
245760_85		1.6769	0.0267	0.1663	0.0016	0.0731	0.0006	999.8	10.1	991.8	8.6	1017.5	17.1	2.50%
245760_62		1.8653	0.0317	0.1787	0.0024	0.0757	0.0005	1068.9	11.2	1059.9	13	1087.4	13.9	2.50%

245760_84		2.3982	0.0451	0.2102	0.0026	0.0828	0.0008	1242.1	13.4	1229.9	14	1263.4	19.1	2.70%
245760_112		5.816	0.1175	0.3473	0.0051	0.1215	0.0011	1948.8	17.4	1921.9	24.3	1977.7	15.9	2.80%
245760_45		1.7026	0.034	0.1677	0.0015	0.0736	0.0009	1009.5	12.7	999.4	8.2	1031.6	23.2	3.10%
245760_80		2.5271	0.0416	0.2167	0.0022	0.0846	0.0007	1279.9	11.9	1264.7	11.5	1305.6	17	3.10%
245760_76		7.9836	0.1273	0.4049	0.004	0.143	0.0012	2229.2	14.3	2191.4	18.4	2264.2	13.9	3.20%
245760_56		4.0277	0.0732	0.2848	0.0025	0.1026	0.0011	1639.8	14.7	1615.4	12.4	1671.3	19.5	3.30%
245760_50		3.0428	0.0509	0.2421	0.0016	0.0912	0.0009	1418.4	12.7	1397.4	8.4	1450.2	18.6	3.60%
245760_48		0.7105	0.0172	0.0875	0.0011	0.0589	0.0009	545	10.2	540.9	6.4	562.5	34.3	3.80%
245760_110		3.548	0.0758	0.2643	0.0043	0.0974	0.0009	1538	16.8	1511.8	21.7	1574.4	17	4.00%
245760_33		5.7951	0.1187	0.3443	0.0036	0.1221	0.0014	1945.7	17.6	1907.3	17.2	1986.9	19.8	4.00%
245760_53		0.5362	0.0097	0.0695	0.0005	0.056	0.0006	435.9	6.4	433	3.1	451.4	24.6	4.10%
245760_81		1.7132	0.0295	0.1676	0.0018	0.0741	0.0007	1013.5	11	999	9.9	1045	18.5	4.40%
245760_87		0.9612	0.0202	0.1107	0.0017	0.063	0.0006	683.9	10.4	676.5	9.7	708.4	21.5	4.50%
245760_82		0.9262	0.0155	0.1076	0.001	0.0625	0.0006	665.6	8.2	658.6	6	689.9	20.2	4.50%
245760_83		0.5648	0.0098	0.0724	0.0007	0.0566	0.0006	454.6	6.4	450.7	4.2	474.9	22.7	5.10%
245760_99		0.5523	0.0111	0.071	0.001	0.0564	0.0005	446.5	7.2	442.3	6.1	468.3	21.4	5.60%
245760_42		1.5267	0.0298	0.1543	0.0012	0.0718	0.0008	941.2	11.9	924.8	6.9	979.7	23.1	5.60%
245760_51		0.8212	0.0149	0.0977	0.0008	0.061	0.0007	608.7	8.3	600.8	4.5	638.3	23.7	5.90%
234760_30		0.5684	0.009	0.0727	0.0007	0.0567	0.0005	457	5.8	452.3	4.4	480.8	20.2	5.90%
245760_36		3.9506	0.0766	0.2776	0.0024	0.1032	0.0011	1624.1	15.6	1579.5	11.9	1682.6	20.2	6.10%
245760_31		0.5828	0.0116	0.0741	0.0006	0.057	0.0007	466.3	7.4	461.1	3.7	492.2	25.9	6.30%
245760_68		1.7061	0.0291	0.1659	0.0022	0.0746	0.0005	1010.8	10.8	989.4	12	1057.8	14.7	6.50%
245760_61		12.2055	0.2178	0.4768	0.007	0.1857	0.0012	2620.3	16.6	2513.2	30.4	2704.4	10.8	7.10%
245760_52		0.9284	0.0192	0.107	0.0011	0.0629	0.0008	666.8	10.1	655.3	6.5	705.9	26.9	7.20%
245760_8		3.686	0.0757	0.2654	0.0027	0.1007	0.0012	1568.3	16.3	1517.5	13.8	1637.6	21.1	7.30%
245760_67		1.6061	0.0353	0.1585	0.0026	0.0735	0.0008	972.6	13.7	948.2	14.7	1028.3	21.9	7.80%
245760_89		4.1986	0.0878	0.283	0.0046	0.1076	0.0009	1673.7	17	1606.3	23.1	1759.5	15.7	8.70%
245760_15		5.4559	0.1109	0.3245	0.0033	0.1219	0.0014	1893.7	17.3	1811.9	15.9	1984.8	19.9	8.70%
245760_41		0.4942	0.0107	0.0642	0.0006	0.0558	0.0007	407.8	7.2	401.3	3.8	444.6	29.1	9.70%
245760_100		1.7271	0.0358	0.165	0.0026	0.0759	0.0007	1018.7	13.2	984.7	14.2	1092.5	18.4	9.90%
> 10% discordant														
245760_43		3.8088	0.0806	0.2558	0.0031	0.108	0.0012	1594.6	16.9	1468.4	15.6	1765.9	20.1	16.80%
245760_90		5.3488	0.1098	0.2969	0.0046	0.1307	0.0012	1876.7	17.4	1676	22.8	2106.9	15.7	20.50%
234760_19		4.4344	0.0637	0.2704	0.003	0.119	0.0007	1718.8	11.8	1542.6	15	1940.8	10.9	20.50%
245760_70		4.0045	0.0914	0.253	0.0043	0.1148	0.0014	1635.1	18.4	1454.1	21.9	1876.6	21.5	22.50%
245760_7		0.6107	0.0125	0.0696	0.0007	0.0637	0.0008	484	7.9	433.5	3.9	731	25.1	40.70%
234760_23		1.782	0.0307	0.1346	0.002	0.096	0.0006	1038.9	11.1	814.1	11.1	1548.2	11.2	47.40%
245760_9		2.1652	0.0579	0.1415	0.0016	0.111	0.002	1169.9	18.4	853.4	9.1	1815.2	33.2	53.00%
245760_95		0.8547	0.0214	0.0481	0.001	0.1289	0.0013	627.2	11.6	302.8	6.1	2083.1	17.6	85.50%
245760_34		0.8114	0.0306	0.0289	0.001	0.2034	0.0024	603.3	17	183.9	6	2853.6	19.2	93.60%
245760_57		10.7891	0.1796	0.4394	0.003	0.1781	0.0017	2505.1	15.4	2347.7	13.6	2635.4	15.9	10.90%
245760_46		0.531	0.0097	0.0678	0.0006	0.0568	0.0006	432.5	6.4	422.8	3.5	484.2	23.7	12.70%
234760_16		1.4122	0.0221	0.1424	0.0015	0.072	0.0006	894.1	9.2	858	8.7	984.6	16.7	12.90%

## Isotopic Ratios

Grain #  
Sample: Fram-3 (Fr-3) C-140199

				Apparent Ages								
$^{207}\text{Pb}/^{235}\text{U}$	$\pm$	$^{206}\text{Pb}/^{238}\text{U}$	$\pm$	$^{207}\text{Pb}/^{206}\text{Pb}$	$\pm$	$^{207}\text{Pb}/^{235}\text{U}$	$\pm$	$^{206}\text{Pb}/^{238}\text{U}$	$\pm$	$^{207}\text{Pb}/^{206}\text{Pb}$	$\pm$	% Disc
						(Ma)				(Ma)		(Ma)

## &lt; 10% discordant

140199_88	3.6886	0.0874	0.2859	0.0049	0.0936	0.0009	1568.9	18.7	1621.1	24.4	1499.5	18.9	-8.10%
140199_1	2.0157	0.05	0.1952	0.0046	0.0749	0.0003	1120.8	16.7	1149.5	24.6	1065.6	9.3	-7.90%
140199_105	5.093	0.1303	0.3421	0.006	0.108	0.0012	1834.9	21.5	1897	28.7	1765.4	20.4	-7.50%
140199_3	3.1451	0.0908	0.2586	0.007	0.0882	0.0005	1443.8	22	1482.5	35.9	1387.3	11.3	-6.90%
140199_113	10.1782	0.2588	0.4796	0.0081	0.1539	0.0018	2451.1	23.2	2525.5	35.1	2390	19.9	-5.70%
140199_2	25.8797	0.6487	0.7081	0.0168	0.2651	0.0011	3342	24.2	3451.3	63.2	3277.2	6.7	-5.30%
140199_107	3.2942	0.0885	0.2626	0.0049	0.091	0.0011	1479.7	20.7	1503.3	24.7	1446.1	23.2	-3.90%
140199_67	3.479	0.067	0.2708	0.0036	0.0932	0.0008	1522.5	15.1	1545.1	18.3	1491.3	15.5	-3.60%
140199_77	5.5346	0.0937	0.3498	0.0042	0.1148	0.0008	1906	14.5	1933.7	20.1	1876.1	12.9	-3.10%
140199_4	4.3828	0.113	0.3079	0.0074	0.1032	0.0006	1709.1	21.1	1730.5	36.5	1683.1	9.9	-2.80%
140199_11	3.4786	0.1519	0.2697	0.0112	0.0936	0.0007	1522.4	33.9	1539.1	56.5	1499.3	13.6	-2.70%
140199_51	5.4072	0.1462	0.3443	0.0084	0.1139	0.0008	1886	22.9	1907.4	40.4	1862.6	13	-2.40%
140199_109	4.3452	0.1001	0.3058	0.0042	0.1031	0.0011	1702	18.8	1720.1	20.6	1679.9	20.4	-2.40%
140199_5	4.1194	0.1159	0.2967	0.0077	0.1007	0.0007	1658.2	22.7	1675.1	38.4	1636.8	12	-2.30%
140199_114	2.3471	0.0601	0.2113	0.0036	0.0806	0.001	1226.7	18.1	1235.9	18.9	1210.5	23.5	-2.10%
140199_53	6.098	0.1708	0.3653	0.0094	0.1211	0.0008	1990	24.1	2007.3	44.2	1972.1	12.2	-1.80%
140199_65	4.7136	0.1046	0.3186	0.0052	0.1073	0.001	1769.7	18.4	1783	25.4	1754.1	17.2	-1.60%
140199_7	2.3094	0.0574	0.2086	0.0049	0.0803	0.0004	1215.2	17.5	1221.3	25.9	1204.4	9.8	-1.40%
140199_74	4.1283	0.0707	0.2954	0.0036	0.1014	0.0008	1659.9	13.9	1668.5	17.8	1649.3	13.8	-1.20%
140199_93	6.1971	0.1357	0.367	0.0055	0.1225	0.0012	2004	19	2015.3	25.7	1992.6	17	-1.10%
140199_41	2.6186	0.0648	0.2256	0.005	0.0842	0.0006	1305.9	18	1311.3	26.3	1297	13	-1.10%
140199_34	3.7729	0.1273	0.2802	0.0086	0.0977	0.0008	1587	26.7	1592.4	43.1	1579.9	14.9	-0.80%
140199_58	1.6284	0.0304	0.1648	0.0021	0.0717	0.0006	981.3	11.7	983.7	11.4	976.1	16.7	-0.80%
140199_44	3.602	0.0993	0.2728	0.0069	0.0958	0.0006	1550	21.7	1555	35	1543.1	12.1	-0.80%
140199_27	5.2301	0.1789	0.3345	0.0104	0.1134	0.0009	1857.5	28.8	1860.3	50.3	1854.6	14.1	-0.30%
140199_20	4.382	0.1937	0.3039	0.0127	0.1046	0.0008	1709	35.9	1710.6	62.7	1707.1	13.6	-0.20%
140199_6	3.376	0.0838	0.2619	0.0061	0.0935	0.0004	1498.9	19.3	1499.7	31.3	1497.7	8.4	-0.10%
140199_45	0.9146	0.0255	0.1077	0.0028	0.0616	0.0004	659.5	13.5	659.4	16.1	659.8	14.2	0.10%
140199_9	4.1739	0.1041	0.2953	0.0069	0.1025	0.0005	1668.9	20.2	1667.8	34.4	1670.4	8.7	0.20%
140199_87	3.5129	0.0773	0.2677	0.004	0.0952	0.0009	1530.1	17.3	1528.9	20.3	1532	18.2	0.20%
140199_69	6.1786	0.1146	0.3633	0.0045	0.1234	0.001	2001.4	16.1	1997.7	21	2005.4	14.5	0.40%
140199_111	2.6697	0.0637	0.2268	0.0032	0.0854	0.001	1320.1	17.5	1317.7	16.9	1324.1	22.8	0.50%
140199_62	3.6665	0.0731	0.2737	0.0038	0.0972	0.0008	1564.1	15.8	1559.6	19.3	1570.4	15.9	0.70%
140199_94	1.5827	0.0393	0.1608	0.0029	0.0714	0.0008	963.4	15.3	961.4	16	968.2	22	0.70%
140199_55	2.8044	0.0741	0.2335	0.0056	0.0871	0.0006	1356.7	19.6	1353	29.3	1362.7	13.1	0.70%
140199_40	4.0394	0.1401	0.2889	0.0092	0.1014	0.0008	1642.2	27.8	1636.1	45.6	1650	14.7	0.80%
140199_37	3.1214	0.1061	0.2488	0.0077	0.091	0.0007	1438	25.8	1432.1	39.6	1446.8	15.3	1.00%
140199_16	11.7459	0.5437	0.4892	0.0215	0.1741	0.0014	2584.4	42.4	2567.4	92.5	2597.7	13	1.20%
140199_84	11.6801	0.2229	0.488	0.0072	0.1736	0.0013	2579.1	17.7	2562.2	31.2	2592.5	12.3	1.20%
140199_57	4.016	0.0888	0.2873	0.0047	0.1014	0.0009	1637.4	17.8	1628.1	23.6	1649.6	16.9	1.30%
140199_19	13.8253	0.606	0.5242	0.0218	0.1913	0.0014	2737.8	40.7	2716.9	91.7	2753.3	11.7	1.30%
140199_73	0.8195	0.0141	0.0985	0.0012	0.0603	0.0005	607.8	7.8	605.8	7.1	615.4	16	1.60%
140199_76	1.7455	0.0329	0.1715	0.0023	0.0738	0.0006	1025.5	12.1	1020.1	12.6	1037.2	17.5	1.60%
140199_108	3.2384	0.0808	0.2535	0.0041	0.0927	0.0011	1466.4	19.2	1456.3	21.3	1481.2	21.6	1.70%
140199_23	5.2756	0.2319	0.3324	0.0139	0.1151	0.0008	1864.9	36.8	1849.8	66.8	1881.9	13.1	1.70%
140199_10	5.9552	0.1515	0.3538	0.0085	0.1221	0.0006	1969.3	21.9	1952.9	40.4	1986.7	8.1	1.70%

140199_49	4.5644	0.1336	0.3076	0.0083	0.1076	0.0008	1742.8	24.1	1728.8	40.9	1759.7	12.7	1.80%
140199_50	6.082	0.1579	0.3574	0.0085	0.1234	0.0008	1987.7	22.4	1970	40.2	2006.2	11.1	1.80%
140199_63	6.2596	0.1211	0.3622	0.0048	0.1254	0.0011	2012.8	16.8	1992.5	22.7	2033.9	14.8	2.00%
140199_42	3.8253	0.1005	0.2785	0.0067	0.0996	0.0006	1598.1	20.9	1583.6	33.6	1617.3	12.1	2.10%
140199_64	5.8352	0.111	0.3493	0.0046	0.1212	0.001	1951.7	16.4	1931.1	21.8	1973.7	14.4	2.20%
140199_52	5.9876	0.1556	0.3536	0.0084	0.1228	0.0008	1974	22.4	1951.7	39.8	1997.6	11.4	2.30%
140199_60	2.6844	0.0629	0.2257	0.0041	0.0863	0.0008	1324.2	17.2	1311.7	21.3	1344.6	18	2.40%
140199_81	3.693	0.0628	0.2725	0.0033	0.0983	0.0007	1569.9	13.5	1553.2	16.8	1592.4	13.4	2.50%
140199_39	6.0173	0.2091	0.3538	0.0113	0.1234	0.001	1978.4	29.8	1952.7	53.4	2005.4	13.8	2.60%
140199_15	4.8081	0.2117	0.3146	0.0131	0.1109	0.0008	1786.3	36.3	1763.2	64.2	1813.5	13.2	2.80%
140199_78	4.7164	0.0776	0.3113	0.0036	0.1099	0.0008	1770.2	13.7	1747.1	17.4	1797.6	13	2.80%
140199_14	3.8057	0.1671	0.2763	0.0115	0.0999	0.0007	1594	34.7	1572.8	57.9	1622.2	13.6	3.00%
140199_95	4.6889	0.1066	0.3099	0.005	0.1098	0.0011	1765.3	18.9	1740	24.5	1795.4	17.5	3.10%
140199_106	2.3618	0.0622	0.2078	0.0038	0.0825	0.001	1231.1	18.6	1216.9	20.3	1256.3	22.5	3.10%
140199_82	4.2813	0.1135	0.2945	0.0066	0.1054	0.001	1689.8	21.6	1664.2	33	1721.8	17.3	3.30%
140199_29	3.9348	0.1341	0.281	0.0087	0.1015	0.0008	1620.9	27.2	1596.6	43.9	1652.6	14.4	3.40%
140199_110	6.0229	0.1389	0.3524	0.0048	0.124	0.0014	1979.2	19.9	1945.9	23.1	2014.2	19.6	3.40%
140199_32	5.71	0.191	0.3428	0.0104	0.1208	0.0009	1932.9	28.5	1900.2	49.9	1968.2	13.7	3.50%
140199_104	3.5704	0.0892	0.2655	0.0044	0.0976	0.0011	1543	19.6	1517.7	22.2	1577.9	21.3	3.80%
140199_33	3.8017	0.1269	0.2748	0.0084	0.1004	0.0008	1593.1	26.5	1564.9	42.1	1630.7	14	4.00%
140199_48	6.0454	0.2226	0.3516	0.0124	0.1247	0.0008	1982.4	31.6	1942.1	58.8	2024.8	11.3	4.10%
140199_25	5.4694	0.2398	0.3339	0.0139	0.1188	0.0009	1895.8	37	1857.3	66.8	1938.3	12.9	4.20%
140199_8	9.9448	0.2472	0.4444	0.0104	0.1623	0.0007	2429.7	22.7	2370.5	46.4	2479.7	7.5	4.40%
140199_17	1.4902	0.0703	0.1523	0.0065	0.071	0.0009	926.4	28.3	913.8	36.3	956.7	25.9	4.50%
140199_68	0.5541	0.012	0.0713	0.0011	0.0564	0.0006	447.7	7.8	444.1	6.4	466.2	22.1	4.70%
140199_46	7.8129	0.2113	0.3966	0.0098	0.1429	0.001	2209.7	24.1	2153.2	45.1	2262.6	11.7	4.80%
140199_70	12.8919	0.2488	0.4957	0.0066	0.1886	0.0015	2671.8	18	2595.4	28.5	2730.2	13.5	4.90%
140199_80	2.5622	0.0463	0.2169	0.0027	0.0857	0.0007	1289.9	13.1	1265.4	14.3	1331.1	16.4	4.90%
140199_79	2.9138	0.0536	0.2345	0.0031	0.0901	0.0007	1385.5	13.8	1357.8	16.2	1428.5	15.6	4.90%
140199_83	3.0393	0.052	0.2402	0.003	0.0918	0.0006	1417.5	13	1387.8	15.5	1462.7	13.4	5.10%
140199_54	1.6482	0.0468	0.1628	0.0041	0.0734	0.0006	988.9	17.8	972.4	22.9	1025.7	17.2	5.20%
140199_28	5.6579	0.1913	0.3372	0.0104	0.1217	0.0009	1925	28.8	1873	50	1981.5	13.6	5.50%
140199_56	0.5961	0.0137	0.0756	0.0012	0.0572	0.0006	474.7	8.7	470	7.4	497.9	23.1	5.60%
140199_92	1.8356	0.0483	0.1744	0.0032	0.0764	0.001	1058.3	17.2	1036.2	17.7	1104.3	24.8	6.20%
140199_24	14.7873	0.6487	0.519	0.0216	0.2066	0.0015	2801.6	40.9	2695	91.1	2879.4	11.6	6.40%
140199_91	4.2543	0.1053	0.2885	0.0051	0.107	0.0012	1684.6	20.1	1633.9	25.5	1748.4	20	6.50%
140199_96	5.2444	0.1464	0.322	0.0072	0.1181	0.0012	1859.9	23.5	1799.7	35.2	1927.9	18.3	6.70%
140199_43	5.6551	0.136	0.3345	0.0073	0.1226	0.0007	1924.5	20.5	1860.3	35.1	1994.6	10.6	6.70%
140199_86	5.4083	0.1574	0.3268	0.0078	0.12	0.0012	1886.2	24.6	1822.7	37.9	1957	18.3	6.90%
140199_59	2.8502	0.0603	0.2286	0.0036	0.0904	0.0008	1368.9	15.8	1327.3	19	1434.4	15.8	7.50%
140199_22	1.3326	0.0605	0.1393	0.0059	0.0694	0.0007	860	26	840.8	33.2	910.1	20.3	7.60%
140199_112	8.26	0.2133	0.3994	0.007	0.15	0.0017	2259.9	23.1	2166.1	32.2	2346.1	19.8	7.70%
140199_35	1.996	0.067	0.1826	0.0056	0.0793	0.0006	1114.2	22.4	1081	30.3	1179.5	15.5	8.30%
140199_85	6.2947	0.1053	0.3492	0.0041	0.1308	0.0009	2017.7	14.5	1930.7	19.6	2108.1	12.7	8.40%
140199_99	3.9545	0.1017	0.2743	0.0053	0.1046	0.0011	1624.9	20.6	1562.7	26.8	1706.6	19.5	8.40%
140199_72	2.3729	0.0405	0.2035	0.0025	0.0846	0.0006	1234.5	12.1	1194.1	13.4	1305.8	13.9	8.60%
140199_115	4.1679	0.1031	0.2812	0.0045	0.1075	0.0012	1667.7	20.1	1597.3	22.7	1757.6	20.8	9.10%

140199_13	4.1017	0.1838	0.2787	0.0118	0.1068	0.0008	1654.6	35.9	1584.6	59.4	1744.8	14.3	9.20%
140199_61	4.8095	0.1005	0.3025	0.0047	0.1153	0.001	1786.6	17.4	1703.9	23.2	1884.7	14.9	9.60%
> 10% discordant													
140199_75	1.9225	0.0415	0.1747	0.0028	0.0798	0.0008	1089	14.3	1038	15.5	1192.5	19.2	13.00%
140199_90	1.5477	0.0413	0.151	0.003	0.0744	0.0009	949.6	16.3	906.4	16.5	1051.2	23.8	13.80%
140199_31	4.7646	0.1606	0.2924	0.009	0.1182	0.0009	1778.7	27.9	1653.6	44.7	1928.8	13.8	14.30%
140199_103	4.8092	0.1193	0.2889	0.0038	0.1208	0.0017	1786.5	20.6	1635.9	19.1	1967.3	24.4	16.80%
140199_98	1.9026	0.0439	0.1704	0.0026	0.081	0.0009	1082	15.2	1014.1	14.5	1221.5	21	17.00%
140199_30	2.7065	0.0922	0.2084	0.0064	0.0942	0.0008	1330.3	24.9	1220.4	34.1	1511.9	15.9	19.30%
140199_71	4.8767	0.0931	0.2851	0.0037	0.1241	0.0012	1798.2	16	1616.9	18.3	2015.7	16.9	19.80%
140199_89	1.3995	0.0329	0.1363	0.0023	0.0745	0.0008	888.7	13.8	823.7	12.9	1054.6	20.5	21.90%
140199_26	2.3457	0.0937	0.1886	0.0071	0.0902	0.0007	1226.2	28	1113.8	38.2	1430	14.9	22.10%
140199_97	2.228	0.0602	0.1816	0.0038	0.089	0.001	1189.9	18.8	1075.7	20.6	1404	21	23.40%
140199_12	2.7337	0.1299	0.192	0.0087	0.1033	0.0008	1337.7	34.7	1132	47	1684.1	13.5	32.80%
140199_18	4.4299	0.198	0.226	0.0095	0.1422	0.0013	1717.9	36.4	1313.6	49.6	2253.6	15.4	41.70%
140199_21	3.271	0.1838	0.1946	0.0106	0.1219	0.0009	1474.2	42.8	1146.3	56.9	1984.3	13.3	42.20%
140199_66	1.4285	0.0344	0.103	0.0015	0.1006	0.0013	900.9	14.3	631.9	9.1	1635.4	24.2	61.40%
140199_102	1.1748	0.211	0.0649	0.0116	0.1312	0.0023	788.9	94	405.6	69.9	2114.2	30.8	80.80%
140199_36	15.9663	2.7918	0.1366	0.0219	0.8481	0.0454	2874.8	154.7	825.1	122.8	5004.7	73.9	83.50%
140199_47	16.1417	0.7473	0.017	0.0007	6.8776	0.1029	2885.2	43.3	108.8	4.5	7838.1	19.4	98.60%

## Isotopic Ratios

Grain #	207Pb/235U ±		206Pb/238U ±		207Pb/206Pb ±		Apparent Ages		207Pb/235U ±		206Pb/238U ±		207Pb/206Pb ±		% Disc
	(Ma)	(Ma)	(Ma)	(Ma)	(Ma)	(Ma)	(Ma)	(Ma)	(Ma)	(Ma)	(Ma)	(Ma)	(Ma)	(Ma)	
Sample: Beverly Inlet-1 (BI-1) C-128790															
< 10% discordant															
128790_38	4.5272	0.1519	0.3242	0.0101	0.1013	0.0007	1736	27.5	1810.2	48.8	1647.8	13	-9.90%		
128790_43	0.4842	0.014	0.0646	0.0016	0.0543	0.0005	401	9.5	403.8	9.8	384.6	18.8	-5.00%		
128790_6	3.9089	0.2146	0.2911	0.0155	0.0974	0.0007	1615.5	43.4	1647.1	77.2	1574.7	12.9	-4.60%		
128790_49	0.8793	0.0182	0.1054	0.0018	0.0605	0.0005	640.6	9.8	646	10.5	621.7	16.5	-3.90%		
128790_27	0.6974	0.026	0.0875	0.003	0.0578	0.0005	537.2	15.4	540.5	17.8	523.2	17.1	-3.30%		
128790_23	0.761	0.0297	0.0937	0.0033	0.0589	0.0005	574.6	17	577.5	19.7	563.1	19.8	-2.60%		
128790_63	0.7182	0.0126	0.0894	0.0009	0.0583	0.0005	549.6	7.4	552	5.3	539.9	20.4	-2.20%		
128790_76	0.5417	0.0115	0.0708	0.001	0.0555	0.0005	439.5	7.6	441.1	6.3	431.6	20.3	-2.20%		
128790_39	0.8287	0.0246	0.1002	0.0026	0.06	0.0006	612.9	13.6	615.6	15	603	20	-2.10%		
128790_64	3.2871	0.0603	0.2593	0.0035	0.092	0.0007	1478	14.2	1486	17.9	1466.5	14.3	-1.30%		
128790_97	0.5374	0.0118	0.0702	0.0011	0.0555	0.0006	436.7	7.7	437.5	6.8	433.1	22.8	-1.00%		
128790_78	0.6978	0.014	0.0871	0.0012	0.0581	0.0005	537.5	8.3	538.5	7.1	533.3	18.6	-1.00%		
128790_58	0.496	0.0135	0.0656	0.0015	0.0548	0.0006	409	9.1	409.5	8.9	406	24.4	-0.90%		
128790_45	0.6901	0.0192	0.0863	0.0021	0.058	0.0004	532.9	11.5	533.5	12.6	530.2	15.8	-0.60%		
128790_99	1.8557	0.0361	0.18	0.0026	0.0748	0.0006	1065.5	12.8	1066.8	14.2	1062.8	17.1	-0.40%		
128790_59	5.5252	0.1002	0.3436	0.0055	0.1166	0.0006	1904.5	15.5	1903.8	26.3	1905.5	8.8	0.10%		
128790_24	4.0353	0.1491	0.2898	0.01	0.101	0.0007	1641.3	29.6	1640.3	49.7	1642.7	12.8	0.10%		
128790_88	3.1435	0.0641	0.2506	0.0036	0.091	0.0007	1443.4	15.6	1441.4	18.7	1446.5	15.5	0.30%		
128790_2	2.8026	0.1523	0.2338	0.0123	0.0869	0.0006	1356.2	39.9	1354.3	64.1	1359.3	13.8	0.40%		
128790_62	1.9858	0.0289	0.1877	0.0017	0.0767	0.0005	1110.7	9.8	1108.9	9.3	1114.3	12.9	0.50%		
128790_5	13.5177	0.7053	0.5214	0.0266	0.188	0.001	2716.5	48.2	2705.2	111.8	2725.1	8.5	0.70%		
128790_61	4.4745	0.0689	0.3048	0.003	0.1065	0.0007	1726.3	12.7	1714.9	14.9	1740.1	12.7			

128790_29		0.8392	0.0311	0.1004	0.0034	0.0606	0.0004	618.7	17	616.7	20.1	625.9	15.9	1.50%
128790_53		0.7978	0.0152	0.0965	0.0016	0.06	0.0004	595.6	8.5	593.8	9.2	602.7	13.3	1.50%
128790_72		0.6883	0.0113	0.0857	0.0009	0.0582	0.0004	531.8	6.8	530.2	5.5	538.8	16.2	1.60%
128790_9		1.9895	0.1061	0.1871	0.0097	0.0771	0.0005	1112	35.4	1105.9	52.4	1123.9	14	1.60%
128790_30		4.3165	0.2485	0.2986	0.0165	0.1049	0.001	1696.5	46.4	1684.1	81.2	1711.9	17.5	1.60%
128790_96		0.4375	0.0093	0.0587	0.0009	0.0541	0.0005	368.5	6.6	367.5	5.5	374.8	22.6	1.90%
128790_55		3.9374	0.0753	0.2832	0.0047	0.1008	0.0006	1621.4	15.4	1607.6	23.7	1639.5	10.7	1.90%
128790_18		20.9583	0.8074	0.617	0.0221	0.2464	0.0019	3136.7	36.7	3098.1	87.6	3161.5	11.9	2.00%
128790_56		0.689	0.0153	0.0857	0.0015	0.0583	0.0005	532.2	9.2	530.1	9.1	541.4	19.7	2.10%
128790_104		1.566	0.029	0.1589	0.0023	0.0715	0.0005	956.9	11.4	950.7	12.7	971.2	14.9	2.10%
128790_82		0.6882	0.02	0.0856	0.0016	0.0583	0.0009	531.7	12	529.5	9.7	541.3	33.1	2.20%
128790_14		3.6807	0.1992	0.2723	0.0143	0.098	0.0007	1567.2	42.3	1552.5	72.1	1587.1	13.1	2.20%
128790_73		1.673	0.0289	0.1662	0.0018	0.073	0.0006	998.3	10.9	991.4	10.1	1013.7	16.9	2.20%
128790_83		1.5161	0.032	0.1553	0.0023	0.0708	0.0006	936.9	12.8	930.6	12.8	951.8	18.2	2.20%
128790_40		0.5046	0.0142	0.0662	0.0016	0.0553	0.0004	414.8	9.5	413.3	9.9	423.2	17.2	2.30%
128790_28		4.7205	0.173	0.3122	0.0107	0.1097	0.0008	1770.9	30.2	1751.5	52.1	1793.8	12.4	2.40%
128790_105		1.8338	0.0321	0.1767	0.0025	0.0753	0.0005	1057.6	11.4	1049.1	13.5	1075.5	12.3	2.50%
128790_101		0.7518	0.014	0.0918	0.0013	0.0594	0.0005	569.3	8.1	566.3	7.6	581.2	17.4	2.60%
128790_65		2.0928	0.0342	0.1927	0.002	0.0788	0.0006	1146.4	11.2	1136	10.7	1166.3	15.4	2.60%
128790_81		0.8925	0.0212	0.105	0.0017	0.0616	0.0007	647.7	11.3	643.7	9.7	661.9	24.3	2.80%
128790_37		0.8411	0.0236	0.1003	0.0025	0.0608	0.0005	619.7	12.9	616	14.6	633.7	16.1	2.80%
128790_4		0.7563	0.0413	0.0922	0.0049	0.0595	0.0005	571.9	23.6	568.5	28.6	585.3	18.1	2.90%
128790_66		2.5671	0.0588	0.2191	0.0042	0.085	0.0007	1291.3	16.6	1277.2	22.1	1314.9	15	2.90%
128790_60		2.7571	0.0496	0.2289	0.0036	0.0874	0.0004	1344	13.3	1328.6	19.1	1368.7	9.2	2.90%
128790_13		2.32	0.1223	0.2055	0.0106	0.0819	0.0005	1218.4	36.7	1204.8	56.2	1242.8	12.2	3.10%
128790_67		2.506	0.0419	0.2157	0.0023	0.0843	0.0007	1273.8	12.1	1258.9	12.2	1299	15.5	3.10%
128790_50		0.7012	0.0137	0.0867	0.0015	0.0587	0.0004	539.5	8.2	535.9	8.7	555	13.7	3.40%
128790_34		1.5489	0.0448	0.1569	0.004	0.0716	0.0006	950	17.7	939.8	22.4	974	15.7	3.50%
128790_94		0.5731	0.0103	0.0735	0.001	0.0565	0.0004	460	6.6	457.3	6.1	473.9	15.7	3.50%
128790_95		0.7004	0.0169	0.0866	0.0015	0.0587	0.0007	539.1	10.1	535.1	8.8	555.8	26.1	3.70%
128790_52		0.7038	0.0146	0.0869	0.0015	0.0588	0.0005	541	8.7	537.1	8.9	558	16.9	3.80%
128790_25		0.9965	0.0371	0.1139	0.0039	0.0634	0.0005	702	18.7	695.4	22.7	723.3	15.7	3.90%
128790_93		3.8783	0.0662	0.2779	0.0037	0.1012	0.0006	1609.2	13.7	1581	18.8	1646.4	11.4	4.00%
128790_21		3.2952	0.1225	0.253	0.0087	0.0945	0.0007	1479.9	28.5	1454	44.7	1517.4	13.9	4.20%
128790_47		3.2861	0.0609	0.2524	0.0041	0.0944	0.0005	1477.8	14.3	1451	21.2	1516.6	9.8	4.30%
128790_1		1.52	0.0884	0.1543	0.0088	0.0715	0.0005	938.5	35	925	48.8	970.4	13	4.70%
128790_70		3.8979	0.0571	0.2777	0.0025	0.1018	0.0007	1613.2	11.8	1579.5	12.6	1657.6	12.3	4.70%
128790_36		0.5318	0.0152	0.0689	0.0017	0.056	0.0004	433	10	429.6	10.5	451.3	17.4	4.80%
128790_92		1.6383	0.0334	0.1623	0.0026	0.0732	0.0006	985.1	12.8	969.4	14.4	1020.2	16.7	5.00%
128790_75		0.6997	0.0132	0.0862	0.0011	0.0588	0.0005	538.6	7.8	533.3	6.2	561.4	20.2	5.00%
128790_57		1.8175	0.0367	0.174	0.003	0.0758	0.0005	1051.8	13.1	1034	16.5	1089	13.3	5.00%
128790_102		0.6506	0.0127	0.0813	0.0013	0.058	0.0004	508.8	7.8	504	7.5	530.8	16.4	5.00%
128790_48		0.8155	0.0157	0.0973	0.0016	0.0608	0.0004	605.6	8.7	598.7	9.3	631.6	13.9	5.20%
128790_35		5.5749	0.1604	0.3347	0.0086	0.1208	0.0009	1912.2	24.5	1861.2	41.5	1968.1	12.8	5.40%
128790_15		5.6801	0.2976	0.3375	0.0173	0.1221	0.0007	1928.3	44.3	1874.5	82.7	1986.8	10	5.60%
128790_31		0.8412	0.0249	0.0996	0.0025	0.0613	0.0006	619.8	13.6	611.9	14.8	649.1	19.8	5.70%
128790_51		0.6684	0.0135	0.083	0.0014	0.0584	0.0005	519.7	8.2	513.9	8.2	545.7	17	5.80%

128790_103		2.1079	0.038	0.1911	0.0027	0.08	0.0005	1151.4	12.3	1127.1	14.7	1197.5	13.2	5.90%
128790_98		0.8244	0.016	0.098	0.0015	0.061	0.0005	610.5	8.9	602.5	8.9	640.6	15.8	6.00%
128790_32		1.5682	0.0461	0.1569	0.004	0.0725	0.0006	957.7	18.1	939.6	22.3	999.5	17.7	6.00%
128790_77		0.8185	0.019	0.0974	0.0015	0.061	0.0007	607.2	10.6	599	8.8	638.1	23.8	6.10%
128790_19		0.4991	0.0194	0.0652	0.0024	0.0556	0.0004	411.1	13.1	406.9	14.2	434.6	17.9	6.40%
128790_16		0.7009	0.0265	0.0859	0.003	0.0591	0.0005	539.3	15.7	531.5	17.6	572.4	19.1	7.10%
128790_54		0.7147	0.013	0.0873	0.0014	0.0594	0.0003	547.6	7.7	539.5	8.2	581.6	11.5	7.30%
128790_41		0.693	0.0195	0.0851	0.0021	0.059	0.0005	534.6	11.6	526.7	12.5	568.5	16.7	7.40%
128790_42		5.6018	0.1575	0.3315	0.0083	0.1225	0.0009	1916.4	23.9	1845.9	40.1	1993.6	12.6	7.40%
128790_89		0.9196	0.0194	0.1061	0.0016	0.0628	0.0005	662.2	10.2	650.3	9.2	702.7	18.5	7.50%
128790_87		0.9543	0.0216	0.1091	0.0017	0.0635	0.0007	680.4	11.1	667.3	9.7	723.9	22	7.80%
128790_69		0.8396	0.0135	0.0989	0.001	0.0616	0.0005	618.9	7.4	607.8	5.7	660.2	16.6	7.90%
128790_26		0.8531	0.0316	0.1	0.0034	0.0619	0.0005	626.3	17.2	614.6	20.1	669.1	15.8	8.20%
128790_46		3.8458	0.0749	0.2704	0.0047	0.1032	0.0005	1602.4	15.6	1543	23.8	1681.6	9.5	8.20%
128790_11		11.5124	0.6102	0.4608	0.0239	0.1812	0.001	2565.6	48.3	2443.2	104.4	2663.9	9.6	8.30%
128790_17		0.4462	0.0169	0.0591	0.002	0.0548	0.0005	374.6	11.8	370	12.4	403.6	19.4	8.30%
128790_79		5.0554	0.1066	0.3113	0.0048	0.1178	0.001	1828.6	17.7	1747.1	23.7	1923	14.5	9.10%
128790_86		0.6655	0.0164	0.0821	0.0015	0.0588	0.0006	518	10	508.4	8.6	560.9	23.8	9.40%
128790_22		0.4978	0.0193	0.0646	0.0023	0.0559	0.0005	410.2	13	403.8	13.7	446.8	20.9	9.60%
> 10% discordant														
128790_33		0.4263	0.0139	0.0564	0.0015	0.0548	0.0006	360.6	9.9	353.7	9.4	405.5	25.9	12.80%
128790_74		3.9213	0.0664	0.2626	0.0033	0.1083	0.0007	1618.1	13.6	1503	16.6	1771.3	12	15.10%
128790_10		0.659	0.0401	0.08	0.0047	0.0597	0.0005	514	24.2	496.2	28.1	594	18.5	16.50%
128790_3		0.6426	0.0348	0.0783	0.0041	0.0595	0.0005	503.9	21.3	485.9	24.3	586.6	18.7	17.20%
128790_90		1.8658	0.0758	0.1679	0.0063	0.0806	0.0007	1069	26.5	1000.8	34.9	1211.2	17.8	17.40%
128790_8		4.372	0.2291	0.2647	0.0136	0.1198	0.0006	1707.1	42.4	1513.9	68.8	1953.1	9.5	22.50%
128790_80		0.4187	0.0103	0.0537	0.001	0.0565	0.0006	355.1	7.4	337.2	6.1	473.8	21.7	28.80%
128790_20		0.5548	0.0265	0.0658	0.0029	0.0611	0.0007	448.1	17.1	411	17.6	643.8	23.7	36.20%
128790_7		0.4329	0.0231	0.0539	0.0028	0.0582	0.0005	365.2	16.2	338.6	16.9	537.6	19	37.00%
128790_44		1.0244	0.038	0.1013	0.0027	0.0733	0.0013	716.1	18.9	622	15.9	1023.6	35.9	39.20%
128790_85		0.8745	0.0202	0.0908	0.0015	0.0699	0.0007	638	10.9	560.1	9.1	924.8	19.3	39.40%
128790_68		0.3953	0.0122	0.0488	0.0013	0.0587	0.0006	338.2	8.8	307.2	8.1	557.6	20.8	44.90%
128790_100		0.5207	0.0095	0.0588	0.0009	0.0642	0.0004	425.6	6.3	368.5	5.2	748.1	14.1	50.70%
128790_71		0.5814	0.0121	0.0629	0.001	0.067	0.0006	465.4	7.7	393.5	5.9	837.8	18.4	53.00%
128790_12		1.3339	0.0908	0.1003	0.0052	0.0965	0.0029	860.6	38.8	616.1	30.2	1556.8	55.4	60.40%
128790_84		3.9273	0.2041	0.0755	0.0034	0.3772	0.0073	1619.3	41.2	469.3	20.2	3820.8	28.8	87.70%
128790_91		0.8249	0.015	0.0965	0.0014	0.062	0.0004	610.8	8.3	593.6	8	675.1	15.2	12.10%

#### Isotopic Ratios

Grain #	207Pb/235U	±	206Pb/238U	±	207Pb/206Pb	±	Apparent Ages (Ma)	207Pb/235U	±	206Pb/238U	±	207Pb/206Pb	±	% Disc
Sample: Beverly Inlet-2 (BI-2) C-133862														
< 10% discordant														
133862_96	6.2884	0.129	0.3752	0.0061	0.1216	0.0009	2016.8	17.8	2053.8	28.5	1979.3	12.7	-3.80%	
133862_25	1.7585	0.0237	0.1746	0.0019	0.0731	0.0004	1030.3	8.7	1037.1	10.2	1012.8	16.4	-2.40%	
133862_6	1.6815	0.0355	0.1687	0.0028	0.0723	0.0006	1001.6	13.4	1004.7	15.3	994.8	16.5	-1.00%	
133862_51	1.7914	0.0352	0.1758	0.0016	0.0739	0.0007	1042.3	12.7	1044.3	8.5	1038.5	19.3	-0.60%	
133862_46	2.083	0.0418	0.1943	0.0018	0.0777	0.0008	1143.2	13.7	1144.8	9.5	1140.4	19.7	-0.40%	

133862_73	4.5912	0.0507	0.3116	0.0032	0.1069	0.0003	1747.7	9.2	1748.5	15.5	1746.8	5.3	-0.10%
133862_18	1.5015	0.0208	0.1551	0.0017	0.0702	0.0004	931	8.4	929.5	9.5	931.4	16.9	0.20%
133862_110	2.4868	0.1131	0.2171	0.0092	0.0831	0.0009	1268.2	32.4	1266.5	48.5	1271.2	22.1	0.40%
133862_49	1.8628	0.0372	0.1798	0.0016	0.0751	0.0007	1068	13.1	1066.1	9	1072	19.6	0.60%
133862_41	13.9885	0.3382	0.5294	0.009	0.1916	0.0019	2748.9	22.7	2739.1	37.9	2756.3	15.9	0.60%
133862_4	3.4657	0.0669	0.2648	0.0041	0.0949	0.0006	1519.4	15.1	1514.3	20.8	1526.8	12.5	0.80%
133862_50	1.4094	0.0382	0.1482	0.0023	0.069	0.001	892.9	16	890.7	12.8	898.5	29	0.90%
133862_63	4.1276	0.0475	0.2922	0.0031	0.1024	0.0003	1659.8	9.4	1652.7	15.3	1668.9	6	1.00%
133862_62	4.8939	0.0516	0.3207	0.0031	0.1107	0.0003	1801.2	8.8	1793.1	15.3	1810.7	4.7	1.00%
133862_65	2.6947	0.0298	0.2276	0.0023	0.0859	0.0003	1327	8.2	1321.8	11.9	1335.5	6.4	1.00%
133862_45	5.8683	0.1178	0.3525	0.004	0.1208	0.0011	1956.6	17.3	1946.3	19.1	1967.6	16.1	1.10%
133862_47	4.033	0.0865	0.2883	0.0033	0.1015	0.001	1640.9	17.3	1632.9	16.3	1651.3	18.9	1.10%
133862_20	5.2199	0.0683	0.3309	0.0034	0.1144	0.0006	1855.9	11.1	1842.9	16.6	1867.8	14.4	1.30%
133862_60	6.2263	0.1292	0.3627	0.004	0.1245	0.0012	2008.1	18	1994.9	18.8	2022	17	1.30%
133862_68	3.8456	0.046	0.2802	0.003	0.0995	0.0004	1602.3	9.6	1592.6	15.1	1615.4	7	1.40%
133862_64	1.7361	0.0185	0.171	0.0017	0.0737	0.0002	1022	6.9	1017.3	9.1	1032.1	6	1.40%
133862_72	17.8107	0.2312	0.5806	0.007	0.2225	0.0007	2979.6	12.4	2951.2	28.6	2998.8	5.2	1.60%
133862_114	1.0609	0.019	0.1201	0.0016	0.0641	0.0005	734.3	9.3	731.3	9	743.7	15.6	1.70%
133862_59	3.8974	0.0783	0.2818	0.0026	0.1003	0.001	1613.1	16.1	1600.3	13.2	1630.1	18.2	1.80%
133862_82	2.0157	0.0384	0.1886	0.0032	0.0775	0.0004	1120.8	12.8	1113.7	17.2	1134.6	10.7	1.80%
133862_107	1.7975	0.0315	0.1747	0.0023	0.0746	0.0005	1044.6	11.4	1037.9	12.4	1058.8	14	2.00%
133862_30	3.9881	0.0606	0.2849	0.0034	0.1015	0.0006	1631.8	12.3	1616.1	17.2	1649.2	16.2	2.00%
133862_85	3.9913	0.0778	0.2852	0.0049	0.1015	0.0006	1632.4	15.7	1617.5	24.5	1651.8	10.6	2.10%
133862_2	1.8287	0.0398	0.1766	0.003	0.0751	0.0006	1055.8	14.2	1048.3	16.5	1071.5	16.9	2.20%
133862_26	1.8287	0.0223	0.1763	0.0017	0.0752	0.0003	1055.8	8	1046.9	9.2	1071.3	15.6	2.30%
133862_3	2.1224	0.0434	0.1947	0.0031	0.0791	0.0006	1156.1	14	1146.7	16.8	1174.1	15.2	2.30%
133862_102	3.2932	0.0597	0.2552	0.0034	0.0936	0.0006	1479.5	14	1465.1	17.5	1500.2	12.9	2.30%
133862_83	4.6256	0.0886	0.3088	0.0053	0.1086	0.0006	1753.9	15.9	1734.7	25.8	1776.9	9.7	2.40%
133862_28	5.5473	0.0897	0.3395	0.0045	0.1185	0.0007	1908	13.8	1884.5	21.4	1930.9	15.8	2.40%
133862_8	1.8971	0.0363	0.1807	0.0028	0.0761	0.0005	1080.1	12.6	1070.8	15	1099	13.1	2.60%
133862_5	13.1508	0.2441	0.5085	0.0076	0.1876	0.0011	2690.5	17.4	2650.1	32.5	2721.2	9.8	2.60%
133862_15	4.6765	0.0913	0.3102	0.0049	0.1094	0.0007	1763	16.2	1741.6	24.1	1788.7	11.7	2.60%
133862_23	1.8599	0.025	0.178	0.0018	0.0758	0.0004	1067	8.8	1056.2	9.6	1086	17.3	2.70%
133862_92	1.9897	0.0391	0.1862	0.0027	0.0775	0.0006	1112	13.2	1100.9	14.6	1133.9	15.8	2.90%
133862_86	3.7468	0.0717	0.2739	0.0047	0.0992	0.0005	1581.4	15.2	1560.4	23.6	1609.7	9.7	3.10%
133862_108	1.8229	0.033	0.1756	0.0023	0.0753	0.0006	1053.7	11.8	1042.9	12.8	1076.4	14.7	3.10%
133862_11	15.3093	0.2893	0.5397	0.0082	0.2058	0.0013	2834.7	17.9	2782	34.4	2872.5	9.9	3.20%
133862_21	3.0747	0.0379	0.2438	0.0023	0.0915	0.0004	1426.4	9.4	1406.3	12	1453.7	14.9	3.30%
133862_12	1.9828	0.0407	0.1855	0.003	0.0775	0.0006	1109.7	13.7	1097.1	16.3	1134.5	15.2	3.30%
133862_36	15.4091	0.3519	0.5404	0.0084	0.2068	0.0019	2840.9	21.5	2785.3	34.9	2880.7	15.1	3.30%
133862_79	4.3552	0.0854	0.2972	0.0052	0.1063	0.0006	1703.9	16.1	1677.6	25.8	1736.4	9.8	3.40%
133862_54	10.4449	0.2105	0.4572	0.004	0.1657	0.0017	2475	18.5	2427.4	17.6	2514.5	17.2	3.50%
133862_100	3.2727	0.0608	0.2529	0.0035	0.0939	0.0007	1474.6	14.4	1453.2	17.9	1505.6	13.3	3.50%
133862_101	1.7721	0.0343	0.172	0.0025	0.0747	0.0006	1035.3	12.5	1023.1	13.6	1061.3	15.4	3.60%
133862_19	2.6003	0.0352	0.2198	0.0023	0.0858	0.0005	1300.7	9.9	1281	12.2	1330.6	16.1	3.70%
133862_77	2.5904	0.0501	0.2193	0.0037	0.0857	0.0005	1297.9	14.1	1278.2	19.7	1330.7	11.1	3.90%
133862_97	4.3348	0.0824	0.2953	0.0042	0.1065	0.0008	1700	15.6	1668.1	21.1	1739.8	12.9	4.10%

133862_22		2.7297	0.0366	0.226	0.0023	0.0876	0.0005	1336.6	9.9	1313.4	12.1	1371	16.1	4.20%
133862_61		1.5186	0.0224	0.1544	0.0018	0.0713	0.0005	937.9	9	925.6	10.2	966.9	13.3	4.30%
133862_31		5.7272	0.1662	0.3416	0.008	0.1216	0.0012	1935.5	24.8	1894.5	38.4	1979.9	17	4.30%
133862_33		2.9566	0.061	0.2369	0.0028	0.0905	0.0008	1396.6	15.5	1370.6	14.8	1436.5	17.7	4.60%
133862_38		5.3295	0.1152	0.3284	0.0045	0.1177	0.0011	1873.6	18.3	1830.8	21.6	1921.6	16.8	4.70%
133862_76		4.1149	0.0765	0.2861	0.0048	0.1043	0.0005	1657.3	15.1	1621.8	23.8	1702.6	8.8	4.70%
133862_32		2.7728	0.0579	0.2278	0.0028	0.0883	0.0008	1348.2	15.5	1322.7	14.8	1389.2	17.9	4.80%
133862_40		1.8151	0.0384	0.1739	0.0021	0.0757	0.0008	1050.9	13.8	1033.6	11.5	1087.3	19.9	4.90%
133862_99		5.7039	0.1182	0.3394	0.0054	0.1219	0.001	1932	17.7	1883.8	25.9	1984.1	14	5.10%
133862_56		3.5691	0.0733	0.2637	0.0026	0.0982	0.001	1542.7	16.2	1508.7	13.5	1589.7	18.6	5.10%
133862_90		2.7366	0.0528	0.2256	0.0038	0.088	0.0005	1338.5	14.2	1311.4	20	1382.1	11.1	5.10%
133862_95		6.2418	0.1174	0.355	0.005	0.1275	0.0009	2010.3	16.3	1958.2	23.9	2064.5	12.3	5.10%
133862_71		4.921	0.0584	0.3137	0.0035	0.1138	0.0003	1805.9	10	1758.7	17	1860.9	5.3	5.50%
133862_39		2.0486	0.0458	0.1878	0.0024	0.0791	0.0009	1131.8	15.2	1109.5	13.2	1175.1	21.4	5.60%
133862_69		5.7997	0.068	0.341	0.0036	0.1233	0.0004	1946.4	10.1	1891.6	17.3	2005.2	6.2	5.70%
133862_27		6.1111	0.0939	0.3496	0.0045	0.1268	0.0006	1991.8	13.3	1932.8	21.7	2051.1	14.2	5.80%
133862_111		2.9579	0.0509	0.2353	0.003	0.0912	0.0006	1396.9	13	1362.4	15.8	1450	12.5	6.00%
133862_17		13.1362	0.1967	0.495	0.0063	0.1925	0.0009	2689.5	14	2592.3	27.2	2760.9	12.9	6.10%
133862_104		3.1839	0.0588	0.2456	0.0034	0.094	0.0007	1453.3	14.2	1415.7	17.3	1508.9	13.3	6.20%
133862_24		5.835	0.0732	0.3405	0.0034	0.1243	0.0006	1951.6	10.8	1888.9	16.1	2016.2	13.8	6.30%
133862_70		4.3415	0.0483	0.292	0.0029	0.1078	0.0004	1701.3	9.1	1651.6	14.6	1763.1	6	6.30%
133862_43		5.4289	0.1189	0.3284	0.0046	0.1199	0.0011	1889.4	18.6	1830.8	22.3	1954.7	16.7	6.30%
133862_94		16.4264	0.3219	0.5417	0.0081	0.22	0.0016	2901.9	18.6	2790.5	34	2980.3	11.6	6.40%
133862_7		2.1003	0.0412	0.19	0.003	0.0802	0.0006	1148.9	13.4	1121.4	16	1201.3	13.6	6.60%
133862_1		6.2372	0.122	0.3514	0.0056	0.1287	0.0008	2009.7	17	1941.4	26.5	2080.7	11.4	6.70%
133862_52		1.0282	0.027	0.1156	0.0021	0.0645	0.0007	718	13.5	705.4	12.2	757.9	23.1	6.90%
133862_57		0.5229	0.0118	0.0677	0.0007	0.056	0.0007	427.1	7.9	422.1	4.2	454.3	27	7.10%
133862_115		2.9912	0.0549	0.235	0.0033	0.0923	0.0006	1405.4	13.9	1360.8	17.4	1473.8	12.9	7.70%
133862_113		1.9081	0.0417	0.1778	0.0032	0.0778	0.0006	1083.9	14.5	1055	17.4	1142.6	15.3	7.70%
133862_93		1.8779	0.0527	0.1759	0.0036	0.0774	0.001	1073.3	18.4	1044.7	19.8	1132	26.1	7.70%
133862_87		3.6781	0.0812	0.2638	0.0053	0.1011	0.0006	1566.6	17.5	1509.3	26.9	1644.8	10.8	8.20%
133862_84		2.928	0.0575	0.2312	0.004	0.0919	0.0006	1389.2	14.8	1340.8	20.8	1464.4	11.4	8.40%
133862_53		3.6295	0.0872	0.2616	0.0037	0.1007	0.0012	1556	19	1497.8	19	1636.2	21.1	8.50%
133862_91		1.1562	0.0219	0.1254	0.0018	0.0669	0.0005	780.2	10.3	761.7	10.1	833.4	15.3	8.60%
133862_10		2.09	0.042	0.1877	0.003	0.0808	0.0006	1145.5	13.7	1108.8	16.1	1215.9	14.6	8.80%
133862_106		5.0741	0.092	0.3118	0.0043	0.118	0.0008	1831.8	15.3	1749.5	21	1926.8	12.5	9.20%
133862_105		3.9548	0.0883	0.273	0.0047	0.1051	0.0009	1625	17.9	1555.9	23.5	1715.7	16.5	9.30%
133862_55		5.2293	0.1103	0.3164	0.0034	0.1199	0.0012	1857.4	17.8	1772.1	16.6	1954.4	18.2	9.30%
133862_66		1.6692	0.0212	0.1614	0.0017	0.075	0.0004	996.9	8	964.8	9.6	1068.3	10	9.70%
133862_9		2.2042	0.0468	0.1933	0.0032	0.0827	0.0007	1182.4	14.7	1139.3	17.3	1262.3	16	9.70%
133862_35		5.4301	0.1252	0.3215	0.0047	0.1225	0.0013	1889.6	19.6	1797.3	23	1992.9	18.3	9.80%
133862_81		1.9572	0.0741	0.1807	0.0066	0.0786	0.0005	1100.9	25.1	1070.7	36	1151.2	11.4	7.00%
133862_42		5.2613	0.1109	0.3173	0.0042	0.1203	0.0011	1862.6	17.8	1776.7	20.4	1962.6	16	9.50%
> 10% discordant														
133862_48		5.0338	0.1332	0.3025	0.0059	0.1207	0.0012	1825	22.2	1703.9	29.2	1966.4	17.5	13.40%
133862_78		3.6967	0.0782	0.2433	0.0045	0.1102	0.0007	1570.7	16.8	1403.6	23.3	1803	12	22.20%
133862_109		4.3201	0.0873	0.263	0.0037	0.1191	0.0011	1697.2	16.5	1505.3	18.9	1943.3	16.8	22.50%

133862_67	5.18	0.0921	0.2602	0.0044	0.1444	0.0005	1849.3	15	1491	22.6	2280.4	6.2	34.60%
133862_98	0.5781	0.0151	0.0677	0.0011	0.062	0.0009	463.3	9.7	422.1	6.4	672.8	31.2	37.30%
133862_75	2.0187	0.0561	0.1563	0.0042	0.0937	0.0005	1121.8	18.7	936.1	23.4	1501.8	10.1	37.70%
133862_103	2.3642	0.0655	0.1668	0.004	0.1028	0.0009	1231.8	19.6	994.7	21.9	1675	15.9	40.60%
133862_44	0.6905	0.0152	0.0742	0.0009	0.0675	0.0007	533.1	9.1	461.5	5.5	852.8	22.3	45.90%
133862_58	1.911	0.1017	0.14	0.0069	0.099	0.0012	1084.9	34.9	844.5	38.8	1605.8	23	47.40%
133862_80	0.9941	0.0313	0.0835	0.0017	0.0864	0.0015	700.8	15.8	516.7	10.2	1347	34.1	61.60%
133862_14	2.8265	0.0673	0.1348	0.0022	0.1521	0.0018	1362.6	17.7	815.3	12.3	2369.3	20.3	65.60%
133862_37	1.7352	0.0409	0.1073	0.0017	0.1173	0.0012	1021.7	15.1	656.9	9.9	1915.8	18	65.70%
133862_34	0.7759	0.0239	0.0678	0.0008	0.083	0.0016	583.2	13.6	422.7	5	1270.2	38.3	66.70%
133862_112	5.3051	0.0964	0.317	0.0044	0.1214	0.0008	1869.7	15.4	1775.2	21.6	1976.5	12.1	10.20%
133862_74	4.9988	0.1127	0.307	0.0065	0.1181	0.0007	1819.1	18.9	1726	31.8	1927.6	10.7	10.50%
133862_13	10.5472	0.3879	0.4359	0.0152	0.1755	0.0012	2484.1	33.5	2332.3	68	2610.8	11.1	10.70%
133862_29	0.6643	0.0271	0.0816	0.0028	0.0591	0.001	517.2	16.4	505.5	16.7	566.2	38	10.70%
133862_88	14.5733	0.4573	0.4982	0.0143	0.2122	0.0019	2787.8	29.4	2606.1	61.3	2922.1	14	10.80%

#### Isotopic Ratios

Grain #	207Pb/235U	±	206Pb/238U	±	207Pb/206Pb	±	207Pb/235U	±	206Pb/238U	±	207Pb/206Pb	±	% Disc
Sample: Beverly Inlet-3 (BI-3) C-198959													
< 10% discordant													
198959_89	5.2833	0.1455	0.3491	0.0057	0.1098	0.0013	1866.2	23.2	1930.1	27.2	1795.8	21.6	-7.50%
198959_74	1.8641	0.038	0.1846	0.0024	0.0732	0.0007	1068.4	13.4	1092.2	12.8	1020.5	18.7	-7.00%
198959_42	3.3417	0.0859	0.2683	0.0041	0.0903	0.0011	1490.9	19.9	1532.4	20.8	1432.4	22.8	-7.00%
198959_13	1.2986	0.0321	0.1421	0.0029	0.0663	0.0006	845.1	14.1	856.3	16.2	815.9	19	-4.90%
198959_33	2.7892	0.0642	0.2381	0.0026	0.085	0.001	1352.7	17.1	1376.7	13.5	1315	22.4	-4.70%
198959_45	6.2474	0.1685	0.3743	0.0067	0.1211	0.0014	2011.1	23.3	2049.4	31.4	1972.1	20.4	-3.90%
198959_93	0.7447	0.0217	0.0923	0.0015	0.0586	0.0008	565.1	12.6	568.8	8.7	550.4	30.8	-3.30%
198959_24	5.028	0.1068	0.3307	0.0053	0.1103	0.0009	1824	17.8	1842	25.4	1803.7	14.6	-2.10%
198959_21	0.8985	0.0194	0.1066	0.0017	0.0611	0.0005	650.9	10.3	653.2	9.8	643.1	18.8	-1.60%
198959_14	0.9493	0.0226	0.1112	0.0022	0.0619	0.0005	677.8	11.7	680	13	670.4	16.3	-1.40%
198959_20	16.0015	0.3783	0.5629	0.0106	0.2062	0.0017	2876.9	22.3	2878.5	43.5	2875.8	13.5	-0.10%
198959_59	4.5273	0.11	0.309	0.003	0.1063	0.0014	1736	20	1735.9	14.7	1736.3	23.1	0.00%
198959_99	3.4179	0.0909	0.2636	0.0038	0.094	0.0011	1508.5	20.7	1508.3	19.3	1509	22.9	0.00%
198959_64	4.8324	0.0637	0.3198	0.0025	0.1096	0.0006	1790.6	11	1788.6	12.4	1792.9	10.4	0.20%
198959_87	2.1468	0.0861	0.1977	0.0065	0.0788	0.001	1164	27.4	1162.7	34.7	1166.6	25.6	0.30%
198959_32	4.1279	0.0926	0.2928	0.0028	0.1023	0.0012	1659.8	18.2	1655.3	13.9	1665.7	21.4	0.60%
198959_17	5.6691	0.1227	0.3469	0.0057	0.1185	0.001	1926.7	18.5	1919.9	27.2	1934.1	14.5	0.70%
198959_28	0.4395	0.0099	0.059	0.0009	0.0541	0.0005	369.9	6.9	369.4	5.7	373.2	21.8	1.00%
198959_49	4.2923	0.1014	0.2985	0.0025	0.1043	0.0013	1691.9	19.3	1684	12.2	1701.8	22.9	1.00%
198959_43	10.4412	0.249	0.4635	0.0059	0.1634	0.0019	2474.7	21.9	2455.2	25.8	2490.9	19.3	1.40%
198959_53	0.5145	0.0125	0.0674	0.0006	0.0554	0.0007	421.5	8.3	420.5	3.6	427.1	28.9	1.60%
198959_23	2.2433	0.0493	0.2024	0.0034	0.0804	0.0007	1194.7	15.3	1187.9	18	1207	16.5	1.60%
198959_38	5.6869	0.1289	0.3458	0.0035	0.1193	0.0014	1929.4	19.4	1914.5	16.7	1945.5	20.6	1.60%
198959_111	2.8103	0.0683	0.2328	0.0033	0.0875	0.0009	1358.3	18.1	1349.4	17.3	1372.4	20.6	1.70%
198959_4	0.9996	0.0237	0.1148	0.0022	0.0632	0.0006	703.6	12	700.5	12.9	713.6	18.4	1.80%
198959_61	5.0026	0.0727	0.3229	0.003	0.1124	0.0007	1819.8	12.2	1803.8	14.7	1838.3	11.3	1.90%
198959_112	3.3207	0.0771	0.2569	0.0032	0.0938	0.001	1485.9	18	1473.8	16.4	1503.5	20	2.00%

198959_10		3.1547	0.0727	0.2491	0.0048	0.0919	0.0007	1446.1	17.6	1433.7	24.7	1464.5	14.4	2.10%
198959_50		1.7703	0.0428	0.1727	0.0016	0.0743	0.0009	1034.6	15.6	1027.1	8.8	1050.9	25.4	2.30%
198959_62		4.3109	0.0628	0.2972	0.0028	0.1052	0.0007	1695.4	11.9	1677.5	13.8	1717.9	11.6	2.40%
198959_113		0.5008	0.0127	0.0658	0.0009	0.0552	0.0007	412.3	8.6	410.8	5.4	420.7	27.9	2.40%
198959_73		3.173	0.0605	0.2495	0.0031	0.0922	0.0007	1450.6	14.6	1436	16.2	1472.2	14.7	2.50%
198959_77		1.934	0.0441	0.183	0.0028	0.0767	0.0008	1092.9	15.2	1083.1	15.5	1112.7	19.9	2.70%
198959_27		5.8773	0.1252	0.3495	0.0056	0.122	0.001	1957.9	18.3	1932.1	26.5	1985.4	14.5	2.70%
198959_86		13.3868	0.3657	0.512	0.008	0.1896	0.0023	2707.3	25.5	2665.3	33.9	2739	20.1	2.70%
198959_109		4.4199	0.1136	0.3007	0.0047	0.1066	0.0012	1716.1	21.1	1695	23.1	1742.1	21.1	2.70%
198959_76		1.7924	0.0373	0.1738	0.0025	0.0748	0.0006	1042.7	13.5	1033.1	13.6	1063	17.3	2.80%
198959_57		1.7284	0.049	0.1695	0.0024	0.074	0.0011	1019.1	18.1	1009.5	13.1	1040.2	30.3	3.00%
198959_25		5.2359	0.1132	0.3287	0.0053	0.1155	0.001	1858.5	18.3	1832	25.8	1888.3	14.9	3.00%
198959_18		1.8537	0.0408	0.1776	0.0029	0.0757	0.0007	1064.8	14.4	1053.9	15.9	1087.2	17.3	3.10%
198959_83		3.9059	0.0864	0.2802	0.0047	0.1011	0.0008	1614.9	17.7	1592.6	23.5	1644.3	14.7	3.10%
198959_72		3.055	0.0567	0.2431	0.0029	0.0912	0.0007	1421.5	14.1	1402.7	15.1	1449.8	14.4	3.20%
198959_22		5.1568	0.111	0.3251	0.0053	0.115	0.0009	1845.5	18.1	1814.7	25.5	1880.5	14.8	3.50%
198959_40		4.7969	0.1049	0.3128	0.0028	0.1112	0.0013	1784.4	18.2	1754.6	13.7	1819.4	20.3	3.60%
198959_3		4.0091	0.0905	0.2837	0.0054	0.1025	0.0007	1636	18.2	1610	27.2	1669.7	12.9	3.60%
198959_69		3.1893	0.0443	0.2487	0.0021	0.093	0.0006	1454.6	10.7	1431.9	10.6	1488	11.9	3.80%
198959_8		0.5893	0.0135	0.0752	0.0014	0.0568	0.0004	470.4	8.6	467.3	8.6	485.7	17	3.80%
198959_78		1.7339	0.0378	0.1693	0.0024	0.0743	0.0007	1021.2	13.9	1008.4	13.3	1049	19.6	3.90%
198959_71		3.9938	0.0579	0.2825	0.0025	0.1025	0.0007	1632.9	11.7	1604.1	12.6	1670.4	12.2	4.00%
198959_11		5.4844	0.1244	0.3347	0.0064	0.1188	0.0008	1898.2	19.3	1861.3	31	1938.7	12.5	4.00%
198959_48		0.6817	0.0176	0.0846	0.0009	0.0584	0.0008	527.8	10.5	523.7	5.1	545.6	30.7	4.00%
198959_36		2.5698	0.058	0.2181	0.002	0.0855	0.001	1292.1	16.4	1271.6	10.8	1326.5	22.8	4.10%
198959_31		4.4941	0.1021	0.301	0.003	0.1083	0.0013	1729.9	18.7	1696	15	1771.2	21.2	4.20%
198959_37		1.0205	0.023	0.1158	0.001	0.0639	0.0008	714.2	11.5	706.4	5.9	738.7	25.3	4.40%
198959_26		4.6126	0.1016	0.3046	0.005	0.1098	0.0009	1751.5	18.2	1713.8	24.9	1796.9	15.5	4.60%
198959_98		1.7502	0.0537	0.1699	0.003	0.0747	0.0011	1027.2	19.6	1011.4	16.7	1061.4	29.5	4.70%
198959_41		3.2104	0.0701	0.2485	0.0021	0.0937	0.0011	1459.7	16.8	1430.6	10.6	1502.4	21.6	4.80%
198959_6		3.5517	0.0815	0.2632	0.0051	0.0979	0.0007	1538.8	18	1506.2	26.2	1583.9	13.1	4.90%
198959_67		4.4268	0.0611	0.2973	0.0025	0.108	0.0007	1717.4	11.4	1677.9	12.6	1765.9	11	5.00%
198959_84		3.7427	0.0728	0.271	0.0035	0.1002	0.0008	1580.6	15.5	1545.9	17.7	1627.3	14.8	5.00%
198959_29		4.7911	0.1019	0.31	0.0049	0.1121	0.0009	1783.3	17.7	1740.6	24.1	1833.9	14.8	5.10%
198959_44		0.4793	0.0121	0.0631	0.0006	0.0551	0.0008	397.6	8.3	394.5	3.8	415.9	32.4	5.20%
198959_30		3.697	0.081	0.2687	0.0044	0.0998	0.0009	1570.7	17.4	1534.3	22.2	1620.2	16.1	5.30%
198959_105		2.7876	0.069	0.2279	0.0031	0.0887	0.001	1352.2	18.3	1323.6	16.4	1397.9	22.3	5.30%
198959_95		3.1614	0.0846	0.2454	0.0037	0.0935	0.0011	1447.8	20.4	1414.5	18.9	1497.2	22.6	5.50%
198959_65		0.8744	0.0132	0.1026	0.001	0.0618	0.0004	637.9	7.1	629.7	5.8	667.3	14.1	5.60%
198959_16		0.6984	0.0152	0.086	0.0014	0.0589	0.0005	537.9	9	531.7	8.1	564.2	19.4	5.80%
198959_52		3.4681	0.09	0.2585	0.0031	0.0973	0.0013	1520	20.3	1482.1	15.7	1573.3	25.2	5.80%
198959_82		3.7696	0.0768	0.2709	0.0038	0.1009	0.0008	1586.3	16.2	1545.6	19.1	1641	15.4	5.80%
198959_60		4.9522	0.1267	0.3138	0.0037	0.1145	0.0015	1811.2	21.4	1759.5	18.3	1871.3	23.4	6.00%
198959_85		13.1684	0.2701	0.4959	0.007	0.1926	0.0016	2691.8	19.2	2596.1	30.1	2764.6	13.6	6.10%
198959_114		11.3912	0.4187	0.4657	0.0141	0.1774	0.0021	2555.7	33.7	2464.8	61.8	2628.8	19.8	6.20%
198959_54		2.74	0.0645	0.2243	0.0019	0.0886	0.0011	1339.4	17.4	1304.6	10	1395.5	23.5	6.50%
198959_90		1.6066	0.0488	0.159	0.0029	0.0733	0.001	972.8	18.8	950.9	16.1	1022.6	28.4	7.00%

198959_46		5.6229	0.1379	0.3329	0.0035	0.1225	0.0015	1919.6	20.9	1852.3	17	1993.3	22.1	7.10%
198959_92		1.5978	0.0503	0.1583	0.0029	0.0732	0.0011	969.3	19.5	947.2	16.2	1020.1	30.7	7.20%
198959_2		5.9707	0.1328	0.3427	0.0065	0.1264	0.0008	1971.6	19.2	1899.7	31	2047.9	11.8	7.20%
198959_88		0.7921	0.0251	0.0946	0.002	0.0607	0.0008	592.3	14.1	582.9	11.7	628.9	28.9	7.30%
198959_108		2.3181	0.0585	0.2017	0.0029	0.0834	0.001	1217.9	17.8	1184.2	15.5	1278.1	23	7.30%
198959_34		4.7176	0.1106	0.3034	0.0036	0.1128	0.0013	1770.4	19.5	1708.3	18	1844.5	20.6	7.40%
198959_97		3.3555	0.0898	0.2513	0.0036	0.0969	0.0012	1494.1	20.7	1445.2	18.6	1564.4	23.1	7.60%
198959_96		3.719	0.1013	0.2663	0.0041	0.1013	0.0012	1575.5	21.6	1522.1	20.8	1647.9	22.7	7.60%
198959_103		2.8072	0.0688	0.2263	0.0032	0.09	0.001	1357.5	18.2	1315.1	16.6	1424.9	21.3	7.70%
198959_68		1.9292	0.0463	0.179	0.0027	0.0782	0.001	1091.3	15.9	1061.5	14.9	1151.2	24.8	7.80%
198959_70		0.6752	0.0136	0.0833	0.001	0.0588	0.0006	523.9	8.2	515.7	5.9	559.5	23.2	7.80%
198959_39		1.8771	0.0505	0.1755	0.0023	0.0776	0.0012	1073	17.7	1042.6	12.4	1135.7	29.6	8.20%
198959_100		5.484	0.1527	0.325	0.0054	0.1224	0.0015	1898.1	23.6	1814	26.3	1991.5	21.4	8.90%
198959_12		4.2977	0.1061	0.2861	0.0059	0.1089	0.0009	1692.9	20.1	1622.1	29.6	1781.8	15.5	9.00%
198959_102		1.4834	0.0392	0.1492	0.0022	0.0721	0.0009	923.6	15.9	896.6	12.5	988.8	25.9	9.30%
198959_115		0.9426	0.0239	0.1075	0.0015	0.0636	0.0008	674.2	12.4	658.2	8.8	728.5	25.6	9.70%
198959_101		19.5381	0.4695	0.5632	0.0078	0.2516	0.0027	3068.8	22.9	2879.7	32.2	3195.1	16.8	9.90%
198959_56		8.1056	0.1922	0.3894	0.0032	0.151	0.0019	2242.9	21.2	2120.3	15	2356.9	21.4	10.00%
198959_106		10.9098	0.2628	0.448	0.0064	0.1766	0.0019	2515.5	22.2	2386.5	28.2	2613.4	17.4	8.70%
> 10% discordant														
198959_1		3.0717	0.0775	0.2753	0.0055	0.0809	0.0009	1425.7	19.1	1567.8	27.5	1219.3	20.6	-28.60%
198959_110		5.0442	0.1197	0.302	0.004	0.1211	0.0013	1826.8	19.9	1701.3	19.9	1973.1	18.9	13.80%
198959_91		0.6438	0.0176	0.0791	0.0012	0.0591	0.0008	504.7	10.8	490.6	6.9	569.2	27.9	13.80%
198959_7		0.5346	0.0125	0.068	0.0013	0.057	0.0005	434.8	8.2	423.9	7.9	493	18.1	14.00%
198959_107		1.6248	0.0446	0.1551	0.0028	0.076	0.0009	979.9	17.1	929.4	15.4	1094.8	23.9	15.10%
198959_55		0.6526	0.0195	0.0794	0.0015	0.0596	0.0008	510.1	11.9	492.4	8.7	590.4	30.2	16.60%
198959_5		4.9817	0.1126	0.2937	0.0056	0.123	0.0009	1816.2	18.9	1659.9	28	2000.7	12.3	17.00%
198959_79		9.6338	0.1895	0.3975	0.0054	0.1758	0.0013	2400.4	17.9	2157.5	25	2613.5	12.6	17.40%
198959_51		0.7029	0.0235	0.0837	0.002	0.0609	0.0008	540.5	13.9	518	12	637.1	29.1	18.70%
198959_47		2.1448	0.0522	0.1801	0.0016	0.0864	0.0011	1163.4	16.7	1067.5	8.8	1346.9	25.1	20.70%
198959_75		4.828	0.0938	0.2784	0.0037	0.1258	0.001	1789.8	16.2	1583.1	18.7	2040.2	13.4	22.40%
198959_104		8.5361	0.2017	0.356	0.0047	0.1739	0.0019	2289.8	21.2	1963.3	22.1	2595.6	17.8	24.40%
198959_63		3.1355	0.0534	0.2184	0.0028	0.1042	0.0007	1441.4	13	1273.2	14.9	1699.4	11.5	25.10%
198959_15		0.6261	0.0152	0.0724	0.0015	0.0627	0.0005	493.7	9.5	450.7	9	698.3	16.7	35.50%
198959_81		2.1642	0.0504	0.1589	0.0028	0.0988	0.0009	1169.6	16	950.7	15.3	1601.3	16.6	40.60%
198959_35		0.3236	0.0104	0.0419	0.001	0.0561	0.0007	284.6	8	264.4	6.3	454.8	27.5	41.90%
198959_94		0.4191	0.0182	0.0504	0.0018	0.0603	0.0008	355.4	12.9	317.1	11.3	614.1	28.5	48.40%
198959_9		0.8096	0.0292	0.0794	0.0027	0.074	0.0006	602.2	16.3	492.3	15.9	1041.3	17.4	52.70%
198959_66		0.4494	0.0075	0.0592	0.0006	0.0551	0.0005	376.9	5.2	370.8	3.6	414.7	18.6	10.60%
198959_80		4.9656	0.0995	0.3034	0.0041	0.1187	0.001	1813.5	16.8	1707.9	20.4	1937.2	14.5	11.80%
198959_19		10.1194	0.2129	0.4229	0.0067	0.1736	0.0014	2445.7	19.3	2273.6	30.2	2592.3	13.1	12.30%

## Isotopic Ratios

Grain #	207Pb/235U	±	206Pb/238U	±	207Pb/206Pb	±	Apparent Ages (Ma)	207Pb/235U	±	206Pb/238U	±	207Pb/206Pb	±	% Disc
Sample: Parry Islands-1 (PI-1) C-245984														
< 10% discordant														
245984_51	0.8902	0.0126	0.1072	0.0009	0.0602	0.0005	646.5	6.7	656.6	5.4	611.5	18.2	-7.40%	

245984_68		0.6934	0.0109	0.0877	0.0008	0.0574	0.0006	534.8	6.5	541.8	4.9	505.3	22.1	-7.20%
245984_106		0.6938	0.0155	0.0877	0.0012	0.0574	0.0007	535.1	9.2	541.9	7.4	506.3	28.1	-7.00%
245984_43		0.6804	0.0132	0.086	0.001	0.0574	0.0007	527	7.9	531.9	5.9	505.9	27.5	-5.10%
245984_48		0.6964	0.0106	0.0876	0.0009	0.0577	0.0005	536.6	6.3	541.4	5.1	516.5	19.5	-4.80%
245984_64		0.7091	0.008	0.0889	0.0007	0.0579	0.0004	544.2	4.7	549	3.9	524.4	13.5	-4.70%
245984_69		0.9948	0.0138	0.1157	0.001	0.0623	0.0005	701.1	7	706	5.7	685.8	18.3	-2.90%
245984_73		0.6896	0.0119	0.0866	0.0011	0.0578	0.0006	532.6	7.1	535.2	6.3	521.3	20.9	-2.70%
245984_50		0.5351	0.008	0.0701	0.0006	0.0554	0.0005	435.2	5.3	436.8	3.7	426.8	20.6	-2.40%
245984_102		0.8987	0.0193	0.1067	0.0014	0.0611	0.0008	651	10.3	653.5	8.2	642.6	27	-1.70%
245984_93		2.7289	0.0386	0.2319	0.002	0.0853	0.0006	1336.4	10.5	1344.5	10.7	1323.5	14.3	-1.60%
245984_92		0.7754	0.0142	0.0949	0.0011	0.0592	0.0006	582.9	8.1	584.7	6.4	575.8	23.4	-1.60%
245984_70		0.8844	0.0129	0.1052	0.0009	0.061	0.0006	643.4	6.9	645	5.2	637.5	20.3	-1.20%
245984_8		2.8994	0.0864	0.2396	0.0062	0.0878	0.0008	1381.8	22.2	1384.7	32.1	1377.2	18	-0.50%
245984_98		0.7066	0.0135	0.0879	0.001	0.0583	0.0007	542.8	8	543.1	5.8	541.2	26.3	-0.40%
245984_32		4.2267	0.0785	0.2976	0.0048	0.103	0.0008	1679.2	15.1	1679.4	23.8	1679.1	13.9	0.00%
245984_27		0.6811	0.0123	0.0853	0.0012	0.0579	0.0006	527.4	7.4	527.4	7	527.5	20.9	0.00%
245984_24		9.7025	0.1664	0.4524	0.0067	0.1556	0.0009	2406.9	15.7	2405.8	29.7	2408	9.3	0.10%
245984_107		6.5003	0.1148	0.3731	0.0042	0.1264	0.0011	2045.9	15.4	2044.1	19.9	2047.9	15.4	0.20%
245984_19		3.3199	0.0572	0.2585	0.0038	0.0932	0.0005	1485.7	13.4	1482.2	19.5	1490.9	11	0.60%
245984_31		6.2006	0.0999	0.3632	0.0052	0.1238	0.0007	2004.5	14	1997.3	24.7	2012.1	9.9	0.70%
245984_104		0.7251	0.0145	0.0895	0.0011	0.0587	0.0007	553.7	8.5	552.8	6.4	557.3	24.9	0.80%
245984_23		0.8976	0.0177	0.106	0.0017	0.0614	0.0005	650.5	9.4	649.2	9.8	654.9	18.6	0.90%
245984_53		0.5241	0.0072	0.0685	0.0006	0.0555	0.0004	427.9	4.8	427.3	3.5	431.1	17.8	0.90%
245984_3		0.5096	0.0166	0.0669	0.0018	0.0552	0.0008	418.2	11.1	417.5	10.8	422	30.4	1.10%
245984_10		0.7323	0.0228	0.0902	0.0024	0.0589	0.0007	557.9	13.3	556.6	13.9	563	25.6	1.10%
245984_89		4.0318	0.0625	0.2882	0.0028	0.1015	0.0009	1640.6	12.5	1632.3	14	1651.4	15.8	1.20%
245984_58		0.4901	0.0067	0.0647	0.0005	0.0549	0.0005	405	4.5	404.3	3.3	409.1	18.7	1.20%
245984_2		0.7466	0.0232	0.0916	0.0024	0.0591	0.0007	566.3	13.4	564.8	14.1	572.2	25.1	1.30%
245984_6		0.7032	0.0217	0.0872	0.0023	0.0585	0.0007	540.7	12.9	539.2	13.5	547	24.2	1.40%
245984_60		5.4922	0.0558	0.3398	0.0024	0.1172	0.0006	1899.4	8.7	1885.9	11.8	1914.3	8.6	1.50%
245984_91		0.8871	0.0123	0.1048	0.0009	0.0614	0.0004	644.8	6.6	642.6	5.2	652.8	15.6	1.60%
245984_9		0.861	0.0266	0.1024	0.0027	0.061	0.0007	630.7	14.4	628.4	15.7	638.8	23.9	1.60%
245984_74		0.9835	0.0135	0.1134	0.0012	0.0629	0.0004	695.4	6.9	692.6	7	704.5	13.3	1.70%
245984_94		0.6947	0.0104	0.0863	0.0008	0.0584	0.0005	535.6	6.2	533.8	4.7	543.6	18	1.80%
245984_30		4.0822	0.0553	0.2891	0.0035	0.1024	0.0004	1650.8	11	1637.3	17.6	1668	7.8	1.80%
245984_77		2.658	0.0382	0.2247	0.0025	0.0858	0.0006	1316.9	10.6	1306.7	13.3	1333.6	12.5	2.00%
245984_63		1.7914	0.0228	0.1742	0.0015	0.0746	0.0005	1042.3	8.3	1035.2	8.2	1057.5	14.2	2.10%
245984_39		5.4459	0.0944	0.3371	0.005	0.1172	0.0008	1892.1	14.8	1872.8	24.3	1913.4	12.6	2.10%
245984_114		0.9158	0.0178	0.1073	0.0013	0.0619	0.0007	660.1	9.4	656.8	7.5	671.7	23	2.20%
245984_81		4.9981	0.0759	0.322	0.004	0.1126	0.0007	1819	12.8	1799.6	19.4	1841.4	11.6	2.30%
245984_67		0.5256	0.007	0.0685	0.0005	0.0556	0.0005	428.9	4.6	427.3	3.3	437.5	18.4	2.30%
245984_105		0.7236	0.015	0.0891	0.0011	0.0589	0.0007	552.8	8.8	550.2	6.8	563.7	25.8	2.40%
245984_72		0.7427	0.0114	0.0909	0.0011	0.0592	0.0005	564	6.6	561.1	6.3	575.8	16.4	2.60%
245984_33		2.072	0.0314	0.1914	0.0026	0.0785	0.0004	1139.6	10.3	1128.9	13.9	1160.1	10.8	2.70%
245984_90		0.8384	0.0176	0.1	0.0012	0.0608	0.0008	618.3	9.7	614.4	7.2	632.5	29	2.90%
245984_111		0.7634	0.0138	0.0928	0.001	0.0596	0.0006	576	7.9	572.2	6.1	590.8	20.6	3.20%
245984_109		0.738	0.0165	0.0904	0.0012	0.0592	0.0008	561.2	9.6	557.6	7	576.1	29.5	3.20%

245984_115		0.8986	0.018	0.1054	0.0013	0.0618	0.0007	651	9.6	646	7.7	668.3	23.9	3.30%
245984_96		0.6852	0.0105	0.0851	0.0008	0.0584	0.0005	529.9	6.3	526.5	4.8	544.6	18.7	3.30%
245984_100		6.0473	0.0804	0.353	0.0029	0.1242	0.0008	1982.7	11.5	1949	13.9	2018	11.7	3.40%
245984_20		0.514	0.0109	0.0671	0.0011	0.0555	0.0006	421.1	7.3	418.9	6.4	433.8	24.6	3.40%
245984_4		5.0952	0.1515	0.3228	0.0083	0.1145	0.0011	1835.3	24.9	1803.5	40.3	1871.5	17.1	3.60%
245984_97		0.7256	0.011	0.089	0.0008	0.0591	0.0005	554	6.5	549.5	4.6	572.3	19.3	4.00%
245984_62		0.7028	0.0084	0.0867	0.0006	0.0588	0.0004	540.5	5	536.1	3.6	558.9	16	4.10%
245984_25		0.7429	0.0163	0.0907	0.0015	0.0594	0.0007	564.1	9.5	559.4	8.9	583.2	24.5	4.10%
245984_99		0.7008	0.0126	0.0865	0.0009	0.0588	0.0007	539.2	7.5	534.7	5.3	558.7	24.3	4.30%
245984_82		0.4629	0.0075	0.0613	0.0007	0.0547	0.0005	386.3	5.2	383.8	4.3	401.1	19.8	4.30%
245984_85		1.5399	0.0213	0.1558	0.0017	0.0717	0.0004	946.5	8.5	933.1	9.4	977.7	12.4	4.60%
245984_14		1.5124	0.0281	0.1537	0.0024	0.0714	0.0005	935.4	11.3	921.8	13.6	967.7	13.8	4.70%
245984_103		0.9131	0.0188	0.1063	0.0013	0.0623	0.0007	658.7	9.9	651.4	7.9	684.1	25.1	4.80%
245984_16		0.4542	0.0086	0.0603	0.0009	0.0546	0.0004	380.2	6	377.6	5.7	396.6	17.4	4.80%
245984_59		0.7452	0.0093	0.0907	0.0007	0.0596	0.0004	565.4	5.4	559.8	4.3	588.2	15.9	4.80%
245984_66		0.6849	0.0127	0.0848	0.0009	0.0586	0.0007	529.7	7.6	524.5	5.5	552.2	26.8	5.00%
245984_112		0.7079	0.015	0.087	0.0011	0.059	0.0007	543.5	8.9	537.5	6.7	568.8	27	5.50%
245984_75		0.6964	0.0113	0.0858	0.001	0.0589	0.0005	536.7	6.8	530.7	5.9	562.2	19.6	5.60%
245984_57		4.9311	0.0474	0.3136	0.002	0.1141	0.0005	1807.6	8.1	1758.3	9.9	1865	8.5	5.70%
245984_76		6.3707	0.083	0.3572	0.0038	0.1294	0.0006	2028.2	11.4	1968.9	18.2	2089.3	8.4	5.80%
245984_49		0.9272	0.0135	0.1071	0.0009	0.0628	0.0006	666.1	7.1	656.1	5.4	700.4	19.1	6.30%
245984_47		0.5493	0.0074	0.0706	0.0006	0.0565	0.0005	444.5	4.8	439.5	3.5	470.4	17.6	6.60%
245984_38		0.5476	0.0088	0.0704	0.0009	0.0564	0.0005	443.5	5.7	438.4	5.4	469.7	17.6	6.70%
245984_101		0.7492	0.014	0.0907	0.0011	0.0599	0.0006	567.8	8.1	559.8	6.2	599.9	21.5	6.70%
245984_71		0.464	0.0073	0.0612	0.0007	0.055	0.0004	387	5.1	383	4.4	411.6	18	7.00%
245984_15		0.8472	0.0176	0.0998	0.0016	0.0616	0.0006	623.1	9.6	613.2	9.4	659.2	21.6	7.00%
245984_55		0.6877	0.0092	0.0847	0.0007	0.0589	0.0005	531.4	5.5	523.9	4.2	563.8	16.8	7.10%
245984_95		12.2553	0.208	0.4767	0.0064	0.1865	0.0012	2624.2	15.8	2512.9	28	2711.2	10.9	7.30%
245984_22		0.7183	0.0151	0.0876	0.0015	0.0595	0.0005	549.6	8.9	541.2	8.9	584.9	19.7	7.50%
245984_42		2.0475	0.027	0.1863	0.0017	0.0797	0.0006	1131.5	8.9	1101.2	9.1	1190.2	13.6	7.50%
245984_18		5.0984	0.087	0.3151	0.0046	0.1174	0.0007	1835.8	14.4	1765.7	22.6	1916.4	10	7.90%
245984_29		0.6825	0.0117	0.0839	0.0012	0.059	0.0005	528.3	7	519.6	7	566.1	17.2	8.20%
245984_110		0.7207	0.0157	0.0876	0.0012	0.0597	0.0008	551.1	9.2	541.5	7.1	591.1	27.2	8.40%
245984_108		0.7305	0.015	0.0885	0.0011	0.0599	0.0007	556.8	8.7	546.7	6.7	598.8	25	8.70%
245984_13		0.4957	0.0096	0.0645	0.001	0.0558	0.0004	408.8	6.5	402.7	6.3	443.2	17.3	9.10%
245984_56		0.6985	0.0111	0.0853	0.0009	0.0594	0.0006	537.9	6.6	527.8	5.1	581.2	21.4	9.20%
245984_88		0.8625	0.0152	0.1004	0.0011	0.0623	0.0007	631.5	8.3	616.8	6.3	680.4	18.9	9.40%
245984_54		0.5149	0.0107	0.0668	0.0011	0.0559	0.0005	421.8	7.1	416.8	6.7	441.9	19.1	5.70%
245984_36		0.74	0.0159	0.0892	0.0015	0.0602	0.0007	562.4	9.3	550.9	9	612.3	21.5	10.00%
> 10% discordant														
245984_44		3.3536	0.0436	0.2438	0.0023	0.0998	0.0006	1493.6	10.1	1406.4	12.1	1619.8	11.2	13.20%
245984_84		0.5068	0.0075	0.0651	0.0007	0.0564	0.0004	416.3	5.1	406.8	4.2	469.4	17.5	13.30%
245984_12		1.0147	0.026	0.1122	0.0024	0.0656	0.0007	711.2	13	685.7	13.9	793	23.3	13.50%
245984_45		0.8934	0.0165	0.1018	0.0012	0.0636	0.0007	648.2	8.8	625.1	6.8	729.5	24.6	14.30%
245984_17		0.8317	0.0174	0.0964	0.0017	0.0626	0.0006	614.6	9.6	593.1	9.8	694.4	18.9	14.60%
245984_113		0.7087	0.0259	0.085	0.0026	0.0605	0.001	543.9	15.3	525.9	15.3	620.4	34.5	15.20%
245984_34		0.7339	0.016	0.0869	0.0015	0.0612	0.0006	558.8	9.3	537.3	9.2	647.5	22.6	17.00%

245984_26	5.6567	0.1002	0.3095	0.0049	0.1325	0.0008	1924.8	15.2	1738.5	24.1	2131.9	10.9	18.50%
245984_80	2.0116	0.0326	0.175	0.0019	0.0834	0.0008	1119.4	10.9	1039.7	10.3	1277.9	18.7	18.60%
245984_11	2.3133	0.0451	0.1903	0.0032	0.0882	0.0006	1216.4	13.7	1122.8	17.2	1386.6	13.6	19.00%
245984_52	0.5642	0.0075	0.0701	0.0006	0.0584	0.0004	454.3	4.9	436.8	3.7	543.7	16	19.70%
245984_46	0.5822	0.0126	0.0717	0.0012	0.0589	0.0007	465.9	8.1	446.5	7	562.6	25.2	20.60%
245984_35	1.0829	0.0299	0.1117	0.0026	0.0703	0.0009	745	14.5	682.7	15.1	937.2	25.6	27.20%
245984_40	0.9892	0.0179	0.1017	0.0015	0.0706	0.0006	698.3	9.1	624.2	8.8	945.1	17.4	34.00%
245984_87	1.0564	0.015	0.1051	0.0009	0.0729	0.0006	732	7.4	644.4	5.2	1010.5	15.7	36.20%
245984_1	0.4989	0.0177	0.0599	0.0016	0.0604	0.0011	411	11.9	375.3	9.9	616.6	38	39.10%
245984_37	0.8219	0.0142	0.0867	0.0011	0.0687	0.0007	609.1	7.9	536.2	6.6	890.6	19.5	39.80%
245984_28	1.5037	0.0436	0.0911	0.0025	0.1197	0.0009	931.9	17.5	562.1	14.8	1951.7	13.3	71.20%
245984_78	2.3145	0.0487	0.1081	0.0012	0.1552	0.0023	1216.7	14.8	661.9	6.9	2404.5	25.3	72.50%
245984_79	1.4609	0.054	0.0868	0.0031	0.1221	0.0009	914.4	22	536.3	18.3	1987.6	12.7	73.00%
245984_7	1.1905	0.0451	0.0758	0.0026	0.1139	0.0012	796.2	20.7	470.9	15.6	1863.2	18.3	74.70%
245984_5	5.1718	0.1916	0.104	0.0031	0.3606	0.0063	1848	31	638	17.9	3752.2	26.1	83.00%
245984_83	1.7371	0.0434	0.0587	0.0007	0.2147	0.0041	1022.4	16	367.6	4	2941.2	30.3	87.50%
245984_41	0.8903	0.0184	0.1024	0.0016	0.063	0.0007	646.6	9.8	628.6	9.1	709.8	24.9	11.40%
245984_21	0.7355	0.0158	0.0882	0.0015	0.0605	0.0006	559.8	9.2	545	8.9	620.7	22	12.20%
245984_86	0.7706	0.0125	0.0914	0.0009	0.0611	0.0006	580.1	7.2	564	5.1	643.7	20.8	12.40%
245984_65	0.6711	0.0106	0.082	0.0008	0.0594	0.0006	521.4	6.4	508.1	4.6	580.2	22.3	12.40%
245984_61	0.7564	0.0109	0.0911	0.001	0.0602	0.0004	571.9	6.3	562	5.9	622.8	14.5	9.80%

## Isotopic Ratios

Grain #	207Pb/235U	±	206Pb/238U	±	207Pb/206Pb	±	207Pb/235U	±	206Pb/238U	±	207Pb/206Pb	±	% Disc
					Apparent Ages								
Sample: Parry Islands-2 (PI-2) C-246260					(Ma)								(Ma)
< 10% discordant													
246260_26	0.724	0.0145	0.091	0.0012	0.0577	0.0007	553	8.5	561.4	7	518.8	24.9	-8.20%
246260_52	0.677	0.0164	0.086	0.0013	0.0571	0.0008	525	9.9	531.9	7.6	494.9	29.6	-7.50%
246260_43	0.7507	0.0155	0.0934	0.0011	0.0583	0.0006	568.6	9	575.9	6.6	540	23.8	-6.60%
246260_44	0.4557	0.01	0.0615	0.0008	0.0538	0.0006	381.3	6.9	384.6	4.8	361	26.9	-6.60%
246260_113	0.5278	0.0083	0.0696	0.0009	0.055	0.0004	430.3	5.5	433.6	5.4	412.9	16.3	-5.00%
246260_7	13.3225	0.5587	0.5381	0.0208	0.1796	0.0022	2702.8	38.9	2775.5	86.7	2649	19.7	-4.80%
246260_67	0.4372	0.0088	0.0592	0.0007	0.0536	0.0006	368.3	6.2	370.6	4.3	354.2	25.2	-4.60%
246260_38	11.9529	0.2029	0.511	0.0066	0.1697	0.0012	2600.7	15.8	2660.8	28	2554.3	11.9	-4.20%
246260_106	12.511	0.2706	0.5189	0.0106	0.1749	0.001	2643.6	20.1	2694.5	44.9	2604.9	9.3	-3.40%
246260_96	0.7248	0.0146	0.0902	0.0012	0.0583	0.0006	553.5	8.5	556.9	7.4	539.6	23.6	-3.20%
246260_112	4.1474	0.0714	0.2988	0.0047	0.1007	0.0006	1663.7	14	1685.4	23.1	1636.6	10.8	-3.00%
246260_111	0.7045	0.0146	0.0881	0.0016	0.058	0.0005	541.5	8.7	544.4	9.3	529.3	19.2	-2.90%
246260_13	0.7222	0.0152	0.0896	0.0014	0.0585	0.0006	552	8.9	553.1	8.1	547.7	20.8	-1.00%
246260_51	16.8007	0.3223	0.5773	0.0065	0.2111	0.002	2923.5	18.2	2937.7	26.4	2913.8	15.3	-0.80%
246260_39	0.6935	0.0139	0.0866	0.0011	0.0581	0.0006	534.9	8.3	535.6	6.8	532	24.2	-0.70%
246260_1	0.6783	0.0181	0.0851	0.002	0.0578	0.0005	525.7	10.9	526.3	11.7	523.3	20.3	-0.60%
246260_91	2.0609	0.0337	0.193	0.002	0.0774	0.0007	1135.9	11.1	1137.6	11	1132.8	17.1	-0.40%
246260_9	0.696	0.0191	0.0868	0.002	0.0581	0.0006	536.4	11.4	536.6	12.1	535.4	22	-0.20%
246260_33	0.7169	0.0122	0.0889	0.0011	0.0585	0.0005	548.8	7.2	549	6.3	548	17.9	-0.20%
246260_87	0.5146	0.0083	0.0676	0.0007	0.0552	0.0005	421.6	5.5	421.7	4	421.1	19.7	-0.10%
246260_101	5.5765	0.1124	0.345	0.0064	0.1172	0.0007	1912.5	17.2	1910.9	30.7	1914.3	11	0.20%

246260_114		0.9905	0.014	0.1144	0.0012	0.0628	0.0005	699	7.1	698.4	6.9	701	16.6	0.40%
246260_65		0.8696	0.0184	0.1035	0.0013	0.061	0.0007	635.3	10	634.6	7.4	637.9	26.2	0.50%
246260_10		0.5591	0.0145	0.0724	0.0017	0.056	0.0004	450.9	9.4	450.6	10.1	453	17.3	0.50%
246260_23		5.7742	0.1192	0.3504	0.0054	0.1195	0.001	1942.6	17.7	1936.3	25.8	1949.3	15.4	0.70%
246260_27		0.5257	0.009	0.0687	0.0008	0.0555	0.0005	429	6	428.5	5	431.6	18.5	0.70%
246260_30		0.5166	0.0094	0.0677	0.0008	0.0553	0.0005	422.8	6.3	422.4	5.1	425.5	21.4	0.70%
246260_35		0.7764	0.0163	0.0945	0.0013	0.0596	0.0007	583.4	9.3	582	7.9	589.2	24.8	1.20%
246260_3		0.695	0.019	0.0864	0.002	0.0583	0.0006	535.8	11.3	534.5	12	541.5	22.2	1.30%
246260_115		14.5524	0.1952	0.5356	0.0064	0.1971	0.0009	2786.4	12.7	2764.8	26.8	2802.2	7.5	1.30%
246260_49		5.5284	0.1189	0.3411	0.0047	0.1176	0.0013	1905	18.3	1891.8	22.4	1919.5	19.1	1.40%
246260_12		2.381	0.0485	0.2102	0.0032	0.0821	0.0007	1236.9	14.5	1230.1	17	1248.9	16.7	1.50%
246260_5		0.5075	0.0134	0.0666	0.0015	0.0553	0.0005	416.7	9	415.7	9.3	422.4	20	1.60%
246260_40		0.6961	0.0114	0.0865	0.001	0.0584	0.0004	536.4	6.8	534.6	6.1	544.4	16	1.80%
246260_42		1.4976	0.0304	0.1542	0.0019	0.0705	0.0007	929.4	12.3	924.2	10.5	941.8	20.9	1.90%
246260_34		4.5634	0.0732	0.3068	0.0036	0.1079	0.0007	1742.6	13.3	1724.9	17.8	1763.9	12.5	2.20%
246260_76		4.2699	0.0931	0.2958	0.0054	0.1047	0.0009	1687.6	17.8	1670.5	26.8	1709	14.9	2.30%
246260_17		0.7125	0.0161	0.088	0.0014	0.0587	0.0006	546.2	9.5	543.6	8.4	557.1	23.9	2.40%
246260_97		0.8746	0.0177	0.1034	0.0014	0.0613	0.0007	638	9.6	634.6	8.4	650.4	23.6	2.40%
246260_108		0.8521	0.0223	0.1014	0.0023	0.061	0.0006	625.8	12.1	622.4	13.7	638.2	22	2.50%
246260_41		0.4478	0.0094	0.0598	0.0007	0.0543	0.0006	375.7	6.6	374.3	4.5	384.2	24.8	2.60%
246260_103		4.0647	0.0935	0.2873	0.0062	0.1026	0.0007	1647.3	18.6	1628.2	30.8	1671.7	12.5	2.60%
246260_25		2.5655	0.0669	0.2192	0.0044	0.0849	0.001	1290.9	18.9	1277.7	23	1312.9	23.2	2.70%
246260_93		12.9394	0.2015	0.5038	0.0053	0.1863	0.0014	2675.2	14.6	2630.2	22.9	2709.5	12.1	2.90%
246260_83		5.1197	0.1147	0.3248	0.0062	0.1143	0.0009	1839.4	18.9	1813.1	30.1	1869.4	14.4	3.00%
246260_54		2.3757	0.0466	0.2086	0.0024	0.0826	0.0008	1235.3	13.9	1221.5	12.6	1259.6	19.5	3.00%
246260_105		2.3143	0.0492	0.2052	0.0039	0.0818	0.0006	1216.7	15	1203.1	20.9	1240.9	15.1	3.00%
246260_31		0.5823	0.0101	0.0745	0.0009	0.0567	0.0005	465.9	6.5	463.3	5.4	478.8	18.9	3.20%
246260_63		0.6804	0.0145	0.0846	0.001	0.0584	0.0007	527	8.7	523.3	6	543.1	27.6	3.60%
246260_36		2.9197	0.0529	0.236	0.0033	0.0897	0.0007	1387	13.6	1366	17	1419.6	15	3.80%
246260_62		4.931	0.096	0.3166	0.0039	0.113	0.0011	1807.6	16.3	1772.9	19.2	1847.9	17.7	4.10%
246260_11		12.9658	0.2774	0.5001	0.0083	0.1881	0.0016	2677.2	20	2614	35.5	2725.3	14	4.10%
246260_6		3.8017	0.1093	0.2745	0.0071	0.1004	0.0009	1593.1	22.8	1563.7	35.6	1632.4	16.6	4.20%
246260_21		0.7765	0.0159	0.0939	0.0014	0.06	0.0005	583.5	9	578.3	8.4	603.8	18.7	4.20%
246260_89		0.7313	0.0118	0.0895	0.0008	0.0593	0.0005	557.3	6.9	552.5	4.9	577	20	4.20%
246260_8		2.5964	0.0764	0.2192	0.0056	0.0859	0.0009	1299.6	21.3	1277.8	29.5	1335.9	20.6	4.40%
246260_85		3.9678	0.0857	0.2805	0.0051	0.1026	0.0008	1627.6	17.4	1594.1	25.6	1671.5	14.6	4.60%
246260_75		0.901	0.0195	0.1053	0.0019	0.0621	0.0005	652.3	10.4	645.2	11.1	677.1	17.4	4.70%
246260_77		2.2559	0.0517	0.2005	0.0037	0.0816	0.0008	1198.6	16	1177.8	19.9	1236.6	19.1	4.80%
246260_57		0.8694	0.0272	0.1024	0.0026	0.0616	0.0008	635.2	14.7	628.4	15	659.8	29	4.80%
246260_98		1.5996	0.033	0.1597	0.0026	0.0726	0.0006	970	12.8	955.1	14.6	1004.2	17.7	4.90%
246260_28		0.5145	0.0086	0.067	0.0008	0.0557	0.0004	421.5	5.7	418.2	4.7	439.8	17.7	4.90%
246260_95		0.8803	0.0146	0.1033	0.0011	0.0618	0.0006	641.1	7.9	633.8	6.3	667.1	19.2	5.00%
246260_88		0.9146	0.0193	0.1064	0.0013	0.0624	0.0008	659.5	10.2	651.7	7.6	686.4	28.4	5.10%
246260_2		14.6909	0.3776	0.5228	0.0123	0.2038	0.0013	2795.4	24.1	2710.9	52	2857.1	10.3	5.10%
246260_84		0.725	0.0171	0.0887	0.0017	0.0593	0.0006	553.6	10	547.8	9.8	577.7	23.2	5.20%
246260_104		0.9235	0.0172	0.1071	0.0017	0.0625	0.0005	664.2	9.1	656	10.1	692.4	16	5.30%
246260_92		0.9055	0.0154	0.1055	0.0011	0.0623	0.0006	654.7	8.2	646.5	6.2	682.9	21.1	5.30%

246260_86		1.5542	0.0237	0.1563	0.0014	0.0721	0.0006	952.2	9.4	936.1	7.9	989.5	16.8	5.40%
246260_66		0.6684	0.0169	0.083	0.0012	0.0584	0.0009	519.8	10.2	514.2	7	544.4	34.2	5.50%
246260_61		5.6977	0.0992	0.3381	0.0035	0.1222	0.0011	1931	14.9	1877.5	17	1989	15.2	5.60%
246260_53		1.8115	0.0358	0.1732	0.002	0.0759	0.0008	1049.6	12.8	1029.7	10.8	1091.4	20.3	5.70%
246260_32		0.4445	0.0084	0.0591	0.0007	0.0545	0.0006	373.4	5.9	370.2	4.6	393.1	23.1	5.80%
246260_72		0.4751	0.012	0.0626	0.0012	0.0551	0.0007	394.7	8.2	391.1	7.2	416	28.5	6.00%
246260_69		0.6815	0.0136	0.0842	0.001	0.0587	0.0007	527.7	8.2	521.2	5.8	555.9	24.1	6.20%
246260_99		8.8372	0.23	0.4157	0.0095	0.1542	0.0013	2321.3	23.5	2240.8	43.2	2393	14.8	6.40%
246260_47		0.89	0.0226	0.1038	0.0015	0.0622	0.0009	646.4	12.1	636.7	8.8	680.3	32.1	6.40%
246260_37		0.6992	0.0128	0.0859	0.0011	0.059	0.0006	538.3	7.6	531.3	6.5	568.1	20.3	6.50%
246260_16		0.7285	0.0167	0.0888	0.0014	0.0595	0.0007	555.7	9.8	548.3	8.4	586.3	25	6.50%
246260_78		0.5197	0.0113	0.0674	0.0012	0.056	0.0005	424.9	7.5	420.3	7.2	450.5	19.8	6.70%
246260_45		0.8326	0.0169	0.0985	0.0012	0.0613	0.0006	615	9.3	605.7	7.1	649.5	21.6	6.70%
246260_102		4.7519	0.1392	0.3056	0.0085	0.1128	0.0008	1776.5	24.3	1719.2	42	1844.6	13.4	6.80%
246260_20		0.9031	0.0194	0.1048	0.0016	0.0625	0.0006	653.4	10.3	642.6	9.3	690.9	21.7	7.00%
246260_59		0.8168	0.0173	0.097	0.0012	0.0611	0.0007	606.3	9.6	596.8	7.2	642	25.5	7.00%
246260_74		0.5068	0.0133	0.0659	0.0014	0.0558	0.0006	416.3	8.9	411.5	8.5	442.9	25.6	7.10%
246260_18		4.2712	0.088	0.2875	0.0045	0.1077	0.0009	1687.8	16.8	1629.1	22.4	1761.7	15.3	7.50%
246260_22		0.8599	0.0186	0.1008	0.0016	0.0619	0.0006	630.1	10.1	618.9	9.4	670.6	20.7	7.70%
246260_24		0.987	0.0202	0.1119	0.0017	0.064	0.0005	697.2	10.3	683.6	9.9	741.2	18	7.80%
246260_64		1.911	0.0373	0.1778	0.0022	0.0779	0.0008	1084.9	12.9	1055.1	11.9	1145.4	19.9	7.90%
246260_71		0.7062	0.0156	0.0862	0.0016	0.0594	0.0005	542.5	9.2	533.1	9.2	582.3	19.5	8.50%
246260_82		0.8464	0.0176	0.0993	0.0017	0.0618	0.0005	622.7	9.6	610.2	10.2	668.4	15.5	8.70%
246260_109		0.5556	0.0096	0.0709	0.001	0.0569	0.0004	448.6	6.3	441.4	6.3	485.9	16.7	9.20%
246260_70		0.7003	0.0184	0.0853	0.0013	0.0595	0.001	539	10.9	528	7.6	585.8	35.4	9.90%
246260_94		0.547	0.0107	0.0694	0.0009	0.0572	0.0006	443	7	432.6	5.5	479.3	22.4	9.70%
246260_58		1.6952	0.053	0.1635	0.0043	0.0752	0.0009	1006.7	19.8	976.3	23.8	1067.9	21.2	8.60%
246260_81		0.5179	0.0139	0.0675	0.0014	0.0556	0.0008	423.8	9.3	421.1	8.2	464.4	28	9.30%
> 10% discordant														
246260_48		0.5317	0.0125	0.0709	0.0011	0.0544	0.0006	433	8.3	441.7	6.9	386.9	24.9	-14.20%
246260_15		3.0084	0.0633	0.2293	0.0036	0.0952	0.0008	1409.7	15.9	1330.7	19.1	1531.5	16.6	13.10%
246260_68		0.56	0.0108	0.0704	0.0008	0.0577	0.0006	451.5	7	438.3	5	519.3	22.1	15.60%
246260_19		1.2325	0.0303	0.1278	0.0023	0.07	0.0008	815.5	13.7	775.2	13.3	927.4	23.9	16.40%
246260_100		0.7137	0.0309	0.0851	0.0034	0.0608	0.0008	546.9	18.2	526.4	20.4	633.4	26.7	16.90%
246260_55		0.4912	0.0141	0.063	0.0013	0.0566	0.0008	405.7	9.6	393.6	8	474.9	30.5	17.10%
246260_90		0.5462	0.0096	0.0678	0.0007	0.0584	0.0006	442.5	6.3	422.8	4.1	546.4	23	22.60%
246260_56		0.7559	0.0208	0.0863	0.0019	0.0635	0.0007	571.6	11.9	533.7	11.1	725.7	24.8	26.50%
246260_110		0.7889	0.021	0.0885	0.0019	0.0647	0.0009	590.5	11.8	546.6	11.2	763.4	28.5	28.40%
246260_73		4.5607	0.1052	0.2465	0.005	0.1342	0.001	1742.1	19	1420.2	25.7	2153.8	12.8	34.10%
246260_79		0.7464	0.0163	0.0791	0.0014	0.0685	0.0006	566.1	9.4	490.7	8.4	882.4	18.4	44.40%
246260_4		1.1646	0.0352	0.1051	0.0026	0.0803	0.0011	784.1	16.4	644.5	14.9	1205.2	26.7	46.50%
246260_80		0.4999	0.0112	0.057	0.001	0.0637	0.0006	411.6	7.5	357.1	6.4	730.5	19.3	51.10%
246260_107		0.5314	0.0229	0.0562	0.0019	0.0686	0.0017	432.7	15.1	352.3	11.3	887.4	48.9	60.30%
246260_60		1.741	0.085	0.1026	0.0048	0.1231	0.0011	1023.8	31	629.4	28	2002	15.6	68.60%
246260_46		1.0238	0.0285	0.0689	0.001	0.1078	0.0019	715.8	14.2	429.5	6.1	1762	32.6	75.60%
246260_50		0.9369	0.0203	0.0578	0.0008	0.1176	0.0013	671.2	10.6	362.2	4.7	1919.8	19.8	81.10%
246260_29		0.7484	0.014	0.0894	0.0011	0.0607	0.0006	567.3	8.1	551.9	6.5	629.6	22.1	12.40%

246260_14	4.0195	0.0823	0.2699	0.0042	0.108	0.0009	1638.1	16.5	1540.4	21	1766.1	15.5	12.80%
<b>Isotopic Ratios</b>													
Grain #													
Sample: Parry Islands-3 (PI-3) C-134039													
< 10% discordant													
134039_54	0.6299	0.0282	0.081	0.0034	0.0564	0.0005	496	17.4	502.2	20.5	457.3	17.3	-9.80%
134039_26	0.753	0.0227	0.0943	0.0022	0.0579	0.0007	570	13.1	581	13	533.2	24.7	-9.00%
134039_19	0.6519	0.0196	0.0837	0.0016	0.0565	0.0009	509.6	11.9	518.2	9.7	471.5	36.2	-9.90%
134039_22	0.7247	0.0166	0.091	0.0014	0.0577	0.0006	553.4	9.7	561.6	8.3	520.1	23.1	-8.00%
134039_12	0.8593	0.0154	0.1043	0.0014	0.0598	0.0005	629.7	8.4	639.3	8.2	595.6	19.3	-7.40%
134039_77	2.6132	0.0491	0.2308	0.0038	0.0821	0.0005	1304.4	13.7	1338.9	19.9	1248.1	11.9	-7.30%
134039_27	0.8221	0.0214	0.1005	0.0018	0.0594	0.0008	609.2	11.9	617.1	10.3	580.2	28.2	-6.30%
134039_28	0.6916	0.0209	0.0873	0.0019	0.0575	0.0009	533.7	12.4	539.4	11.1	509.8	32.7	-5.80%
134039_62	0.6795	0.0189	0.0858	0.002	0.0575	0.0006	526.5	11.4	530.4	12	509.9	21.6	-4.00%
134039_33	0.7003	0.0185	0.0878	0.001	0.0578	0.0008	539	11	542.6	5.8	523.9	31.7	-3.60%
134039_104	0.6251	0.0154	0.08	0.0018	0.0567	0.0004	493.1	9.6	495.8	10.8	480.3	15.6	-3.20%
134039_10	0.9169	0.0137	0.1086	0.0013	0.0612	0.0004	660.7	7.2	664.8	7.4	646.9	14.2	-2.80%
134039_79	0.43	0.0092	0.0581	0.001	0.0537	0.0005	363.2	6.5	364.2	6.2	356.8	21.1	-2.10%
134039_23	0.7079	0.0181	0.0883	0.0015	0.0581	0.0007	543.5	10.7	545.5	8.9	535	27.7	-2.00%
134039_47	0.7161	0.0297	0.0891	0.0035	0.0583	0.0005	548.4	17.4	550.2	20.8	540.6	17.2	-1.80%
134039_20	7.3665	0.1735	0.4009	0.0067	0.1333	0.0014	2156.9	20.8	2173.3	30.8	2141.3	17.7	-1.50%
134039_35	0.7224	0.0196	0.0897	0.001	0.0584	0.0009	552.1	11.5	553.5	6.2	546.6	33.1	-1.30%
134039_5	0.9406	0.0197	0.1103	0.0017	0.0618	0.0007	673.2	10.3	674.8	9.7	668	24.1	-1.00%
134039_2	0.7182	0.0127	0.0891	0.0012	0.0585	0.0005	549.6	7.5	550	6.9	548.1	19.5	-0.30%
134039_51	0.8638	0.0366	0.1031	0.0041	0.0608	0.0005	632.2	19.7	632.6	24.1	630.7	18.8	-0.30%
134039_11	6.4155	0.0913	0.3717	0.0043	0.1252	0.0007	2034.4	12.4	2037.5	20	2031.3	10	-0.30%
134039_36	1.7696	0.0485	0.1741	0.0022	0.0737	0.0011	1034.4	17.6	1034.6	11.9	1034.1	30.2	0.00%
134039_101	6.1702	0.1474	0.3638	0.0081	0.123	0.0007	2000.2	20.7	2000.2	38.3	2000.4	10.3	0.00%
134039_41	0.9377	0.0257	0.1097	0.0013	0.062	0.001	671.7	13.4	671.2	7.6	673.6	32.5	0.40%
134039_8	0.7134	0.0171	0.0884	0.0014	0.0585	0.0008	546.7	10.1	546.3	8.6	548.9	30.3	0.50%
134039_15	0.5263	0.0101	0.0688	0.0009	0.0555	0.0006	429.4	6.7	428.6	5.6	433.4	23.4	1.10%
134039_56	3.1149	0.0814	0.2483	0.0057	0.091	0.0007	1436.4	19.9	1429.6	29.4	1446.6	14.4	1.20%
134039_52	0.7912	0.033	0.0959	0.0038	0.0599	0.0005	591.8	18.6	590.1	22.3	598.5	17.8	1.40%
134039_40	0.7356	0.0198	0.0904	0.001	0.059	0.0009	559.9	11.5	558.1	6	567.3	32.6	1.60%
134039_16	0.7081	0.0162	0.0877	0.0014	0.0586	0.0006	543.6	9.6	541.8	8.1	551.3	22.2	1.70%
134039_63	0.6939	0.0192	0.0863	0.0021	0.0584	0.0005	535.2	11.5	533.4	12.2	543	20.1	1.80%
134039_102	3.9377	0.0956	0.2833	0.0064	0.1008	0.0006	1621.5	19.5	1607.9	32.1	1639.2	11.5	1.90%
134039_113	0.6736	0.0162	0.0842	0.0018	0.058	0.0004	522.9	9.8	521	10.9	531.4	16.6	2.00%
134039_44	2.0136	0.053	0.1883	0.0021	0.0776	0.0011	1120.1	17.7	1112.1	11.3	1135.9	28.6	2.10%
134039_88	1.5464	0.0375	0.1575	0.0035	0.0712	0.0005	949.1	14.9	942.6	19.3	964.2	13.8	2.20%
134039_106	0.8432	0.0197	0.1006	0.0022	0.0608	0.0004	620.9	10.8	617.7	12.7	632.6	13.3	2.40%
134039_4	0.7591	0.0145	0.0926	0.0012	0.0595	0.0006	573.5	8.3	570.7	7.3	584.5	22.6	2.40%
134039_95	0.8169	0.0238	0.0981	0.0026	0.0604	0.0006	606.3	13.2	603	15	618.9	20.3	2.60%
134039_9	0.7465	0.0135	0.0913	0.0012	0.0593	0.0005	566.2	7.8	563	7.3	579.1	19.5	2.80%
134039_53	0.7772	0.0328	0.0942	0.0038	0.0598	0.0005	583.9	18.6	580.3	22.1	597.8	19.2	2.90%
134039_17	5.1018	0.114	0.3241	0.005	0.1142	0.0011	1836.4	18.8	1809.9	24.1	1866.5	17.6	3.00%

134039_96		0.6688	0.0169	0.0835	0.0019	0.0581	0.0005	520	10.2	516.9	11.3	533.9	17	3.20%
134039_60		13.0092	0.3322	0.5034	0.0114	0.1874	0.0013	2680.3	23.8	2628.4	48.9	2719.9	11.1	3.40%
134039_115		1.7585	0.0416	0.1712	0.0038	0.0745	0.0005	1030.3	15.2	1018.9	20.7	1054.7	12.5	3.40%
134039_78		6.3063	0.1069	0.3593	0.0054	0.1273	0.0006	2019.3	14.7	1979.1	25.4	2060.9	8.8	4.00%
134039_43		3.4024	0.0912	0.2575	0.003	0.0959	0.0014	1504.9	20.8	1476.8	15.5	1544.9	27.4	4.40%
134039_87		0.6139	0.0165	0.0776	0.0019	0.0573	0.0005	486	10.3	482	11.2	505	18.1	4.50%
134039_59		2.6574	0.0684	0.2222	0.0051	0.0868	0.0006	1316.7	18.8	1293.4	26.6	1355.1	13.9	4.60%
134039_14		0.7438	0.0116	0.0906	0.0011	0.0595	0.0004	564.6	6.7	559.2	6.3	586.7	16	4.70%
134039_74		0.702	0.0132	0.0865	0.0014	0.0589	0.0004	540	7.9	534.9	8.4	561.9	14.2	4.80%
134039_83		1.9181	0.036	0.1804	0.0029	0.0771	0.0005	1087.4	12.5	1069.1	16	1124.4	12.7	4.90%
134039_108		0.5672	0.0142	0.0727	0.0016	0.0566	0.0005	456.2	9.1	452.3	9.8	475.9	18.3	5.00%
134039_86		0.6928	0.0193	0.0856	0.0021	0.0587	0.0006	534.5	11.5	529.2	12.4	557.2	21.9	5.00%
134039_84		0.8591	0.0178	0.1014	0.0019	0.0615	0.0004	629.7	9.7	622.4	10.9	655.9	14.2	5.10%
134039_3		1.5274	0.0203	0.1543	0.0016	0.0718	0.0004	941.5	8.1	925.2	9.1	979.7	10.6	5.60%
134039_48		0.7931	0.0328	0.0951	0.0038	0.0605	0.0005	592.9	18.4	585.7	22.1	620.6	16.4	5.60%
134039_69		0.5163	0.0145	0.0671	0.0016	0.0558	0.0006	422.7	9.7	418.8	9.7	444.3	22.3	5.70%
134039_103		2.7874	0.0654	0.2272	0.005	0.089	0.0005	1352.2	17.4	1319.6	26.3	1404.1	9.7	6.00%
134039_90		3.76	0.0979	0.27	0.0065	0.101	0.0007	1584.2	20.7	1541	32.9	1642.4	12.2	6.20%
134039_24		0.969	0.0234	0.1107	0.0019	0.0635	0.0007	687.9	12	677.1	11	723.6	22.4	6.40%
134039_70		0.6928	0.0186	0.0853	0.002	0.0589	0.0005	534.5	11.1	527.5	11.7	564.7	19.4	6.60%
134039_31		0.567	0.0155	0.0724	0.0009	0.0568	0.0009	456.1	10	450.7	5.3	483.1	33.2	6.70%
134039_42		0.7228	0.023	0.0881	0.0013	0.0595	0.0011	552.3	13.4	544.4	7.9	585.4	40.6	7.00%
134039_64		0.7023	0.0191	0.0861	0.002	0.0592	0.0005	540.2	11.3	532.3	12.1	573.6	18.5	7.20%
134039_93		0.5757	0.0154	0.0732	0.0017	0.057	0.0005	461.7	9.9	455.7	10.4	492	19.7	7.40%
134039_71		0.669	0.0117	0.0827	0.0011	0.0586	0.0005	520.1	7.1	512.4	6.8	554.1	17	7.50%
134039_109		2.5365	0.0705	0.2129	0.005	0.0864	0.0011	1282.6	20	1244	26.3	1347.8	23.4	7.70%
134039_67		0.4559	0.0126	0.0602	0.0015	0.0549	0.0005	381.4	8.7	376.9	8.9	408.7	19	7.80%
134039_37		0.7114	0.0199	0.0868	0.0011	0.0594	0.0009	545.6	11.7	536.6	6.4	583.4	34.1	8.00%
134039_57		2.1006	0.0546	0.1887	0.0043	0.0808	0.0006	1149	17.7	1114.3	23.5	1215.4	14.1	8.30%
134039_75		0.9101	0.0163	0.105	0.0016	0.0628	0.0004	657.1	8.6	643.9	9.2	702.8	14.3	8.40%
134039_46		0.7475	0.0315	0.0901	0.0036	0.0602	0.0005	566.8	18.1	556.2	21.2	609.7	18.9	8.80%
134039_55		0.5643	0.0231	0.0718	0.0028	0.057	0.0004	454.3	14.9	447.1	17	490.8	14.4	8.90%
134039_13		0.9822	0.0153	0.1109	0.0013	0.0642	0.0005	694.7	7.8	678.2	7.5	748.7	16	9.40%
134039_49		0.5555	0.0256	0.0708	0.0029	0.0569	0.0008	448.6	16.6	440.9	17.6	488.5	32	9.80%
134039_65		1.5879	0.0465	0.1561	0.004	0.0738	0.0007	965.5	18.1	934.9	22.3	1036	18.8	9.80%
134039_112		2.209	0.0512	0.1935	0.0042	0.0828	0.0004	1183.9	16.1	1140.5	22.7	1264.2	10.4	9.80%
134039_38		0.7103	0.0229	0.0869	0.0016	0.0593	0.001	544.9	13.5	537.4	9.3	594	36.5	9.50%
> 10% discordant														
134039_18		0.6273	0.0185	0.0825	0.0015	0.0551	0.0009	494.4	11.5	511.1	9.1	418	36.9	-22.30%
134039_72		3.6684	0.0597	0.2565	0.0035	0.1037	0.0006	1564.5	12.9	1472.1	18.1	1691.7	10.4	13.00%
134039_73		0.553	0.0098	0.07	0.001	0.0573	0.0004	446.9	6.4	436.2	6.2	502.5	15.1	13.20%
134039_1		0.5342	0.0093	0.0679	0.001	0.0571	0.0004	434.6	6.2	423.3	5.8	495.1	16	14.50%
134039_98		0.5079	0.0144	0.0651	0.0016	0.0566	0.0006	417	9.7	406.5	9.5	475.6	25	14.50%
134039_39		5.4099	0.145	0.3108	0.0037	0.1262	0.0018	1886.4	22.7	1744.9	18.3	2046.2	25.6	14.70%
134039_32		0.7046	0.0191	0.0847	0.001	0.0603	0.0009	541.6	11.3	524.1	5.7	616.1	32.9	14.90%
134039_110		0.8904	0.0219	0.1014	0.0022	0.0637	0.0005	646.6	11.7	622.4	13.1	732.3	16.8	15.00%
134039_97		0.6989	0.0182	0.0839	0.002	0.0604	0.0005	538.1	10.8	519.3	11.8	618.7	16.2	16.10%

134039_107	0.7253	0.0177	0.0855	0.0019	0.0616	0.0005	553.8	10.4	528.6	11.2	658.6	16.5	19.70%
134039_80	1.3912	0.0279	0.1368	0.0024	0.0738	0.0005	885.2	11.8	826.4	13.8	1035.2	12.4	20.20%
134039_91	0.676	0.018	0.0804	0.002	0.061	0.0005	524.4	10.8	498.6	11.6	638.4	16.2	21.90%
134039_34	0.6082	0.0167	0.0739	0.0009	0.0597	0.0009	482.4	10.5	459.4	5.6	593.3	32.2	22.60%
134039_89	3.4822	0.1085	0.2308	0.0068	0.1094	0.0007	1523.2	24.3	1338.7	35.5	1790	12.4	25.20%
134039_25	0.7515	0.0195	0.0863	0.0015	0.0632	0.0008	569.1	11.3	533.6	8.9	713.8	27.4	25.20%
134039_114	1.409	0.038	0.1321	0.0032	0.0773	0.0007	892.8	15.9	800	18.1	1130	18.5	29.20%
134039_29	1.1323	0.0279	0.1135	0.0018	0.0724	0.0009	768.8	13.2	693	10.6	995.9	25	30.40%
134039_76	1.1565	0.02	0.1146	0.0017	0.0732	0.0005	780.3	9.4	699.5	9.6	1019	12.9	31.40%
134039_81	0.9961	0.0214	0.1033	0.002	0.0699	0.0004	701.8	10.8	633.6	11.7	926.8	13	31.60%
134039_82	0.4775	0.0089	0.0586	0.0009	0.0591	0.0004	396.3	6.1	367.3	5.6	569.4	15	35.50%
134039_50	0.4691	0.0202	0.0571	0.0023	0.0596	0.0006	390.6	13.8	358	13.9	588	23.2	39.10%
134039_100	1.0877	0.051	0.1034	0.0047	0.0763	0.0007	747.4	24.5	634.2	27.4	1103.3	17.7	42.50%
134039_7	1.172	0.0425	0.1008	0.0035	0.0843	0.0007	787.6	19.7	619.3	20.2	1299.4	16.7	52.30%
134039_85	0.6057	0.0207	0.0649	0.002	0.0677	0.0007	480.9	13	405.1	12.3	860.5	21.6	52.90%
134039_92	0.5318	0.0156	0.0588	0.0014	0.0656	0.0009	433	10.3	368.1	8.4	795	28.5	53.70%
134039_61	0.8599	0.0242	0.081	0.0019	0.077	0.0008	630	13.1	501.9	11.5	1121.9	20	55.30%
134039_21	0.9009	0.0462	0.0714	0.003	0.0915	0.0021	652.2	24.4	444.8	18	1456.3	42.5	69.50%
134039_68	1.3975	0.0722	0.0836	0.0021	0.1213	0.0043	887.9	30.1	517.4	12.5	1975.4	62.2	73.80%
134039_111	0.4908	0.0133	0.0455	0.0011	0.0782	0.0006	405.5	9	286.9	7	1152.3	14.4	75.10%
134039_105	0.7173	0.0184	0.052	0.0012	0.1	0.0008	549	10.8	327	7.5	1623.8	14.1	79.90%
134039_94	0.465	0.0124	0.061	0.0014	0.0553	0.0005	387.7	8.5	381.6	8.6	424.8	21.1	10.20%
134039_66	0.4923	0.0154	0.0639	0.0018	0.0559	0.0006	406.5	10.5	399.5	10.7	446.9	21.7	10.60%
134039_45	3.7717	0.0985	0.2631	0.0028	0.104	0.0015	1586.7	20.7	1505.8	14.4	1696.1	26.3	11.20%
134039_99	3.2984	0.0797	0.2422	0.0053	0.0988	0.0007	1480.7	18.7	1397.9	27.6	1601.5	12.3	12.70%
134039_58	0.5268	0.0147	0.0673	0.0016	0.0567	0.0005	429.7	9.7	420.1	9.8	481.5	19.7	12.80%
134039_6	3.9189	0.109	0.2663	0.0071	0.1067	0.0006	1617.6	22.3	1522	35.9	1744.5	9.7	12.80%

Grain #	Isotopic Ratios		Apparent Ages						% Disc				
	207Pb/235U	±	206Pb/238U	±	207Pb/206Pb	±	207Pb/235U	±	206Pb/238U	±	207Pb/206Pb	±	
Sample: Parry Islands-4 (PI-4) C-207286							(Ma)		(Ma)		(Ma)		
< 10% discordant													
207286_88	0.5998	0.0361	0.0779	0.0045	0.0558	0.0006	477.1	22.7	483.7	27.1	445.5	23	-8.60%
207286_22	0.4593	0.0106	0.0619	0.0012	0.0538	0.0005	383.7	7.4	387	7.1	364.4	21.2	-6.20%
207286_29	2.2233	0.0609	0.2071	0.0047	0.0779	0.0009	1188.4	19	1213.2	25.2	1143.6	21.8	-6.10%
207286_21	0.5074	0.0128	0.0674	0.0013	0.0546	0.0007	416.7	8.6	420.3	7.7	396.9	27.4	-5.90%
207286_27	0.4439	0.0121	0.06	0.0013	0.0537	0.0007	373	8.5	375.5	7.9	357.3	27.4	-5.10%
207286_61	0.5121	0.0184	0.0677	0.0022	0.0548	0.0006	419.9	12.3	422.5	13	405.2	23.3	-4.30%
207286_31	0.4454	0.0201	0.0601	0.0026	0.0538	0.0004	374.1	14	376	15.9	362.1	16.6	-3.90%
207286_25	0.4433	0.014	0.0598	0.0013	0.0538	0.0009	372.6	9.8	374.5	8.1	360.8	38.4	-3.80%
207286_82	0.5761	0.0159	0.0747	0.0016	0.0559	0.0007	462	10.2	464.7	9.4	448.8	26.9	-3.50%
207286_13	0.5059	0.0199	0.0669	0.0024	0.0549	0.0006	415.7	13.3	417.3	14.6	407.2	24.9	-2.50%
207286_12	2.3114	0.0888	0.2085	0.0077	0.0804	0.0006	1215.8	26.9	1220.8	40.8	1207	15.4	-1.10%
207286_63	0.4385	0.0111	0.059	0.0012	0.0539	0.0005	369.2	7.8	369.8	7.2	365.7	22.6	-1.10%
207286_94	10.6979	0.2374	0.4736	0.0096	0.1638	0.0009	2497.2	20.4	2499.5	41.9	2495.5	8.9	-0.20%
207286_86	0.4968	0.012	0.0656	0.0012	0.0549	0.0005	409.6	8.1	409.5	7.5	409.9	21.4	0.10%
207286_33	0.4631	0.0214	0.0617	0.0027	0.0544	0.0006	386.4	14.7	386.2	16.3	387.6	24.2	0.30%

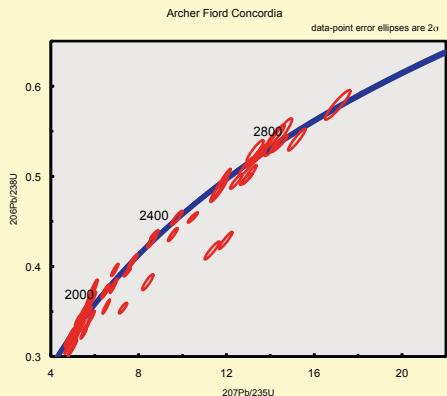
207286_24		9.038	0.1937	0.4358	0.0083	0.1504	0.0009	2341.9	19.4	2331.9	37.1	2350.7	10.6	0.80%
207286_65		0.5165	0.0132	0.0677	0.0015	0.0553	0.0005	422.8	8.8	422.3	8.8	425.7	19.4	0.80%
207286_60		0.5138	0.0181	0.0674	0.0021	0.0553	0.0005	421	12.1	420.3	12.9	424.7	20	1.00%
207286_48		0.5032	0.0174	0.0662	0.0021	0.0551	0.0005	413.9	11.7	413.1	12.5	417.7	19.5	1.10%
207286_80		0.4857	0.011	0.0642	0.0012	0.0548	0.0004	402	7.5	401.4	7.2	405.9	18.1	1.10%
207286_43		5.0525	0.2318	0.3258	0.0145	0.1125	0.0008	1828.2	38.2	1817.9	70.2	1840	13.3	1.20%
207286_102		0.4471	0.0106	0.0598	0.0013	0.0542	0.0004	375.3	7.4	374.6	7.6	379.5	16.9	1.30%
207286_98		5.2398	0.123	0.3309	0.0071	0.1149	0.0007	1859.1	19.8	1842.7	34.3	1877.7	10.5	1.90%
207286_90		5.7187	0.1506	0.3461	0.0077	0.1199	0.0011	1934.2	22.5	1915.8	36.6	1954	16.1	2.00%
207286_66		8.4021	0.1934	0.4172	0.0081	0.1461	0.0011	2275.4	20.7	2247.7	36.7	2300.5	12.5	2.30%
207286_45		11.8605	0.5197	0.4856	0.0209	0.1771	0.001	2593.4	40.2	2551.7	90	2626.3	9	2.80%
207286_91		0.5169	0.0132	0.0675	0.0015	0.0555	0.0005	423.1	8.8	421.1	8.8	434	20.6	3.00%
207286_81		0.5517	0.0134	0.0713	0.0014	0.0561	0.0005	446.1	8.7	443.9	8.4	457.8	19.8	3.00%
207286_67		14.6572	0.3478	0.5304	0.0107	0.2004	0.0014	2793.2	22.3	2743.1	45.1	2829.8	11.7	3.10%
207286_37		1.6125	0.0709	0.1615	0.0069	0.0724	0.0005	975.1	27.2	965.2	38.4	997.5	12.6	3.20%
207286_2		0.8745	0.0373	0.1032	0.004	0.0614	0.0008	638	20	633.3	23.4	654.9	28.3	3.30%
207286_72		0.5418	0.0124	0.0702	0.0012	0.056	0.0005	439.6	8.1	437.2	7.5	452.8	20.2	3.50%
207286_95		0.5292	0.0134	0.0688	0.0015	0.0558	0.0005	431.3	8.9	428.8	9	444.8	20.2	3.60%
207286_104		0.5134	0.0129	0.067	0.0015	0.0556	0.0005	420.8	8.6	418	8.8	436.1	19	4.20%
207286_32		0.4495	0.0203	0.0598	0.0026	0.0545	0.0005	377	14.1	374.6	15.8	391.6	18.5	4.30%
207286_99		0.4372	0.0115	0.0584	0.0013	0.0543	0.0006	368.3	8.1	365.9	7.6	383.6	24.2	4.60%
207286_56		0.4373	0.0153	0.0584	0.0018	0.0543	0.0005	368.3	10.7	365.7	11.1	384.6	20.4	4.90%
207286_75		3.0557	0.0671	0.241	0.0042	0.092	0.0007	1421.7	16.7	1391.8	21.9	1466.8	15.3	5.10%
207286_4		0.4783	0.018	0.063	0.0022	0.0551	0.0005	396.9	12.3	393.7	13.5	415.8	20.3	5.30%
207286_42		0.4939	0.0228	0.0647	0.0028	0.0554	0.0006	407.5	15.4	404.1	17.1	427.1	22.8	5.40%
207286_74		0.5198	0.013	0.0675	0.0013	0.0558	0.0006	425	8.7	421.3	7.7	445.5	24.2	5.40%
207286_26		0.4462	0.0154	0.0593	0.0016	0.0546	0.0009	374.6	10.8	371.2	10	395.6	35.1	6.20%
207286_39		0.5082	0.0228	0.0662	0.0028	0.0557	0.0005	417.3	15.2	413.1	17.2	440.3	19	6.20%
207286_16		0.4454	0.0106	0.0592	0.0011	0.0546	0.0006	374	7.4	370.6	6.7	395.4	24.2	6.30%
207286_51		3.9346	0.1376	0.2765	0.0089	0.1032	0.0008	1620.8	27.9	1573.7	44.6	1682.5	14.5	6.50%
207286_54		0.6196	0.022	0.0778	0.0025	0.0578	0.0006	489.6	13.7	482.9	14.7	520.8	21.2	7.30%
207286_52		0.4873	0.0174	0.0637	0.002	0.0554	0.0005	403.1	11.8	398.3	12.4	430.4	21.5	7.50%
207286_6		0.4569	0.0181	0.0604	0.0022	0.0549	0.0006	382.1	12.6	377.8	13.6	408.8	22.9	7.60%
207286_100		0.5197	0.013	0.0672	0.0014	0.0561	0.0005	425	8.7	419.3	8.6	456.2	20.7	8.10%
207286_89		0.5224	0.0132	0.0675	0.0014	0.0562	0.0006	426.8	8.7	421	8.2	458.5	22	8.20%
207286_19		0.4373	0.0108	0.058	0.0012	0.0547	0.0005	368.4	7.6	363.3	7.4	400.3	20.9	9.20%
207286_41		0.465	0.0218	0.061	0.0028	0.0553	0.0004	387.8	15	382	16.9	422.4	16.6	9.60%
207286_92		0.525	0.0119	0.0676	0.0013	0.0564	0.0004	428.5	7.9	421.5	8.1	466.6	15.7	9.70%
207286_34		0.4767	0.0232	0.0622	0.0029	0.0556	0.0005	395.8	15.9	389.1	17.8	428.3	18.2	9.10%
207286_101		0.4962	0.0145	0.0641	0.0016	0.0561	0.0006	409.1	9.8	400.5	9.8	444.4	21.6	9.90%
207286_69		0.4494	0.0118	0.0594	0.0012	0.0548	0.0006	376.8	8.2	372.2	7.3	412.9	21.6	9.90%
207286_78		0.5213	0.0196	0.0672	0.002	0.0563	0.0009	426	13	419.2	11.9	459.1	30.8	8.70%
> 10% discordant														
207286_53		0.5058	0.0198	0.0681	0.0023	0.0539	0.0007	415.6	13.3	424.7	13.7	365.1	30.4	-16.30%
207286_8		0.5177	0.0211	0.0661	0.0025	0.0568	0.0006	423.6	14	412.8	15.4	482.9	21.7	14.50%
207286_59		9.6096	0.3387	0.4035	0.013	0.1727	0.0014	2398.1	31.9	2185.2	59.7	2584.1	13.2	15.40%
207286_62		0.4649	0.0121	0.0603	0.0012	0.0559	0.0006	387.7	8.3	377.4	7.4	449.7	24.1	16.10%

207286_93		0.5343	0.013	0.0676	0.0014	0.0574	0.0005	434.7	8.6	421.4	8.5	505.5	18.5	16.60%
207286_71		0.5203	0.0134	0.066	0.0013	0.0572	0.0006	425.4	8.9	412.1	7.7	498.1	24.7	17.30%
207286_10		0.4852	0.0187	0.0623	0.0022	0.0565	0.0006	401.7	12.7	389.4	13.6	472.8	21.9	17.60%
207286_38		0.4487	0.0203	0.0583	0.0025	0.0558	0.0005	376.4	14.1	365.2	15.3	445.9	20	18.10%
207286_14		0.5345	0.0204	0.067	0.0024	0.0578	0.0005	434.8	13.4	418.3	14.6	523.2	20	20.00%
207286_57		0.4708	0.0171	0.0601	0.0019	0.0568	0.0006	391.7	11.7	376.5	11.7	482.5	23.4	22.00%
207286_97		8.1484	0.421	0.3539	0.018	0.167	0.001	2247.6	45.7	1953.4	85	2527.6	10.1	22.70%
207286_47		0.4428	0.0169	0.057	0.0019	0.0564	0.0007	372.2	11.8	357.1	11.4	467.5	28	23.60%
207286_35		0.5514	0.0242	0.0679	0.0029	0.0589	0.0004	445.9	15.7	423.6	17.6	563	13.4	24.80%
207286_1		0.4803	0.0193	0.0606	0.0022	0.0575	0.0007	398.3	13.2	379	13.6	511.9	25.7	26.00%
207286_105		0.4622	0.0155	0.058	0.0016	0.0578	0.0008	385.8	10.7	363.5	9.7	521.9	30.4	30.30%
207286_7		0.5474	0.0218	0.0659	0.0024	0.0603	0.0007	443.3	14.2	411.3	14.6	613	24.4	32.90%
207286_76		3.5219	0.0821	0.2182	0.0043	0.1171	0.0009	1532.1	18.3	1272.2	22.6	1912.2	13.5	33.50%
207286_11		0.536	0.0206	0.0643	0.0023	0.0605	0.0005	435.8	13.5	401.8	14.1	619.9	19.4	35.20%
207286_30		0.5954	0.0161	0.0692	0.0015	0.0624	0.0008	474.3	10.2	431.4	8.8	687.8	26.8	37.30%
207286_84		0.4952	0.0159	0.06	0.0013	0.0599	0.001	408.5	10.8	375.4	8.2	600.1	35.4	37.40%
207286_49		1.0634	0.0384	0.1031	0.0032	0.0748	0.0009	735.5	18.7	632.5	18.9	1063.3	22.7	40.50%
207286_85		0.4843	0.0161	0.058	0.0014	0.0606	0.001	401	11	363.4	8.6	624.2	34.6	41.80%
207286_17		0.5251	0.0136	0.0616	0.0012	0.0619	0.0007	428.6	9	385.2	7.5	669.1	25.4	42.40%
207286_87		3.1562	0.0718	0.1854	0.0034	0.1235	0.001	1446.5	17.4	1096.3	18.6	2007.1	14.4	45.40%
207286_36		0.5266	0.0247	0.0608	0.0027	0.0628	0.0006	429.6	16.3	380.6	16.6	701.5	19.8	45.70%
207286_77		0.6487	0.0167	0.0709	0.0015	0.0664	0.0007	507.7	10.3	441.5	8.9	818.2	20.5	46.00%
207286_20		0.6035	0.0144	0.0658	0.0012	0.0665	0.0007	479.4	9.1	410.9	7.3	822.1	22.8	50.00%
207286_55		0.5693	0.0231	0.0614	0.0023	0.0672	0.0007	457.6	14.8	384.3	13.7	844.4	22.6	54.50%
207286_18		0.5683	0.0149	0.0614	0.0012	0.0672	0.0009	456.9	9.6	383.8	7.5	843.5	26.1	54.50%
207286_50		0.5705	0.0218	0.0613	0.0021	0.0675	0.0007	458.3	14	383.4	12.6	853.9	22.7	55.10%
207286_58		0.7853	0.0385	0.0686	0.0023	0.0831	0.0021	588.5	21.7	427.6	14	1270.5	49	66.30%
207286_103		0.7023	0.0321	0.0605	0.0026	0.0842	0.0008	540.1	18.9	378.5	16	1298	18	70.80%
207286_23		0.7519	0.0255	0.0624	0.0015	0.0874	0.0016	569.3	14.7	390.2	9.4	1369.1	34.1	71.50%
207286_15		0.7322	0.0285	0.061	0.0022	0.087	0.001	557.8	16.6	381.9	13.3	1360.7	21	71.90%
207286_96		0.9238	0.0259	0.069	0.0015	0.0971	0.0013	664.4	13.6	430	8.9	1569.8	24.7	72.60%
207286_28		0.8396	0.0224	0.0648	0.0015	0.094	0.0008	618.9	12.3	404.5	9.2	1509	16.7	73.20%
207286_3		0.9606	0.0402	0.069	0.0028	0.1009	0.0009	683.6	20.6	430.4	16.7	1641	16.4	73.80%
207286_73		0.8028	0.0237	0.0607	0.0011	0.096	0.0016	598.4	13.3	379.6	6.7	1547.5	30.7	75.50%
207286_44		1.6717	0.0971	0.0836	0.0039	0.1451	0.0036	997.8	36.3	517.3	22.9	2289	42.5	77.40%
207286_83		1.854	0.0878	0.0819	0.0022	0.1642	0.0048	1064.9	30.8	507.4	13.1	2499.5	48.4	79.70%
207286_64		1.1296	0.0286	0.0641	0.0013	0.1279	0.0013	767.6	13.5	400.3	7.8	2069	17.2	80.70%
207286_46		2.5601	0.1352	0.0885	0.0035	0.2099	0.0052	1289.3	37.8	546.4	20.8	2904.6	39.7	81.20%
207286_5		0.9936	0.0471	0.0546	0.0021	0.1321	0.0027	700.6	23.7	342.5	13	2125.8	35.7	83.90%
207286_40		0.5119	0.0227	0.066	0.0028	0.0563	0.0004	419.7	15.1	411.7	17.2	463.9	15.4	11.30%
207286_68		0.5123	0.0125	0.0659	0.0013	0.0564	0.0005	420	8.4	411.5	7.9	467	20	11.90%
207286_70		0.4425	0.0112	0.0583	0.0011	0.0551	0.0006	372	7.9	365.1	7	415.5	23.4	12.10%
207286_9		0.5053	0.0188	0.0651	0.0023	0.0563	0.0004	415.3	12.6	406.4	14.1	465.5	16.1	12.70%
207286_79		0.4645	0.0118	0.0606	0.0012	0.0556	0.0006	387.4	8.2	379.4	7.4	435.3	22.8	12.80%

# Representative Concordia Diagrams and Cathodoluminescence (CL) Images

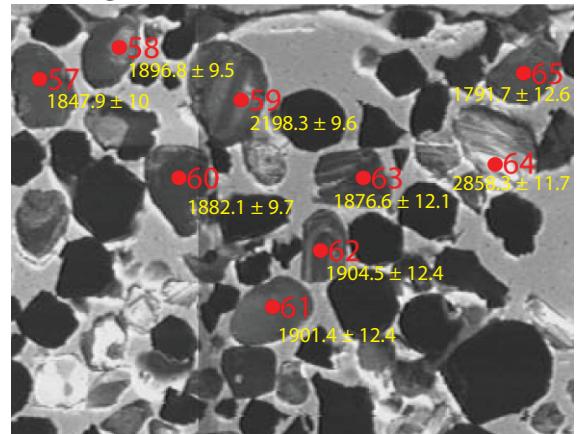
## Clastic Interval I

Archer Fiord Formation: Sample AF



Concordia Diagram

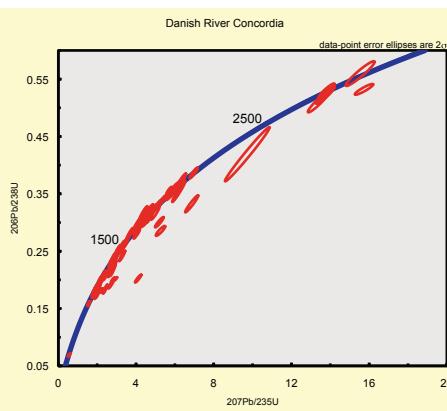
CL Image



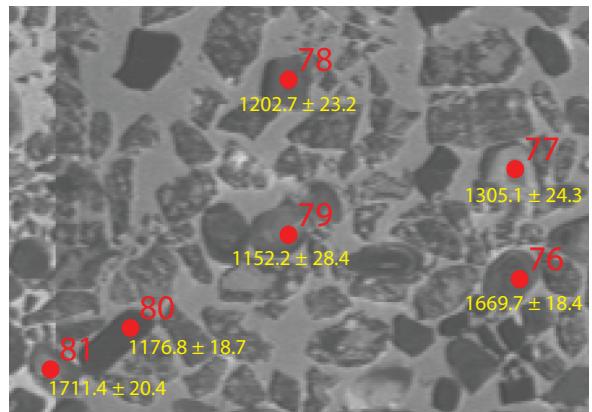
Red circles are the LA-ICPMS spot locations and red numbers are the grain numbers; the yellow numbers are the ages and errors in Ma.

## Clastic Interval II

Danish River Formation: Sample DR



Concordia Diagram

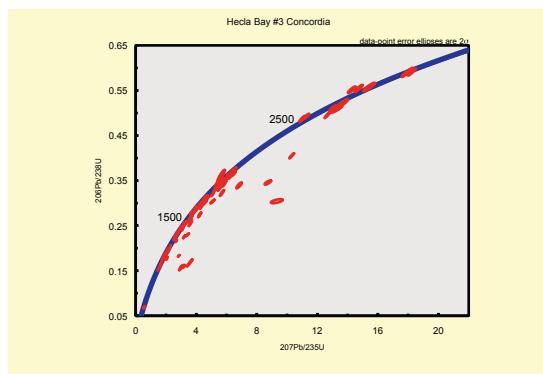


Red circles are the LA-ICPMS spot locations and red numbers are the grain numbers; the yellow numbers are the ages and errors in Ma.

# Representative Concordia Diagrams and Cathodoluminescence (CL) Images

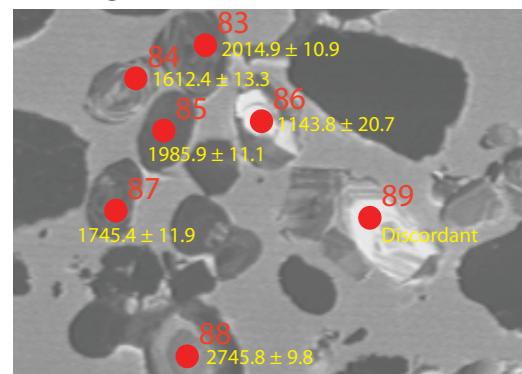
## Clastic Interval III: Hecla Bay Sequence

Hecla Bay Formation: Sample HB-3



Concordia Diagram

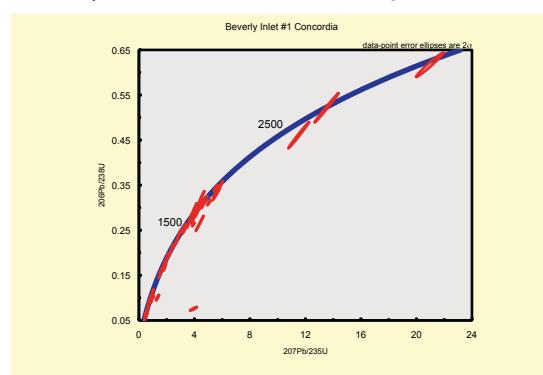
CL Image



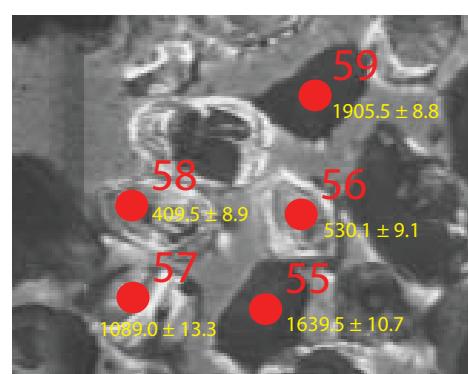
Red circles are the LA-ICPMS spot locations and red numbers are the grain numbers; the yellow numbers are the ages and errors in Ma.

## Clastic Interval III: Beverly Inlet Sequence

Beverly Inlet Formation: Sample BI-1



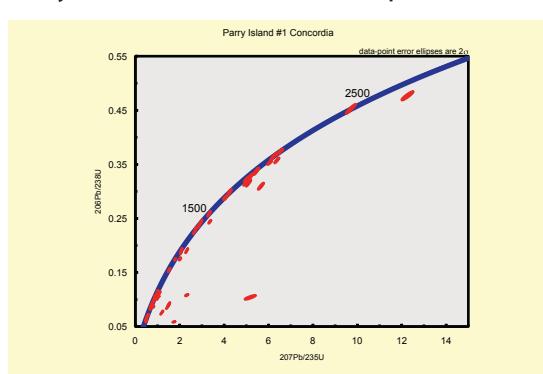
Concordia Diagram



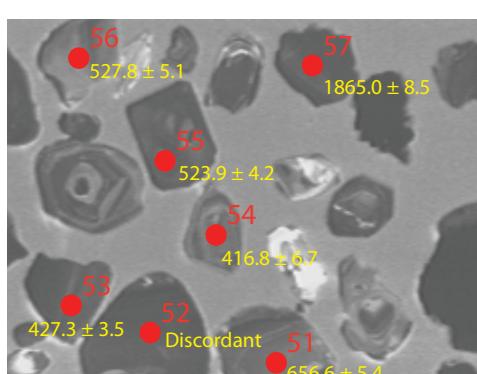
Red circles are the LA-ICPMS spot locations and red numbers are the grain numbers; the yellow numbers are the ages and errors in Ma.

## Clastic Interval III: Parry Islands Sequence

Parry Islands Formation: Sample PI-1



Concordia Diagram



Red circles are the LA-ICPMS spot locations and red numbers are the grain numbers; the yellow numbers are the ages and errors in Ma.