Geological Magazine

Detrital zircon characterization of early Cambrian sandstones from East Avalonia and SE Ireland: implications for terrane affinities in the peri-Gondwanan Caledonides

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Supplementary Material

Table of analytical results for sample ML120A

ML120A		NORMALIZED WITH PLESOVICE										NORMALIZED WITH 91500									
	Grain	Final 207Pb/235U	Final 207Pb/235U Prop2SE	Final 206Pb/238U	Final 206Pb/238U Prop2SE	Error Correlation	Final Age 206Pb-238U	Final Age 206Pb-238U Prop2SE	Final Age 207Pb-206Pb	Final Age 207Pb-206Pb Prop2SE	Discordance %	Final 207Pb/235U	Final 207Pb/235U Prop2SE	Final 206Pb/238U	Final 206Pb/238U Prop2SE	Error Correlation	Final Age 206Pb-238U	Final Age 206Pb-238U Prop2SE	Final Age 207Pb-206Pb	Final Age 207Pb-206Pb Prop2SE	Discordance %
Dis	ML120-097	0.905	0.029	0.1104	0.0015	0.29454	675	9	572	59	-18.01	0.857	0.023	0.1034	0.0021	0.30034	634.1	12	579	64	-9.52
	ML120-086	0.867	0.023	0.10643	0.0014	0.41425	651.9	8.1	569	43	-14.57	0.828	0.017	0.1009	0.002	0.4384	619.6	12	573	49	-8.13
	ML120-109	0.972	0.024	0.1167	0.0016	0.54269	711.4	9.1	621	36	-14.56	0.902	0.016	0.1085	0.0022	0.55875	663.9	13	627	44	-5.89
	ML120-006	0.911	0.028	0.1101	0.0019	0.076356	673.1	11	590	62	-14.08	0.858	0.025	0.1024	0.0018	0.067943	628.4	11	607	62	-3.53
	ML120-091	162.7	4.5	1.483	0.037	0.8887	5860	97	4964	24	-18.05	154.6	3.5	1.391	0.04	0.87595	5615	110	4968	32	-13.02
	ML120-049	14.85	0.23	0.6042	0.014	0.69206	3046	57	2612	23	-16.62	14.14	0.35	0.5786	0.018	0.72215	2942	74	2619	27	-12.33
	ML120-060	0.816	0.018	0.1004	0.0023	0.25635	616.8	13	554	50	-11.34	0.776	0.023	0.0955	0.0029	0.26093	587.8	17	549	53	-7.07
	ML120-096	5.518	0.12	0.3747	0.005	0.6215	2051	23	1754	23	-16.93	5.281	0.07	0.3536	0.007	0.6152	1954	31	1759	31	-11.09
Plotted data	ML120-085	0.734	0.018	0.09095	0.0013	0.22085	561.1	7.7	557	41	-0.74	0.7	0.013	0.08623	0.0017	0.21267	533.2	10	561	48	4.96
	ML120-052	0.752	0.013	0.0915	0.0019	0.075117	564.4	11	563	44	-0.25	0.715	0.018	0.08703	0.0025	0.029687	537.9	15	569	48	5.47
	ML120-053	0.807	0.015	0.0957	0.0022	0.60198	588.8	13	635	36	7.28	0.768	0.02	0.091	0.0028	0.62742	561.3	17	639	40	12.16
	ML120-115	0.7803	0.017	0.0965	0.0011	0.13115	593.8	6.7	546	35	-8.75	0.7247	0.01	0.08975	0.0017	0.21342	554	10	552	43	-0.36
	ML120-056	0.794	0.016	0.0968	0.0022	0.37698	595.7	13	579	42	-2.88	0.756	0.021	0.0921	0.0028	0.35742	567.9	16	578	45	1.75
	ML120-104	0.817	0.033	0.0982	0.0018	0.0603	603.4	11	595	90	-1.41	0.768	0.029	0.0914	0.0022	0.042824	563.7	13	601	93	6.21
	ML120-095	0.898	0.027	0.1048	0.0017	0.43267	642.4	9.7	666	46	3.54	0.856	0.021	0.099	0.0022	0.401	608.2	13	671	52	9.36
	ML120-105	0.87	0.022	0.10509	0.0014	0.28618	644.1	7.9	610	38	-5.59	0.813	0.015	0.09786	0.0019	0.29581	601.8	11	616	45	2.31
	ML120-015	0.894	0.025	0.1052	0.0022	0.20804	644.4	13	664	53	2.95	0.846	0.021	0.0979	0.002	0.1358	601.8	12	680	53	11.50
	ML120-051	0.904	0.016	0.10535	0.0022	0.2844	645.6	13	670	37	3.64	0.859	0.023	0.10017	0.0029	0.36616	615.3	17	676	41	8.98
	ML120-003	0.88	0.019	0.10552	0.0017	0.27524	646.6	9.8	620	30	-4.29	0.825	0.016	0.09807	0.0017	0.47152	603	9.9	637	30	5.34
	ML120-131	0.908	0.023	0.1066	0.0014	0.31543	652.9	8.2	667	39	2.11	0.85	0.015	0.09944	0.0019	0.32347	611.1	11	660	47	7.41
	ML120-130	0.931	0.029	0.1115	0.0018	0.29769	681.2	10	631	57	-7.96	0.87	0.023	0.1039	0.0022	0.30702	637	13	625	62	-1.92
	ML120-034	0.957	0.028	0.1118	0.0022	0.24821	683	13	679	56	-0.59	0.895	0.023	0.1039	0.002	0.18239	638.7	12	685	55	6.76
	ML120-024	1.134	0.029	0.1274	0.0022	0.37703	772.8	12	763	38	-1.28	1.073	0.025	0.1188	0.002	0.36066	723.8	11	776	37	6.73
	ML120-107	1.69	0.044	0.1738	0.0022	0.11349	1032.9	12	949	44	-8.84	1.573	0.03	0.1615	0.0031	0.095832	965.1	17	955	50	-1.06
	ML120-118	1.969	0.052	0.1971	0.0032	0.21569	1159	17	991	45	-16.95	1.831	0.037	0.1834	0.0039	0.21586	1085	21	996	50	-8.94
	ML120-114	2.37	0.057	0.2194	0.0029	0.12487	1279	15	1157	34	-10.54	2.201	0.037	0.2041	0.004	0.1513	1197	22	1162	40	-3.01
	ML120-065	2.263	0.026	0.2062	0.0041	0.27725	1208.2	22	1185	26	-1.96	2.155	0.048	0.1956	0.0056	0.2641	1151.6	30	1196	30	3.71
	ML120-089	2.444	0.057	0.2217	0.0032	0.44054	1291	17	1200	31	-7.58	2.337	0.037	0.2099	0.0043	0.45957	1228	23	1204	38	-1.99
	ML120-050	2.491	0.036	0.2195	0.0046	0.36427	1279.2	24	1237	28	-3.41	2.368	0.057	0.2087	0.006	0.36855	1221.8	32	1244	32	1.78
	ML120-033	2.568	0.05	0.2274	0.0037	0.56669	1320.6	19	1243	17	-6.24	2.419	0.037	0.2133	0.0033	0.53448	1246.3	18	1249	16	0.22
	ML120-048	2.833	0.038	0.2394	0.0049	0.64192	1383.5	25	1320	24	-4.81	2.689	0.063	0.2269	0.0065	0.68276	1318.3	34	1324	29	0.43
	ML120-035	2.884	0.058	0.2455	0.0038	0.35621	1415.1	20	1319	22	-7.29	2.725	0.045	0.2315	0.0036	0.31734	1342.3	19	1324	22	-1.38
	ML120-013	3.124	0.086	0.265	0.0054	0.17953	1515	27	1340	44	-13.06	2.968	0.075	0.2474	0.005	0.1854	1425	26	1355	44	-5.17
	ML120-019	3.399	0.068	0.2761	0.0047	0.21869	1571	24	1424	22	-10.32	3.23	0.053	0.2585	0.0043	0.23396	1482	22	1437	22	-3.13
	ML120-025	3.365	0.066	0.2702	0.0044	0.4943	1542	22	1441	18	-7.01	3.181	0.051	0.2527	0.004	0.46157	1452	20	1450	18	-0.14
	ML120-059	3.126	0.046	0.247	0.005	0.35196	1422.9	26	1464	28	2.81	2.973	0.072	0.2343	0.0068	0.36373	1357	35	1461	32	7.12
	ML120-005	3.561	0.074	0.2804	0.0046	0.031946	1593	23	1469	29	-8.44	3.362	0.059	0.2618	0.0042	0.032686	1499	21	1485	28	-0.94
	ML120-054	3.582	0.051	0.2776	0.0059	0.44626	1579	30	1485	27	-6.33	3.407	0.081	0.2635	0.0076	0.4659	1508	39	1487	32	-1.41
	ML120-113	3.536	0.072	0.2766	0.0035	0.72687	1574	18	1484	20	-6.06	3.272	0.037	0.2565	0.0049	0.73506	1472	25	1489	29	1.14
	ML120-031	3.709	0.076	0.2903	0.005	0.17024	1643	25	1490	25	-10.27	3.516	0.059	0.2731	0.0046	0.13961	1559	24	1496	25	-4.21
	ML120-044	3.68	0.14	0.2809	0.0068	0.00001	1595	34	1500	86	-6.33	3.5	0.15	0.2677	0.0085	0.00001	1529	43	1496	88	-2.21
	ML120-012	3.706	0.073	0.2915	0.0049	0.39556	1649	24	1482	21	-11.27	3.516	0.058	0.2723	0.0046	0.45841	1552	23	1497	20	-3.67
	ML120-014	3.642	0.07	0.2844	0.0044	0.20738	1613.2	22	1495	20	-7.91	3.456	0.054	0.2654	0.0041	0.18456	1517.2	21	1510	20	-0.48
	ML120-047	3.666	0.049	0.2809	0.0059	0.37494	1596	29	1511	27	-5.63	3.479	0.081	0.2663	0.0077	0.34154	1522	39	1513	31	-0.59
	ML120-098	3.827	0.079	0.2965	0.0041	0.17602	1674	20	1514	27	-10.57	3.62	0.041	0.2763	0.0053	0.19417	1572	27	1519	34	-3.49
	ML120-028	3.471	0.068	0.2669	0.0044	0.29428	1525	22	1519	20	-0.39	3.273	0.053	0.2493	0.004	0.33185	1435	21	1526	20	5.96
	ML120-055	3.61	0.051	0.2736	0.0056	0.4843	1559	28	1544	25	-0.97	3.429	0.081	0.2587	0.0075	0.4805	1483	38	1545	30	4.01
	ML120-010	3.79	0.077	0.2863	0.0048	0.42813	1623	24	1561	22	-3.97	3.59	0.061	0.2669	0.0044	0.40125	1525	22	1576	22	3.24
	ML120-042	4.314	0.085	0.3201	0.0072	0.51096	1790	35	1593	35	-12.37	4.082	0.11	0.3001	0.009	0.52411	1692	45	1585	38	-6.75
	ML120-117	5.141	0.12	0.3483	0.0056	0.53801	1926	27	1753	27	-9.87	4.754	0.068	0.3212	0.0069	0.5551	1795	34	1757	35	-2.16
	ML120-022	5.247	0.12	0.3539	0.006	0.10351	1953	29	1767	30	-10.53	4.95	0.096	0.3294	0.0056	0.14806	1835	27	1779	30	-3.15
	ML120-002	4.7	0.19	0.3153	0.01	0.8244	1766	51	1770	31	0.23	4.41	0.17	0.2935	0.0097	0.8311	1658	49	1784	31	7.06
	ML120-087	5.449	0.13	0.3618	0.0052	0.56072	1990	25	1788	29	-11.30	5.211	0.093	0.3441	0.007	0.57645	1906	34	1792	35	-6.36
	ML120-026	4.82	0.094	0.323	0.005	0.27223	1804	24	1785	18	-1.06	4.506	0.075	0.2984	0.0046	0.40526	1683.1	23	1794	18	6.18
	ML120-090	5.226	0.11	0.3476	0.0043	0.40559	1923	21	1792	23	-7.31	4.986	0.059	0.328	0.0062	0.37038	1829	30	1796	31	-1.84
	ML120-106	5.782	0.12	0.3791	0.0045	0.45695	2072	21	1815	22	-14.16	5.384	0.062	0.3523	0.0065	0.4305	1945	31	1821	30	-6.81
	ML120-092	5.32	0.11	0.3479	0.0044	0.35447	1924	21	1823	25	-5.54	5.073	0.063	0.3281	0.0062	0.30255	1829	30	1827	32	-0.11
	ML120-018	5.356	0.099	0.3496	0.0057	0.45782	1933	27	1827	16	-5.80	5.048	0.074	0.3246	0.0052	0.4769	1812	25	1840	16	1.52
	ML120-021	5.77	0.15	0.3748	0.0078	0.49654	2052	36	1833	34	-11.95	5.47	0.13	0.3513	0.0073	0.5062	1940	35	1845	34	-5.15
	ML120-041	5.756	0.079	0.3633	0.0077	0.41873	1997	37	1886	24	-5.89	5.449	0.13	0.3425	0.01	0.44158	1898	48	1877	28	-1.12
	ML120-126	6.24	0.12	0.3843	0.0044	0.53077	2096	21	1927	19	-8.77	5.828	0.057	0.3582	0.0066	0.55621	1973	31	1924	28	-2.55
	ML120-032	6.555	0.12	0.3891	0.0059	0.57692	2118	27	1991.2	10	-6.37	6.189	0.086	0.3656	0.0055	0.62532	2009	26	1996.9	9.7	-0.61
	ML120-072	6.509	0.11	0.3829	0.0092	0.44603	2089	43	1991	35	-4.92	6.194	0.16	0.3624	0.011	0.45866	1993	53	2013	38	0.99
	ML120-123	6.489	0.14	0.3787	0.0051	0.57377	2070	24	2020	22	-2.48	6.061	0.078	0.3532	0.0069	0.55795	1950	33	2019	30	3.42
	ML120-069	6.808	0.081	0.3969	0.0081	0.58145	2154	38	2012	22	-7.06	6.484	0.15	0.3763	0.011	0.56735	2059	50	2029	27	-1.48
	ML120-102	6.346	0.15	0.3658	0.0055	0.87972	2009	26	2047	19	1.86	5.937	0.085	0.3402	0.0069	0.85091	1887	33	2053	27	8.09
	ML120-132	6.844	0.15	0.3914	0.0057	0.57712	2129	26	2061	23	-3.30	6.418	0.076	0.3655	0.0075	0.59181	2008	36	2055	31	2.29
	ML120-111	7.545	0.15	0.4182	0.0047	0.54997	2252	21	2107	18	-6.88	6.998	0.07	0.3885	0.0071	0.57244	2116	33	2112	27	-0.19
	ML120-004	8.37	0.2	0.463	0.0092	0.84717	2452	40	2108	18	-16.32	7.93	0.17	0.4353	0.0087	0.81964	2329	39	2122	18	-9.75
	ML120-001	10.665	0.19	0.4916	0.0079	0.65283	2577	34	2423.6	10	-6.33	10.028	0.14	0.4603	0.0073	0.62398	2441	32	2436.9	9.9	-0.17
	ML120-016	11.12	0.22	0.5091	0.0093	0.59917	2652	40	2453	17	-8.11	10.53	0.17	0.4754	0.0084	0.6197	2507	37	2465	17	-1.70
	ML120-030	12.26	0.22	0.518	0.0082	0.63661	2690	35	2577	11	-4.38	11.635	0.17	0.4881	0.0078	0.72749	2562	34	2583	10	0.81
	ML120-093	13.067	0.26	0.5412	0.0068	0.71135	2788	28	2616	17	-6.57	12.472	0.13	0.5106	0.0099	0.76304	2659	43	2620	26	-1.49
	ML120-082	14.88	0.24	0.5938	0.013	0.8967	3004	52	2674.1	19	-12.34	14.11	0.35	0.5616	0.017	0.89537	2877	66	2674.4	24	-7.58
	ML120-110	15.06	0.32	0.5877	0.0079	0.4055	2980	32	2703	24	-10.25	13.99	0.19	0.5486	0.011	0.40975	2819	45	2708	31	-4.10
	ML120-008	14.34	0.28	0.5551	0.0099	0.78368	2846	41	2730	11	-4.25	13.42	0.19	0.5114	0.0083	0.66315	2662	36	2743	11	2.95
1.0 > eHF error > 2.5	ML120-075	3.176	0.06	0.2595	0.006	0.53019	1490	33	1392	34	-7.04	3.017	0.081	0.2452	0.0075	0.55849	1417	41	1404	37	-0.93
	ML120-038	0.77	0.017	0.0932	0.0021	0.15896	574.5	12	598	52	3.93	0.729	0.022	0.088	0.0027	0.18033	543.4	16	584	56	6.95
	ML120-083	2.73	0.11	0.2423	0.0073	0.59887	1398	38	1233	61	-13.38	2.592	0.11	0.2307	0.0083	0.59057	1338	44	1233	63	-8.52
	ML120-124	7.623	0.17	0.4262	0.0061	0.57031	2288	27	2093	23	-9.32	7.114	0.098	0.3971	0.008	0.57037	2158	39	2091	31	-3.20
	ML120-057	0.869	0.02	0.1046	0.0023	0.39995	641.2	13	605	48	-5.98	0.826	0.025	0.099	0.003	0.36293	608.7	17	603	51	-0.95
	ML120-011	13.31	0.3	0.543	0.011	0.85789	2795	45	2641	13	-5.83	12.62	0.25	0.5079	0.0099	0.87264	2647	42	2654	13	0.26
	ML120-020	12.97	0.25	0.5438	0.011	0.87642	2799	45	2596	14	-7.82	12.39	0.2	0.5106	0.0099	0.87061	2659	42	2607	13	-1.99
	ML120-058	6.7	0.18	0.4009	0.01	0.44346	2172	47	1992	53	-9.04	6.36	0.21	0.3779	0.012	0.4237	2066	57	1989	55	-3.87

Grain	APPLIED AGE Applied age	2σ	Discordance %	duration	LUTETIUM - HAFNIUM ISOTOPIC DATA corrected $^{176}Hf/^{177}Hf$	2SE	$^{176}Lu/^{177}Hf$	2SE	$^{176}Yb/^{177}Hf$	2SE	$^{178}Hf/^{177}Hf$	2SE	$^{176}Hf/^{177}Hf_i$	EHf_0	EHf_i	2SE
ML120-097	**675**	**9**	**-18.01**	24.3	0.282427	0.000037	0.00076	0.000025	0.02813	0.00099	1.467346	0.000086	0.282417	-12.7	2.1	1.3
ML120-086	**651.9**	**8.1**	**-14.57**	22.7	no value	NAN										
ML120-109	**711.4**	**9.1**	**-14.56**	21.2	0.282416	0.000059	0.000494	0.000013	0.01975	0.00049	1.467358	0.000047	0.282409	-13.0	2.6	2.1
ML120-006	**673.1**	**11**	**-14.08**	25.1	0.282526	0.000041	0.000485	0.000013	0.0189	0.00074	1.46707	0.000063	0.282520	-9.2	5.7	1.5
ML120-091	**4968**	**32**	**-13.02**	6.5	no value	NAN										
ML120-049	**2619**	**27**	**-12.33**	10.0	0.281092	0.0001	0.00098	0.00018	0.0382	0.0074	1.467256	0.000059	0.281043	-59.9	-2.1	3.6
ML120-060	**616.8**	**13**	**-11.34**	22.6	0.282299	0.000042	0.000598	0.000018	0.02077	0.00076	1.467295	0.000077	0.282292	-17.2	-3.7	1.5
ML120-096	**1759**	**31**	**-11.09**	17.6	0.281786	0.000086	0.001533	0.000074	0.0528	0.0021	1.46729	0.00012	0.281735	-35.3	2.5	3.1
ML120-085	**561.1**	**7.7**	**-0.74**	22.6	0.282175	0.000049	0.000861	0.000056	0.0318	0.0022	1.467305	0.000079	0.282166	-21.6	-9.4	1.8
ML120-052	**564.4**	**11**	**-0.25**	23.6	0.281464	0.000052	0.001615	0.000033	0.0572	0.0012	1.467356	0.00007	0.281447	-46.7	-34.8	1.9
ML120-053	**588.8**	**13**	**7.28**	23.2	0.282143	0.00005	0.000575	0.000054	0.019	0.0017	1.467385	0.000084	0.282137	-22.7	-9.8	1.8
ML120-115	**593.8**	**6.7**	**-8.75**	22.4	0.28262	0.000046	0.000921	0.000025	0.03325	0.0008	1.467356	0.000062	0.282616	-5.6	7.3	1.6
ML120-056	**595.7**	**13**	**-2.88**	24.0	0.282322	0.000065	0.00122	0.000032	0.0474	0.0015	1.467318	0.000073	0.282308	-16.4	-3.6	2.3
ML120-104	**603.4**	**11**	**-1.41**	27.2	0.28267	0.000044	0.000599	0.000072	0.018	0.002	1.467378	0.000071	0.282663	-4.1	9.2	1.6
ML120-095	**642.4**	**9.7**	**3.54**	19.6	0.282429	0.000057	0.001168	0.000026	0.04467	0.00083	1.467293	0.000092	0.282415	-12.6	1.3	2.0
ML120-105	**644.1**	**7.9**	**-5.59**	24.8	0.282355	0.000056	0.000806	0.000059	0.0298	0.0023	1.467348	0.000047	0.282345	-15.2	-1.2	2.0
ML120-015	**644.4**	**13**	**2.95**	23.8	0.282022	0.000059	0.00182	0.00011	0.0722	0.0046	1.467155	0.000046	0.282000	-27.0	-13.4	2.1
ML120-051	**645.6**	**13**	**3.64**	22.2	0.282378	0.000039	0.000888	0.000014	0.02929	0.00049	1.467313	0.000069	0.282367	-14.4	-0.4	1.4
ML120-003	**646.6**	**9.8**	**-4.29**	26.2	0.282585	0.000044	0.00195	0.0002	0.0708	0.0064	1.467054	0.000065	0.282561	-7.1	6.5	1.6
ML120-131	**652.9**	**8.2**	**2.11**	23.5	0.282263	0.000064	0.001831	0.000048	0.0682	0.002	1.467324	0.000092	0.282241	-18.5	-4.7	2.3
ML120-130	**681.2**	**10**	**-7.96**	18.3	0.282423	0.000047	0.000876	0.000026	0.0314	0.001	1.467305	0.000099	0.282412	-12.8	2.0	1.7
ML120-034	**683**	**13**	**-0.59**	28.2	0.28244	0.000042	0.000617	0.000018	0.02152	0.00078	1.467087	0.000059	0.282432	-12.2	2.8	1.5
ML120-024	**772.8**	**12**	**-1.28**	23.9	0.282225	0.000043	0.001226	0.000057	0.0465	0.0022	1.466999	0.000076	0.282207	-19.8	-3.2	1.5
ML120-107	**955**	**50**	**-1.06**	20.0	0.282174	0.000062	0.000563	0.000018	0.02223	0.0006	1.467381	0.000076	0.282164	-21.6	-0.6	2.2
ML120-118	**996**	**50**	**-8.94**	21.8	0.282163	0.000067	0.000483	0.000013	0.01716	0.00042	1.467359	0.000094	0.282154	-22.0	0.0	2.4
ML120-114	**1162**	**40**	**-3.01**	21.8	0.282083	0.000045	0.000956	0.00008	0.037	0.0035	1.46727	0.00009	0.282074	-24.4	0.9	1.6
ML120-065	**1196**	**30**	**3.71**	22.3	0.282153	0.000042	0.0008814	0.0000067	0.03317	0.00024	1.467292	0.000067	0.282133	-22.3	3.8	1.5
ML120-089	**1204**	**38**	**-1.99**	21.7	0.282167	0.000049	0.00108	0.00011	0.0422	0.0048	1.467346	0.000077	0.282142	-21.9	4.3	1.8
ML120-050	**1244**	**32**	**1.78**	23.6	0.282062	0.000069	0.0009228	0.0000086	0.03959	0.00035	1.46737	0.000076	0.282040	-25.6	1.6	2.5
ML120-033	**1249**	**16**	**0.22**	24.4	0.282158	0.000045	0.001574	0.000022	0.06205	0.00088	1.467111	0.000056	0.282121	-22.2	4.6	1.6
ML120-048	**1324**	**29**	**0.43**	21.7	0.282028	0.000058	0.001009	0.000025	0.03873	0.00091	1.467315	0.000069	0.282003	-26.8	2.1	2.1
ML120-035	**1324**	**22**	**-1.38**	21.1	0.282183	0.000063	0.001901	0.000075	0.0737	0.0024	1.46708	0.0001	0.282135	-21.3	6.8	2.3
ML120-013	**1355**	**44**	**-5.17**	23.0	0.281698	0.000051	0.0002783	0.0000074	0.00995	0.00034	1.467126	0.000007	0.281691	-38.4	-8.3	1.8
ML120-019	**1437**	**22**	**-3.13**	20.3	0.281978	0.000036	0.0005573	0.0000069	0.02027	0.00029	1.466886	0.000084	0.281963	-28.5	3.2	1.3
ML120-025	**1450**	**18**	**-0.14**	20.0	0.282217	0.000055	0.000958	0.000033	0.0348	0.0012	1.467019	0.000074	0.282191	-20.1	11.6	2.0
ML120-059	**1461**	**32**	**7.12**	15.9	0.281895	0.00007	0.000845	0.000027	0.0319	0.0013	1.467345	0.000087	0.281872	-31.5	0.6	2.5
ML120-005	**1485**	**28**	**-0.94**	22.1	0.28182	0.000048	0.0004185	0.0000053	0.01585	0.00016	1.467045	0.000058	0.281808	-34.1	-1.1	1.7
ML120-054	**1487**	**32**	**-1.41**	23.2	0.281792	0.00005	0.000515	0.000013	0.01891	0.00051	1.467337	0.000083	0.281778	-35.1	-2.2	1.8
ML120-113	**1489**	**29**	**1.14**	17.7	0.281955	0.000067	0.001998	0.000045	0.0781	0.0017	1.46736	0.000064	0.281899	-29.4	2.2	2.4
ML120-031	**1496**	**25**	**-4.21**	19.7	0.281923	0.000063	0.00065	0.000028	0.0245	0.0012	1.466975	0.000071	0.281905	-30.5	2.5	1.5
ML120-044	**1496**	**88**	**-2.21**	9.2	0.281812	0.000059	0.000753	0.000012	0.02863	0.00047	1.46741	0.00015	0.281791	-34.4	-1.5	2.1
ML120-012	**1497**	**20**	**-3.67**	16.0	0.281778	0.000049	0.0004227	0.0000081	0.01565	0.00019	1.467132	0.000072	0.281766	-35.6	-2.4	1.8
ML120-014	**1510**	**20**	**-0.48**	22.4	0.281507	0.000029	0.0003585	0.0000042	0.01096	0.0002	1.467078	0.000059	0.281497	-45.2	-11.6	1.0
ML120-047	**1513**	**31**	**-0.59**	23.7	0.281789	0.000048	0.000499	0.000025	0.01858	0.00083	1.467337	0.000068	0.281775	-35.2	-1.7	1.7
ML120-098	**1519**	**34**	**-3.49**	13.5	0.281919	0.000056	0.000378	0.000012	0.01226	0.00048	1.46733	0.0001	0.281908	-30.6	3.2	2.0
ML120-028	**1526**	**20**	**5.96**	25.5	0.282149	0.000056	0.000986	0.000012	0.03738	0.00078	1.466933	0.000068	0.282121	-22.5	10.9	2.0
ML120-055	**1545**	**30**	**4.01**	13.1	0.281861	0.000027	0.0003001	0.0000071	0.01131	0.00026	1.467368	0.000096	0.281852	-32.7	1.8	1.0
ML120-010	**1576**	**22**	**3.24**	23.3	0.281941	0.000053	0.00166	0.00015	0.0657	0.0055	1.467111	0.00007	0.281891	-29.8	3.9	1.9
ML120-042	**1585**	**38**	**-6.75**	9.2	0.281893	0.000061	0.00092	0.000056	0.0314	0.0023	1.467255	0.000075	0.281865	-31.5	3.2	2.2
ML120-117	**1757**	**35**	**-2.16**	9.8	0.281614	0.00007	0.000664	0.000017	0.02445	0.00055	1.46733	0.00011	0.281592	-41.4	-2.6	2.5
ML120-022	**1779**	**30**	**-3.15**	10.8	0.281205	0.000063	0.000449	0.000025	0.0177	0.0012	1.466881	0.00009	0.281190	-55.9	-16.3	2.3
ML120-002	**1784**	**31**	**7.06**	6.6	0.28169	0.000063	0.000419	0.000044	0.014	0.0016	1.466979	0.000096	0.281676	-38.7	1.0	2.3
ML120-087	**1792**	**35**	**-6.36**	15.5	0.281314	0.000055	0.0003872	0.000004	0.01454	0.00014	1.46736	0.000069	0.281301	-52.0	-12.1	2.0
ML120-026	**1794**	**18**	**6.18**	17.5	0.281864	0.000048	0.000956	0.000027	0.0375	0.0014	1.467002	0.000098	0.281831	-32.6	6.8	1.7
ML120-090	**1796**	**31**	**-1.84**	15.8	0.281721	0.000047	0.000904	0.000041	0.0312	0.0012	1.467416	0.000074	0.281690	-37.6	1.8	1.7
ML120-106	**1821**	**30**	**-6.81**	20.1	0.281702	0.000058	0.001496	0.000018	0.05637	0.00049	1.467416	0.000049	0.281650	-38.3	1.0	2.1
ML120-092	**1827**	**32**	**-0.11**	17.8	0.281613	0.000051	0.000874	0.000023	0.03269	0.00086	1.467326	0.000065	0.281583	-41.4	-1.3	1.8
ML120-018	**1840**	**16**	**1.52**	22.5	0.281424	0.000046	0.001127	0.000013	0.04305	0.00041	1.467032	0.000074	0.281385	-48.1	-8.0	1.6
ML120-021	**1845**	**34**	**-5.15**	9.6	0.281611	0.000036	0.001017	0.000025	0.03865	0.00093	1.46691	0.00011	0.281575	-41.5	-1.1	1.3
ML120-041	**1877**	**28**	**-1.12**	16.8	0.281563	0.000062	0.00149	0.00019	0.057	0.0071	1.467362	0.000057	0.281510	-43.2	-2.7	2.2
ML120-126	**1924**	**28**	**-2.55**	18.0	0.28159	0.000067	0.0008289	0.0000028	0.03027	0.00012	1.467342	0.000065	0.281560	-42.3	0.1	2.4
ML120-032	**1996.9**	**9.7**	**-0.61**	22.3	0.28127	0.000033	0.000252	0.000013	0.00956	0.00063	1.466997	0.000049	0.281260	-53.6	-8.8	1.2
ML120-072	**2013**	**38**	**0.99**	17.6	0.281107	0.000041	0.000895	0.000041	0.0334	0.0015	1.467265	0.000077	0.281073	-59.3	-15.1	1.5
ML120-123	**2019**	**30**	**3.42**	23.6	0.281525	0.000049	0.000969	0.000029	0.0349	0.001	1.467328	0.000074	0.281511	-43.7	0.6	1.8
ML120-069	**2029**	**27**	**-1.48**	21.6	0.281543	0.000051	0.00072464	9.2E-07	0.027202	0.000099	1.467381	0.000054	0.281515	-43.9	1.0	1.8
ML120-102	**2053**	**27**	**8.09**	22.7	0.281701	0.000056	0.00113	0.00014	0.0419	0.0051	1.467344	0.000076	0.281657	-38.3	6.6	2.0
ML120-132	**2055**	**31**	**2.29**	17.6	0.281631	0.000064	0.000869	0.000043	0.0342	0.0018	1.467307	0.000071	0.281597	-40.8	4.5	2.3
ML120-111	**2112**	**27**	**-0.19**	21.9	0.281548	0.000049	0.0005874	0.0000024	0.02215	0.00012	1.467352	0.000008	0.281524	-43.7	3.2	1.8
ML120-004	**2122**	**18**	**-9.75**	10.0	0.281642	0.00005	0.000839	0.000017	0.02929	0.00059	1.46697	0.00015	0.281608	-40.4	6.4	1.8
ML120-001	**2436.9**	**9.9**	**-0.17**	15.6	0.281221	0.000042	0.0000724	0.000003	0.00368	0.00016	1.46702	0.0001	0.281218	-55.3	-0.1	1.5
ML120-016	**2465**	**17**	**-1.70**	12.3	0.280996	0.000044	0.000513	0.000014	0.01944	0.00058	1.467135	0.000066	0.280972	-63.3	-8.2	1.6
ML120-030	**2583**	**10**	**0.81**	19.1	0.281376	0.000066	0.001458	0.000025	0.0562	0.0011	1.467077	0.000009	0.281304	-49.8	6.4	2.4
ML120-093	**2620**	**26**	**-1.49**	13.1	0.281064	0.00005	0.000824	0.00002	0.03023	0.00081	1.467325	0.000073	0.281023	-60.9	-2.8	1.8
ML120-082	**2674.4**	**24**	**-7.58**	19.8	0.281039	0.000054	0.0003806	0.0000092	0.01438	0.00043	1.467351	0.000078	0.281020	-61.7	-1.6	1.9
ML120-110	**2708**	**31**	**-4.10**	14.9	0.281075	0.000063	0.000378	0.000014	0.01457	0.00049	1.467296	0.000073	0.281055	-60.5	0.5	2.3
ML120-008	**2743**	**11**	**2.95**	12.4	0.281018	0.000041	0.00075	0.00012	0.0324	0.0051	1.46711	0.00011	0.280979	-62.5	-1.5	1.5
ML120-075	**1404**	**37**	**-0.93**	18.9	0.282148	0.000071	0.001173	0.000099	0.0452	0.0042	1.467342	0.000069	0.282117	-22.5	8.0	2.5
ML120-038	**574.5**	**12**	**3.93**	21.1	0.282201	0.000073	0.00157	0.000032	0.0607	0.0014	1.467269	0.000069	0.282184	-20.7	-8.4	2.6
ML120-083	**1233**	**63**	**-8.52**	14.1	0.282127	0.000075	0.000684	0.000017	0.02663	0.00083	1.467277	0.000081	0.282111	-23.3	3.8	2.7
ML120-124	**2091**	**31**	**-3.20**	25.0	0.281636	0.000075	0.00115	0.00011	0.0362	0.0035	1.467343	0.000073	0.281590	-40.6	5.1	2.7
ML120-057	**641.2**	**13**	**-5.98**	14.0	0.282298	0.000075	0.001139	0.000096	0.0424	0.0033	1.467373	0.000074	0.282284	-17.2	-3.4	2.7
ML120-011	**2654**	**13**	**0.26**	10.6	0.28107	0.000076	0.00197	0.00018	0.0815	0.0076	1.467097	0.000099	0.280970	-60.6	-3.9	2.7
ML120-020	**2607**	**13**	**-1.99**	9.5	0.281142	0.000076	0.000938	0.00002	0.0387	0.0011	1.46683	0.00016	0.281095	-58.1	-0.5	2.7
ML120-058	**1989**	**55**	**-3.87**	10.4	0.28149	0.000077	0.000823	0.000015	0.03045	0.00047	1.467404	0.000074	0.281459	-45.8	-2.0	2.8

ML120A Grain	NORMALIZED WITH PLESOVICE										NORMALIZED WITH 91500										APPLIED AGE				LUTETIUM - HAFNIUM ISOTOPIC DATA										
	Final 207Pb/235U	Final 207Pb/235U Prop2SE	Final 206Pb/238U	Final 206Pb/238U Prop2SE	Error Correlation	Final Age 206Pb-238U	Final Age 206Pb-238U Prop2SE	Final Age 207Pb-206Pb	Final Age 207Pb-206Pb Prop2SE	Discordance %	Final 207Pb/235U	Final 207Pb/235U Prop2SE	Final 206Pb/238U	Final 206Pb/238U Prop2SE	Error Correlation	Final Age 206Pb-238U	Final Age 206Pb-238U Prop2SE	Final Age 207Pb-206Pb	Final Age 207Pb-206Pb Prop2SE	Discordance %	Applied age	2σ	Discordance %	duration	corrected $^{176}Hf/^{177}Hf$	2SE	$^{176}Lu/^{177}Hf$	2SE	$^{176}Yb/^{177}Hf$	2SE	$^{178}Hf/^{177}Hf$	2SE	$^{176}Hf/^{177}Hf_i$	EHf_0	EHf_i	2SE
ML120-125	1.155	0.033	0.1316	0.0019	0.36188	797.1	11	727	47	-9.64	1.076	0.025	0.1226	0.0025	0.35722	745.2	14	724	53	-2.93	**797.1**	**11**	**-9.64**	18.7	0.282478	0.000079	0.0001276	0.0000029	0.00427	0.00011	1.467316	0.000074	0.282476	-10.9	6.9	2.8
ML120-040	2.315	0.039	0.2103	0.0045	0.22091	1230	24	1215	35	-1.23	2.189	0.056	0.1965	0.0058	0.22837	1157	31	1204	38	3.90	**1204**	**38**	**3.90**	8.4	0.281957	0.000082	0.0007166	0.0000052	0.0279	0.0003	1.467361	0.000049	0.281941	-29.3	-2.9	2.9
ML120-078	3.594	0.062	0.2793	0.0063	0.61348	1588	32	1486	32	-6.86	3.419	0.088	0.2666	0.0081	0.62299	1523	41	1491	36	-2.15	**1491**	**36**	**-2.15**	11.3	0.28198	0.000085	0.00163	0.00012	0.0646	0.0051	1.467224	0.00009	0.281934	-28.5	3.5	3.0
ML120-112	2.481	0.068	0.2225	0.0035	0.46791	1295	18	1222	40	-5.97	2.297	0.049	0.2055	0.0045	0.45936	1205	24	1228	46	1.87	**1228**	**46**	**1.87**	16.4	0.282185	0.000086	0.000835	0.000013	0.03085	0.00073	1.467397	0.000097	0.282166	-21.2	5.7	3.1
ML120-068	5.224	0.11	0.341	0.0077	0.5367	1891	37	1811	35	-4.42	4.976	0.14	0.3238	0.0099	0.55858	1808	48	1826	38	0.99	**1826**	**38**	**0.99**	19.6	0.281669	0.000088	0.001035	0.000015	0.03684	0.00067	1.467325	0.000089	0.281633	-39.5	0.5	3.1
ML120-127	2.198	0.081	0.2019	0.0043	0.37882	1185	23	1165	64	-1.72	2.054	0.066	0.189	0.0048	0.37814	1116	26	1161	68	3.88	**1161**	**68**	**3.88**	11.8	0.282016	0.000088	0.0007084	0.0000055	0.02599	0.00033	1.467407	0.000097	0.282000	-27.2	-1.7	3.1
ML120-077	3.61	0.065	0.2794	0.0066	0.52605	1588	33	1494	33	-6.29	3.433	0.09	0.2658	0.0083	0.52169	1519	42	1502	37	-1.13	**1502**	**37**	**-1.13**	15.1	0.281966	0.00009	0.001192	0.000052	0.0438	0.0018	1.467344	0.000093	0.281932	-29.0	3.6	3.2
ML120-120	6.848	0.15	0.3809	0.006	0.67697	2080	28	2105	23	1.19	6.349	0.088	0.3524	0.0076	0.66487	1946	36	2108	30	7.69	**2108**	**30**	**7.69**	12.7	0.281601	0.000092	0.00067	0.000098	0.0254	0.0035	1.46736	0.00011	0.281574	-41.9	4.9	3.3
ML120-039	3.184	0.081	0.2681	0.0061	0.21934	1531	31	1364	50	-12.24	3.012	0.096	0.2512	0.0077	0.22099	1444	40	1353	52	-6.73	**1353**	**52**	**-6.73**	9.4	0.281738	0.000097	0.0004578	0.000005	0.0162	0.00036	1.46734	0.00012	0.281726	-37.0	-7.1	3.5
ML120-108	4.79	0.11	0.3202	0.0045	0.50401	1790	22	1776	26	-0.79	4.451	0.065	0.2987	0.0061	0.56066	1685	30	1782	33	5.44	**1782**	**33**	**5.44**	8.7	0.281797	0.000098	0.002576	0.000034	0.0973	0.0017	1.4674	0.000077	0.281710	-34.9	2.2	3.5
ML120-079	2.058	0.039	0.1896	0.0043	0.54223	1119	23	1158	36	3.37	1.957	0.053	0.1809	0.0055	0.54795	1072	30	1161	40	7.67	**1161**	**40**	**7.67**	10.2	0.282061	0.000099	0.001291	0.000063	0.0479	0.0022	1.467222	0.000084	0.282033	-25.6	-0.6	3.5
ML120-103	5.262	0.11	0.3507	0.0044	0.5533	1938	21	1787	22	-8.45	4.927	0.054	0.3267	0.0063	0.50634	1825	32	1793	31	-1.78	**1793**	**31**	**-1.78**	18.3	0.28197	0.00011	0.00425	0.00046	0.172	0.019	1.46728	0.00011	0.281825	-28.8	6.5	3.9
ML120-045	6.56	0.097	0.3819	0.0082	0.54394	2085	38	2017	23	-3.37	6.223	0.15	0.3623	0.011	0.59027	1993	51	2014	27	1.04	**2014**	**27**	**1.04**	17.1	0.28148	0.00011	0.00133	0.000064	0.0494	0.0028	1.46725	0.00011	0.281429	-46.1	-2.4	3.9
ML120-080	5.528	0.1	0.3426	0.0095	0.75441	1899	45	1915	29	0.84	5.24	0.14	0.3232	0.011	0.77716	1805	52	1917	33	5.84	**1917**	**33**	**5.84**	9.1	0.281422	0.00011	0.00051	0.0003	0.019	0.01	1.467346	0.000053	0.281403	-48.2	-5.6	3.9
ML120-046	0.897	0.018	0.1051	0.0024	0.40964	644.2	14	658	39	2.10	0.852	0.024	0.1001	0.003	0.43243	615.2	18	657	43	6.36	**644.2**	**14**	**2.10**	14.3	0.282421	0.00012	0.001485	0.000043	0.0467	0.0016	1.46733	0.00011	0.282403	-12.9	0.9	4.3
ML120-071	6.98	0.17	0.3963	0.011	0.83233	2151	50	2048	29	-5.03	6.66	0.21	0.3785	0.013	0.84195	2068	61	2068	33	0.00	**2068**	**33**	**0.00**	9.6	0.281627	0.00012	0.001567	0.000083	0.0538	0.0026	1.467302	0.000056	0.281565	-40.9	3.7	4.3
ML120-074	7.539	0.11	0.4083	0.0091	0.60156	2207	42	2133	24	-3.47	7.183	0.18	0.3894	0.012	0.62355	2120	54	2147	28	1.26	**2147**	**28**	**1.26**	7.5	0.281584	0.00012	0.00148	0.00012	0.0498	0.0044	1.46738	0.00013	0.281523	-42.5	4.0	4.3
ML120-036	1.792	0.054	0.1782	0.0036	0.32031	1057	20	1015	48	-4.14	1.638	0.051	0.1623	0.0039	0.56007	969	21	1020	48	5.00	**1020**	**48**	**5.00**	9.6	0.28221	0.00013	0.001002	0.000088	0.0415	0.0027	1.46718	0.00034	0.282191	-20.3	1.8	4.6
ML120-116	3.066	0.083	0.257	0.0056	0.71261	1474	29	1354	35	-8.86	2.852	0.062	0.2403	0.0063	0.73565	1388	33	1359	42	-2.13	**1359**	**42**	**-2.13**	12.4	0.28198	0.00014	0.000192	0.000024	0.0087	0.0012	1.46725	0.00012	0.281975	-28.5	1.9	5.0
ML120-129	6.96	0.17	0.3962	0.0073	0.57007	2151	34	2069	27	-3.96	6.5	0.11	0.3673	0.0084	0.55058	2016	40	2065	34	2.37	**2065**	**34**	**2.37**	11.1	0.28158	0.00015	0.00089	0.0001	0.0318	0.0039	1.46733	0.00014	0.281545	-42.6	2.9	5.4
ML120-119	6.71	0.19	0.3929	0.0058	0.20357	2136	27	2020	30	-5.74	6.25	0.13	0.3671	0.0077	0.2449	2016	36	2024	36	0.40	**2024**	**36**	**0.40**	7.5	0.28139	0.00018	0.000621	0.000068	0.0221	0.0025	1.46717	0.00013	0.281366	-49.3	-4.4	6.4
ML120-076	4.221	0.082	0.2903	0.0069	0.79219	1643	34	1736	27	5.36	4.006	0.11	0.2726	0.0085	0.81244	1554	43	1746	31	11.00	**1746**	**31**	**11.00**	9.5	0.281635	0.000086	0.00135	0.00016	0.0547	0.007	1.467287	0.000092	0.281590	-40.7	-2.9	3.1
ML120-027	10.33	0.21	0.4436	0.0083	0.84426	2366	37	2550	13	7.22	9.81	0.17	0.4188	0.0078	0.84793	2255	36	2557	12	11.81	**2557**	**12**	**11.81**	8.9	0.281251	0.00013	0.00124	0.00025	0.051	0.01	1.467015	0.000075	0.281190	-54.2	1.7	4.6
ML120-007	8.86	0.22	0.413	0.008	0.81661	2228	37	2408	21	7.48	8.43	0.19	0.3881	0.0073	0.76957	2114	34	2422	21	12.72	**2422**	**21**	**12.72**	10.7	0.281028	0.000059	0.000399	0.000036	0.0164	0.0019	1.467108	0.000067	0.281010	-62.1	-7.9	2.1
ML120-061	11.15	0.2	0.4482	0.011	0.79412	2387	50	2647	23	9.82	10.63	0.28	0.4285	0.014	0.81238	2299	62	2651	27	13.28	**2651**	**27**	**13.28**	8.0	no value	NAN										
ML120-122	5.53	0.15	0.3248	0.0057	0.6109	1813	28	2004	30	9.53	5.168	0.097	0.3043	0.0069	0.6264	1712	34	2004	36	14.57	**2004**	**36**	**14.57**	9.5	0.28147	0.00011	0.0005173	0.0000064	0.01765	0.00032	1.46724	0.00015	0.281450	-46.5	-1.9	3.9
ML120-043	0.809	0.027	0.0932	0.0023	0.10977	574.1	14	688	74	16.56	0.767	0.03	0.0882	0.0028	0.16208	545	17	681	76	19.97	**574.1**	**14**	**16.56**	13.3	0.282298	0.00012	0.000838	0.00005	0.025	0.0014	1.46748	0.00013	0.282289	-17.2	-4.7	4.3
ML120-062	2.087	0.029	0.1815	0.0038	0.70553	1075.1	21	1280	25	16.01	1.987	0.047	0.1727	0.0052	0.74891	1027	28	1286	29	20.14	**1286**	**29**	**20.14**	15.1	0.282204	0.000073	0.0017071	0.0000085	0.07012	0.00085	1.467367	0.000064	0.282163	-20.5	6.9	2.6
ML120-023	7.924	0.15	0.3757	0.0065	0.61102	2056	31	2392	10	14.05	7.279	0.12	0.3392	0.0056	0.76009	1883	27	2403	10	21.64	**2403**	**10**	**21.64**	8.7	0.28101	0.00016	0.001189	0.00003	0.0438	0.0015	1.46689	0.0002	0.280955	-62.8	-10.2	5.7
ML120-070	2.087	0.052	0.1348	0.0037	0.23423	815	21	1349	57	39.58	2.047	0.065	0.1783	0.006	0.23423	1057	33	1369	59	22.79	**1369**	**59**	**22.79**	23.9	0.282046	0.000083	0.001029	0.000064	0.038	0.0021	1.467344	0.000075	0.282019	-26.1	3.7	3.0
ML120-088	0.964	0.034	0.1047	0.0027	0.3942	642	16	842	66	23.75	0.921	0.028	0.0991	0.0029	0.36424	609	17	846	70	28.01	**846**	**70**	**28.01**	21.4	0.282171	0.000067	0.00069	0.000027	0.02378	0.00092	1.467355	0.000075	0.282160	-21.7	-3.2	2.4
ML120-009	0.964	0.021	0.10469	0.0017	0.42346	641.8	10	839	27	23.50	0.906	0.016	0.09691	0.0016	0.30105	596.2	9.4	856	27	30.35	**856**	**27**	**30.35**	26.1	0.282329	0.000053	0.00207	0.0003	0.079	0.011	1.467106	0.000081	0.282296	-16.1	1.8	1.9
ML120-101	1.561	0.037	0.1493	0.0025	0.59477	897	14	1005	32	10.75	1.061	0.017	0.1127	0.0025	0.59465	688.6	14	1011	40	31.89	**1011**	**40**	**31.89**	9.4	0.282019	0.00005	0.0002846	0.0000078	0.00849	0.00013	1.46717	0.00016	0.282014	-27.1	-4.6	1.8
ML120-094	0.877	0.042	0.096	0.0026	0.14041	591	15	811	100	27.13	0.831	0.037	0.0897	0.0027	0.14518	554	16	817	100	32.19	**817**	**100**	**32.19**	8.5	0.282721	0.000075	0.00237	0.00025	0.095	0.009	1.467455	0.000092	0.282685	-2.3	14.7	2.7
ML120-067	0.882	0.03	0.0934	0.0034	0.32564	575	20	881	81	34.73	0.841	0.033	0.0888	0.0035	0.29733	548	21	897	82	38.91	**897**	**82**	**38.91**	11.0	0.282502	0.000051	0.000416	0.000054	0.016	0.0027	1.467373	0.000092	0.282495	-10.0	9.8	1.8
ML120-128	6.69	0.18	0.286	0.0062	0.94509	1621	31	2558	18	36.63	6.25	0.13	0.2671	0.007	0.93911	1525	35	2554	26	40.29	**2554**	**26**	**40.29**	16.9	0.280883	0.000062	0.000756	0.000088	0.0328	0.0031	1.467345	0.000047	0.280846	-67.3	-10.6	2.2
ML120-066	5.45	0.11	0.2607	0.0058	0.74086	1493	30	2364	26	36.84	5.183	0.14	0.2457	0.0075	0.78279	1416	39	2375	30	40.38	**2375**	**30**	**40.38**	11.0	0.281335	0.000062	0.0003387	0.0000045	0.01142	0.00024	1.467374	0.000071	0.281320	-51.3	2.1	2.2
ML120-073	7.21	0.12	0.2834	0.0069	0.78448	1608	35	2680	25	40.00	6.861	0.18	0.27	0.0086	0.78158	1540	44	2695	28	42.86	**2695**	**28**	**42.86**	13.8	0.281004	0.000071	0.001003	0.00003	0.0413	0.0019	1.467317	0.000082	0.280952	-63.0	-3.5	2.5
ML120-099	19.64	0.43	0.4298	0.0061	0.87767	2304	28	3559	17	35.26	13.39	0.17	0.3251	0.0065	0.87766	1814	32	3564	24	49.10	**3564**	**24**	**49.10**	8.1	0.2807	0.00023	0.00266	0.00079	0.101	0.03	1.46749	0.00012	0.280517	-73.7	1.6	8.2
ML120-084	1.237	0.03	0.1076	0.0029	0.69023	659	17	1288	40	48.84	1.17	0.037	0.101	0.0034	0.68366	620	20	1289	43	51.90	**1289**	**43**	**51.90**	8.8	0.282281	0.000085	0.000892	0.000018	0.02969	0.00059	1.46739	0.0001	0.282259	-17.8	10.4	3.0
ML120-037	1.697	0.056	0.1288	0.0037	0.45797	781	21	1563	58	50.03	1.605	0.061	0.1207	0.0042	0.46939	735	24	1551	61	52.61	**1551**	**61**	**52.61**	9.4	0.282471	0.00007	0.000597	0.000019	0.02107	0.0005	1.467256	0.000045	0.282453	-11.1	23.3	2.5
ML120-029	1.754	0.047	0.113	0.0029	0.45525	690	17	1844	43	62.58	1.669	0.041	0.1067	0.0028	0.38378	653	16	1851	43	64.72	**1851**	**43**	**64.72**	8.8	0.282334	0.000087	0.00134	0.00012	0.0576	0.0043	1.4669	0.00012	0.282287	-15.9	24.3	3.1
ML120-121	3.65	0.14	0.1448	0.0043	0.96631	872	24	2679	22	67.45	3.41	0.12	0.1353	0.0044	0.96874	818	25	2679	29	69.47	**2679**	**29**	**69.47**	9.1	0.28086	0.00017	0.00276	0.0003	0.122	0.011	1.467348	0.000098	0.280718	-68.1	-12.2	6.1
ML120-063	1.515	0.045	0.0929	0.0022	0.7522	572.8	13	1924	48	70.23	1.447	0.05	0.0894	0.0027	0.6338	552	16	1931	50	71.41	**1931**	**50**	**71.41**	9.7	0.28233	0.00018	0.002255	0.000071	0.0948	0.0056	1.46729	0.00021	0.282247	-16.1	24.7	6.4
ML120-017	1.97	0.19	0.1053	0.003	0.75009	645	18	2140	130	69.86	1.86	0.18	0.0982	0.0029	0.76072	604	17	2150	130	71.91	**2150**	**130**	**71.91**	7.4	0.281643	0.000059	0.000561	0.000055	0.0169	0.0016	1.467183	0.00005	0.281620	-40.4	7.5	2.1
ML120-081	0.939	0.045	0.0484	0.0024	0.92344	305	15	2244	39	86.41	0.889	0.045	0.0455	0.0024	0.93026	287	15	2245	41	87.22	**2245**	**41**	**87.22**	6.1	0.28087	0.00037	0.0083	0.0011	0.445	0.064	1.467334	0.000073	0.280515	-67.7	-29.6	13.2
ML120-064	2.314	0.095	0.0555	0.002	0.95571	348	12	3454	23	89.92	2.202	0.1	0.0528	0.0023	0.96606	331	14	3462	26	90.44	**3462**	**26**	**90.44**	10.6	0.28171	0.00043	0.00641	0.00031	0.299	0.01	1.46751	0.00018	0.281282	-38.0	26.4	15.4
ML120-100	no value																							31.2	no value	NAN										

DISCORDANT

eHF error > 3.0

Table of analytical results for sample SL097A

	SL097A	NORMALIZED WITH PLESOVICE										NORMALIZED WITH 91500										APPLIED AGE				LUTETIUM - HAFNIUM ISOTOPIC DATA											
	Grain	Final 207Pb/235U	Final 207Pb/235U Prop2SE	Final 206Pb/238U	Final 206Pb/238U Prop2SE	Error Correlation	Final Age 206Pb-238U	Final Age 206Pb-238U Prop2SE	Final Age 207Pb-206Pb	Final Age 207Pb-206Pb Prop2SE	Discordance %	Final 207Pb/235U	Final 207Pb/235U Prop2SE	Final 206Pb/238U	Final 206Pb/238U Prop2SE	Error Correlation	Final Age 206Pb-238U	Final Age 206Pb-238U Prop2SE	Final Age 207Pb-206Pb	Final Age 207Pb-206Pb Prop2SE	Discordance %	selected age	2σ	Discordance %	Duration	corrected $^{176}Hf/^{177}Hf$	2SE	$^{176}Lu/^{177}Hf$	2SE	$^{176}Yb/^{177}Hf$	2SE	$^{178}Hf/^{177}Hf$	2SE	$^{176}Hf/^{177}Hf_i$	EHf_0	EHf_i	2SE
DISCORDANT	SL097-162	0.458	0.015	0.3441	0.009	0.70202	1906	43	553	54	-244.67	0.418	0.014	0.03181	0.0009	0.70198	201.9	5.6	552	45	63.42	1906.0	43	-244.67	11.064	0.28255	0.00013	0.00283	0.00085	0.113000	0.033000	1.466944	0.000081	0.282447	-8.3	31.2	4.6
	SL097-128	0.457	0.014	0.3434	0.0098	0.64743	1902	47	571	60	-233.10	0.421	0.014	0.03194	0.00097	0.64737	202.7	6.1	578	52	64.93	1902.0	47	-233.10	7.8872	0.282313	0.000092	0.00181	0.00018	0.075500	0.007100	1.466730	0.000140	0.282248	-16.7	24.0	3.3
	SL097-178	0.896	0.028	0.111	0.0021	0.19972	678.7	12	519	59	-30.77	0.837	0.025	0.1042	0.0019	0.21652	639.2	11	534	59	-19.70	678.7	12	-30.77	13.189	0.28255	0.00011	0.001314	0.000076	0.049900	0.003300	1.467006	0.000080	0.282533	-8.3	6.3	3.9
	SL097-173	0.732	0.024	0.0935	0.0019	0.13375	576.3	11	455	67	-26.66	0.685	0.021	0.0877	0.0018	0.16376	541.7	11	468	67	-15.75	576.3	11	-26.66	17.668	0.282331	0.000093	0.001458	0.000022	0.050600	0.001200	1.467042	0.000094	0.282315	-16.1	-3.8	3.3
	SL097-024	0.713	0.027	0.0911	0.0026	0.31659	562	15	467	78	-20.34	0.683	0.03	0.087	0.0023	0.28411	537.5	13	487	72	-10.37	562.0	15	-20.34	22.588	0.282556	0.000049	0.001185	0.000015	0.039750	0.000950	1.467295	0.000087	0.282544	-8.1	4.0	1.8
	SL097-095	0.755	0.03	0.0951	0.003	0.352	585	18	490	62	-19.39	0.72	0.026	0.0908	0.0022	0.32187	560	13	500	66	-12.00	585.0	18	-19.39	13.329	0.282427	0.000063	0.001	0.00016	0.040700	0.007200	1.467240	0.000070	0.282416	-12.7	0.0	2.3
	SL097-047	0.811	0.021	0.1008	0.0026	0.5605	619.1	15	528	52	-17.25	0.778	0.026	0.0965	0.0022	0.42567	593.7	13	548	42	-8.34	619.1	15	-17.25	23.751	0.282423	0.000052	0.001085	0.000039	0.039200	0.002100	1.467362	0.000098	0.282410	-12.8	0.6	1.9
	SL097-115	0.818	0.028	0.1018	0.003	0.39958	625	18	537	51	-16.39	0.778	0.023	0.0969	0.0022	0.37526	596	13	435	57	-37.01	625.0	18	-16.39	16.487	0.282283	0.000065	0.00122	0.00011	0.049500	0.005100	1.467286	0.000073	0.282269	-17.8	-4.3	2.3
	SL097-157	0.992	0.03	0.1187	0.0023	0.28892	723.1	13	627	68	-15.33	0.932	0.03	0.1104	0.0025	0.28431	674.9	14	634	60	-6.45	723.1	13	-15.33	16.176	0.282445	0.000094	0.000786	0.000028	0.025360	0.000880	1.466960	0.000140	0.282434	-12.0	3.8	3.4
	SL097-139	0.874	0.025	0.1062	0.0021	0.05338	650.4	12	572	67	-13.71	0.822	0.025	0.1001	0.0022	1	615.2	13	542	61	-13.51	650.4	12	-13.71	14.869	0.282658	0.000083	0.00232	0.00016	0.090000	0.005800	1.466890	0.000110	0.282630	-4.5	9.0	3.0
	SL097-170	1.01	0.031	0.1192	0.0027	0.66117	726	15	645	42	-12.56	0.949	0.026	0.1122	0.0024	0.63045	685	14	657	42	-4.26	726.0	15	-12.56	11.442	0.282316	0.000085	0.001221	0.000077	0.045000	0.003000	1.467100	0.000120	0.282299	-16.6	-1.0	3.0
	SL097-082	1.055	0.036	0.1232	0.0033	1	748.7	19	666	62	-12.42	1.006	0.031	0.118	0.0023	1	718.8	13	604	66	-19.01	748.7	19	-12.42	18.546	0.282532	0.000063	0.001149	0.000046	0.042500	0.001900	1.467320	0.000110	0.282516	-8.9	7.2	2.3
	SL097-122	0.707	0.033	0.0888	0.0024	0.17273	548	14	490	110	-11.84	0.671	0.032	0.0838	0.0024	0.099989	518	14	500	100	-3.60	548.0	14	-11.84	9.3724	0.282376	0.00012	0.00106	0.000089	0.041800	0.003200	1.467140	0.000120	0.282365	-14.5	-2.6	4.3
	SL097-151	0.884	0.028	0.1073	0.0023	0.40877	656.7	13	590	61	-11.31	0.833	0.028	0.1008	0.0023	0.37177	619	13	589	53	-5.09	656.7	13	-11.31	23.581	0.282582	0.000068	0.00209	0.00013	0.082800	0.004900	1.467087	0.000087	0.282556	-7.2	6.6	2.4
	SL097-065	1.069	0.035	0.1243	0.0035	0.51512	755	20	685	45	-10.22	1.018	0.029	0.1191	0.0026	0.5221	725	15	711	50	-1.97	755.0	20	-10.22	8.8574	0.282121	0.000069	0.00117	0.00011	0.044800	0.004600	1.467217	0.000081	0.282104	-23.5	-7.2	2.5
Plotted data sorted by age	SL097-125	0.641	0.022	0.0814	0.0018	0.11314	504.5	11	463	78	-8.96	0.606	0.021	0.0772	0.0018	0.11886	479.4	11	475	72	-0.93	504.5	11	-8.96	26.083	0.282359	0.000066	0.00155	0.00017	0.056200	0.005900	1.467084	0.000077	0.282344	-15.1	-4.3	2.4
	SL097-131	0.679	0.021	0.0853	0.0018	0.57433	529.2	11	493	59	-7.34	0.643	0.021	0.0809	0.0018	0.45752	501.3	11	492	50	-1.89	529.2	11	-7.34	19.867	0.282444	0.000068	0.001565	0.000055	0.062100	0.002200	1.466842	0.000083	0.282428	-12.1	-0.8	2.4
	SL097-085	0.717	0.028	0.0863	0.0025	0.21152	533.7	15	591	66	9.70	0.676	0.024	0.0826	0.0018	0.29963	511.8	11	595	70	13.98	533.7	15	9.70	16.955	0.282559	0.00004	0.000844	0.000037	0.026540	0.000980	1.467333	0.000077	0.282551	-8.0	3.6	1.4
	SL097-066	0.684	0.03	0.0864	0.0025	0.29159	534.1	15	496	79	-7.68	0.653	0.026	0.0831	0.0018	0.32617	514.3	11	518	82	0.71	534.1	15	-7.68	9.5285	0.282533	0.000068	0.0013	0.00019	0.045700	0.006200	1.467190	0.000180	0.282520	-8.9	2.5	2.4
	SL097-164	0.706	0.022	0.0861	0.0025	0.68782	535	14	558	53	4.12	0.665	0.022	0.0827	0.002	0.63174	512.1	12	554	44	7.56	535.0	14	4.12	11.394	0.282513	0.000056	0.001208	0.000041	0.039700	0.001000	1.466905	0.000076	0.282501	-9.6	1.9	2.0
	SL097-123	0.708	0.019	0.0877	0.0017	0.23791	541.6	10	544	58	0.44	0.674	0.019	0.08315	0.0017	0.017337	514.9	10	558	50	7.72	541.6	10	0.44	10.544	0.282318	0.000056	0.000744	0.000022	0.026300	0.001000	1.467081	0.000064	0.282310	-16.5	-4.7	2.0
	SL097-002	0.738	0.019	0.0892	0.0024	0.32161	550.6	14	591	61	6.84	0.706	0.025	0.0853	0.0023	0.36738	527.7	14	611	52	13.63	550.6	14	6.84	19.156	0.282568	0.000053	0.001109	0.000056	0.037900	0.002300	1.466984	0.000089	0.282557	-7.7	4.2	1.9
	SL097-094	0.723	0.03	0.0893	0.0026	0.011154	551.5	16	534	82	-3.28	0.686	0.027	0.0853	0.0019	0.029051	527.8	11	548	85	3.69	551.5	16	-3.28	19.622	0.28249	0.000032	0.000814	0.000073	0.027600	0.002600	1.467341	0.000059	0.282482	-10.4	1.6	1.1
	SL097-068	0.734	0.023	0.08955	0.0023	0.18065	552.9	14	588	47	5.97	0.698	0.018	0.08589	0.0015	0.20201	531.1	9.1	600	53	11.48	552.9	14	5.97	16.81	0.282351	0.000043	0.001131	0.000052	0.038700	0.001600	1.467284	0.000076	0.282339	-15.3	-3.4	1.5
	SL097-021	0.7243	0.013	0.08959	0.0021	0.51432	553.1	13	546	43	-1.30	0.693	0.02	0.08549	0.0019	0.40359	528.8	11	566	31	6.57	553.1	13	-1.30	18.15	0.282423	0.000071	0.00252	0.00018	0.103100	0.007400	1.467320	0.000072	0.282397	-12.8	-1.4	2.5
	SL097-111	0.718	0.022	0.09004	0.0023	0.24623	555.7	14	520	44	-6.87	0.685	0.018	0.08578	0.0015	0.2478	530.5	8.9	453	51	-17.11	555.7	14	-6.87	23.287	0.282555	0.000038	0.001728	0.000038	0.060700	0.001700	1.467256	0.000088	0.282537	-8.1	3.6	1.4
	SL097-091	0.746	0.022	0.09	0.0024	0.24852	555.7	14	606	43	8.30	0.706	0.018	0.086	0.0016	0.23556	532	9.8	626	48	15.02	555.7	14	8.30	13.222	0.282703	0.000067	0.001439	0.000059	0.048800	0.002400	1.467379	0.000091	0.282688	-2.9	9.0	2.4
	SL097-166	0.741	0.026	0.0909	0.0025	0.30678	560	15	543	73	-3.13	0.697	0.025	0.0864	0.0021	0.18991	534.3	13	537	66	0.50	560.0	15	-3.13	13.225	0.282554	0.000062	0.00116	0.000034	0.048000	0.001600	1.466871	0.000060	0.282542	-8.2	3.9	2.2
	SL097-017	0.757	0.019	0.0916	0.0022	0.33232	565.2	13	585	57	3.38	0.722	0.024	0.08774	0.002	0.16323	542.1	12	605	47	10.40	565.2	13	3.38	19.533	0.28244	0.000057	0.001405	0.00004	0.055900	0.001400	1.467328	0.000092	0.282425	-12.2	-0.1	2.0
	SL097-039	0.7442	0.015	0.09212	0.0022	0.64986	568	13	547	41	-3.84	0.7137	0.021	0.08813	0.0019	0.55557	544.4	11	567	28	3.99	568.0	13	-3.84	19.718	0.28227	0.00005	0.001556	0.000066	0.064000	0.003400	1.467292	0.000084	0.282253	-18.2	-6.1	1.8
	SL097-072	0.745	0.027	0.0922	0.0025	0.19834	568.6	14	531	61	-7.08	0.707	0.023	0.0885	0.0017	0.20344	546.8	9.8	522	66	-4.75	568.6	14	-7.08	25.494	0.282467	0.000059	0.000704	0.000018	0.026950	0.000790	1.467288	0.000046	0.282459	-11.2	1.2	2.1
	SL097-016	0.76	0.026	0.0927	0.0024	0.052265	571.7	14	556	80	-2.82	0.723	0.029	0.0885	0.0021	0.080063	546.5	12	576	73	5.12	571.7	14	-2.82	22.739	0.282499	0.000058	0.000755	0.000059	0.026500	0.001700	1.467216	0.000062	0.282491	-10.1	2.4	2.1
	SL097-172	0.767	0.021	0.0931	0.0017	0.014065	574	10	569	49	-0.88	0.716	0.018	0.0868	0.0016	0.083049	536.5	9.6	582	49	7.82	574.0	10	-0.88	10.122	0.282575	0.000058	0.001712	0.000071	0.066200	0.002100	1.467040	0.000110	0.282557	-7.4	4.7	2.1
	SL097-149	0.754	0.029	0.0938	0.0024	0.3525	578	14	526	85	-9.89	0.709	0.028	0.0878	0.0023	0.29152	542.4	14	521	79	-4.11	578.0	14	-9.89	14.101	0.28251	0.00007	0.000709	0.000035	0.026400	0.001400	1.466980	0.000120	0.282502	-9.7	2.9	2.5
	SL097-180	0.806	0.024	0.0971	0.0018	0.49772	597.1	11	593	46	-0.69	0.744	0.022	0.0895	0.0017	0.63975	552.6	10	607	45	8.96	597.1	11	-0.69	12.03	0.282528	0.000066	0.00125	0.00011	0.050300	0.003700	1.467003	0.000076	0.282514	-9.1	3.7	2.4
	SL097-025	0.822	0.03	0.0995	0.0026	0.28505	611.4	15	566	77	-8.02	0.785	0.034	0.0948	0.0023	0.2577	583.7	13	586	71	0.39	611.4	15	-8.02	20.245	0.282549	0.000066	0.00083	0.00015	0.028800	0.006200	1.467208	0.000063	0.282539	-8.3	5.0	2.4
	SL097-029	0.848	0.028	0.0996	0.003	0.43798	612	18	637	77	3.92	0.843	0.033	0.0982	0.0029	0.17227	604	17	656	70	7.93	612.0	18	3.92	8.2636	0.282195	0.00005	0.000575	0.000066	0.023300	0.003500	1.467330	0.000130	0.282188	-20.9	-7.5	1.8
	SL097-165	0.858	0.026	0.1019	0.0027	0.77384	625	16	627	45	0.32	0.808	0.025	0.0971	0.0024	0.70552	597	14	622	34	4.02	625.0	16	0.32	14.136	0.282479	0.000064	0.000893	0.000033	0.034000	0.001000	1.466990	0.000098	0.282469	-10.8	2.8	2.3
	SL097-022	0.872	0.019	0.1032	0.0025	0.31153	633.3	15	642	52	1.36	0.836	0.026	0.09891	0.0022	0.17071	608	13	662	42	8.16	633.3	15	1.36	19.435	0.2825	0.000058	0.001145	0.000027	0.042500	0.001300	1.467265	0.000099	0.282486	-10.1	3.6	2.1
	SL097-048	0.912	0.032	0.1072	0.0032	0.49633	656	19	641	69	-2.34	0.874	0.033	0.1033	0.0026	0.25761	633.7	15	661	62	4.13	656.0	19	-2.34	13.937	0.282396	0.000057	0.00049	0.000018	0.016200	0.001100	1.467278	0.000088	0.282390	-13.8	0.7	2.0
	SL097-171	0.969	0.035	0.1098	0.0026	0.28745	671	15	724	68	7.32	0.91	0.031	0.1033	0.0025	0.33731	633	15	736	68	13.99	671.0	15	7.32	13.367	0.282439	0.000056	0.000792	0.000071	0.029900	0.002400	1.466955	0.000062	0.282429	-12.2	2.4	2.0
	SL097-174	0.969	0.025	0.11203	0.0018	0.28531	684.5	11	684	42	-0.07	0.906	0.021	0.10514	0.0018	0.30573	644.5	10	697	42	7.53	684.5	11	-0.07	10.262	0.282305	0.00007	0.001563	0.000087	0.055200	0.002900	1.466960	0.000100	0.282285	-17.0	-2.4	2.5
	SL097-032	0.988	0.025	0.1154	0.0034	0.78095	704	19	667	46	-5.55	0.944	0.032	0.1103	0.0029	0.75689	674	17	687	34	1.89	704.0	19	-5.55	17.381	0.282108	0.000066	0.000947	0.000074	0.037600	0.003800	1.467253	0.000059	0.282095	-23.9	-8.7	2.4
	SL097-155	0.992	0.031	0.1158	0.003	0.4588	706	17	676	64	-4.44	0.928	0.03	0.1073	0.0029	0.42397	657	17	681	55	3.52	706.0	17	-4.44	18.85	0.282258	0.000056	0.00119	0.0001	0.043700	0.003800	1.467000	0.000100	0.282242	-18.6	-3.4	2.0
	SL097-124	0.991	0.038	0.1161	0.0033	0.16843	708	19	650	91	-8.92	0.943	0.038	0.111	0.0031	0.13621	678	18	663	86	-2.26	708.0	19	-8.92	12.934	0.282424	0.000059	0.001138	0.000013	0.045660	0.000700	1.467096	0.000070	0.282409	-12.8	2.5	2.1
	SL097-055	1.005	0.033	0.1182	0.003	0.14866	719.9	17	656	70	-9.74	0.959	0.039	0.1127	0.0027	0.20529	688.1	16	675	63	-1.94	719.9	17	-9.74	18.891	0.282421	0.000059	0.000417	0.000046	0.013600	0.001600	1.467264	0.000078	0.282415	-12.9	3.0	2.1
	SL097-105	2.467	0.073	0.223	0.0064	0.72767	1297	34	1202	25	-7.90	2.334	0.062	0.2125	0.0045	0.75684	1242	24	1205	32	-3.07	1205.0	32	-3.07	14.676	0.28207	0.000066	0.000588	0.000031	0.024100	0.001600	1.467353	0.000077	0.282057	-25.3	1.3	2.4
	SL097-177	2.808	0.071	0.2431	0.0044	0.42393	1403	23	1271	34	-10.39	2.593	0.054	0.2248	0.0042	0.37745	1307	22	1284	34	-1.79	1284.0	34	-1.79	9.4099	0.282084	0.000053	0.001183	0.000025	0.049100	0.001000	1.466975	0.000083	0.282055	-24.8	3.0	1.9
	SL097-154	3.901	0.087	0.2951	0.0057	0.5028	1667	28	1549	40	-7.62	3.666	0.093	0.2735	0.0062	0.55091	1558	31	1552	30	-0.39	1552.0	30	-0.39	15.215	0.28185	0.000061	0.000762	0.000019	0.029340	0.000890	1.467090	0.000070	0.281828	-33.1	1.1	2.2
	SL097-038	4.686	0.086	0.3335	0.0078	0.53871	1855	38	1658	35	-11.88	4.441	0.13	0.315	0.0068	0.51031	1765	33	1674	24	-5.44	1674.0	24	-5.44	11.182	0.281742	0.000068	0.002022	0.00005	0.076500	0.002300	1.467333	0.000076	0.281678	-36.9	-1.4	2.4
	SL097-004	4.358	0.084	0.298	0.0073	0.89327	1681	36	1724.2	32	2.51	4.202	0.12	0.2859	0.0066	0.87788	1621	33	1740.9	19	6.89	1740.9	19	6.89	25.461	0.281813	0.00004	0.000969	0.00007	0.037200	0.002500	1.467178	0.000067	0.281781	-34.4	3.8	1.4
	SL097-103	5.594	0.15	0.3628	0.0094	0.4602	1995	45	1825	19	-9.32	5.338	0.11	0.3461	0.0061	0.46641	1916	29	1818	27	-5.39	1818.0	27	-5.39	11.891	0.280921	0.000052	0.000411	0.000017	0.015390	0.000770	1.467347	0.000072	0.280907	-65.9	-25.5	1.9
	SL097-089	5.635	0.15	0.3617	0.0092	0.73479	1994	47	1842	12	-8.25	5.37	0.11	0.3458	0.0057	0.71118	1914	27	1858	22	-3.01	1858.0	22	-3.01	13.825	0.2816	0.000041	0.0001877	0.0000016	0.008460	0.000130	1.467300	0.000065	0.281593	-41.9	-0.2	1.5
	SL097-008	5.66	0.19	0.36	0.013	0.9264	1982	61	1850	36	-7.14	5.49	0.19	0.3487	0.01	0.82247	1927	49	1867	26	-3.21	1867.0	26	-3.21	12.209	0.281527	0.000033	0.000262	0.000038	0.008400	0.001200	1.467164	0.000062	0.281518	-44.5	-2.7	1.2
	SL097-067	6.48	0.17	0.3865	0.01	0.63301	2106	47	1979	17	-6.42	6.146	0.13	0.371	0.0066	0.69555	2034	31	1994	25	-2.01	1994.0	25	-2.01	15.995	0.281604	0.000069	0.000889	0.000022	0.034040	0.000640	1.467314	0.000077	0.281570	-41.8	2.1	2.5
	SL097-015	5.79	0.16	0.34	0.011	0.94061	1886	53	1988	34	5.13	5.746	0.18	0.3361	0.01	0.84239	1867	49	2004	23	6.84	2004.0	23	6.84	7.4852	0.28145	0.000055	0.00191	0.00015	0.077400	0.009200	1.467340	0.000081	0.281377	-47.2	-4.5	2.0
	SL097-163	7.96	0.15	0.4423	0.0086	0.56189	2361	38	2091	32	-12.91	7.462	0.17	0.4131	0.0088	0.44336	2229	40	2089	21	-6.70	2089.0	21	-6.70	11.706	0.281433	0.000066	0.000218	0.000012	0.008510	0.000480	1.466740	0.000110	0.281424	-47.8	-0.9	2.4
	SL097-045	10.92	0.22	0.4851	0.013	0.61338	2549	55	2476	34	-2.95	10.54	0.32	0.4673	0.011	0.50429	2471	49	2491	24	0.80	2491.0	24	0.80	15.444	0.281082	0.000051	0.0003484	0.0000077	0.014260	0.000180	1.467384	0.000068	0.281065	-60.2	-4.3	1.8
	SL097-119	13.19	0.37	0.5305	0.015	0.91457	2743	62	2658	12	-3.20	12.5	0.29	0.5047	0.01	0.89388	2633	44	2579	21	-2.09	2579.0	21	-2.09	14.843	0.281111	0.00005	0.000649	0.0000087	0.024480	0.000350	1.467390	0.000110	0.281079	-59.2	-1.7	1.8
	SL097-086	13.61	0.36	0.54	0.014	0.83657	2783	57	2678.1	8.5	-3.92	12.96	0.27	0.5159	0.0086	0.825	2681	37	2685.5	20	0.17	2685.5	20	0.17	18.952	0.281076	0.000047	0.000521	0.000016	0.020220	0.000650	1.467299	0.000081	0.281049	-60.4	-0.3	1.7
2.5 > εHF error > 3.0	SL097-132	0.714	0.018	0.08909	0.0017	0.47421	550.1	9.8	520	50	-5.79	0.676	0.019	0.08407	0.0018	0.4514	520.3	11	516	40	-0.83	550.1	9.8	-5.79	23.775	0.28252	0.000072	0.001918	0.000069	0.070600	0.002500	1.466855	0.000067	0.282500	-9.4	2.2	2.6
	SL097-168	0.757	0.017	0.0913	0.0022	0.75909	563	13	603	44	6.63	0.711	0.017	0.0862	0.002	0.68652	533	12	596	33	10.57	563.0	13	6.63	16.238	0.282632	0.000072	0.002033	0.000055	0.073000	0.003800	1.467008	0.000099	0.282611	-5.4	6.4	2.6
	SL097-112	0.797	0.028	0.0973	0.0027	0.24279	598.7	16	577	56	-3.76	0.761	0.024	0.0926	0.0018	0.24623	571	11	501	61	-13.97	598.7	16	-3.76	15.405	0.282429	0.000073	0.001462	0.000061	0.057500	0.003000	1.467290	0.000062	0.282413	-12.6	0.2	2.6
	SL097-144	0.809	0.021	0.0964	0.0026	0.84823	593	15	623	40	4.82	0.763	0.021	0.0918	0.0022	0.74605	566.1	13	596	27	5.02	593.0	15	4.82	12.619	0.282504	0.000074	0.001038	0.000037	0.045200	0.001700	1.467061	0.000064	0.282492	-9.9	2.9	2.6
	SL097-137	0.793	0.018	0.0965	0.0018	0.15525	593.8	11	575	57	-3.27	0.746	0.019	0.0909	0.002	0.16544	561	12	546	47	-2.75	593.8	11	-3.27	18.351	0.282642	0.000074	0.001528	0.000033	0.055300	0.001700	1.466848	0.000087	0.282625	-5.1	7.6	2.6
	SL097-071	6.666	0.18	0.3969	0.01	0.71952	2154	48	1983	16	-8.62	6.34	0.13	0.3804	0.0068	0.69778	2078	32	1980	25	-4.95	1980.0	25	-4.95	17.972	0.28171	0.000074	0.000827	0.000048	0.031100	0.001900	1.467260	0.000100	0.281679	-38.0	5.7	2.6
	SL097-027	0.759	0.027	0.0906	0.0025	0.24877	558.8	15	606	78	7.79	0.732	0.029	0.0879	0.0022	0.0964	542.8	13	626	72	13.29	558.8	15	7.79	12.341	0.282485	0.000075	0.001248	0.000084	0.043400	0.002200	1.467351	0.000081	0.282472	-10.6	1.4	2.7
	SL097-028	0.878	0.023	0.1041	0.0025	0.51768	638.6	15	632	53	-1.04	0.837	0.028	0.0993	0.0022	0.31865	610.3	13	651	43	6.25	638.6	15	-1.04	13.601	0.28245	0.000075	0.0012	0.000073	0.045700	0.002500	1.467310	0.000120	0.282436	-11.8	1.9	2.7
	SL097-064	0.672	0.024	0.084	0.0023	1	520.1	14	518	63	-0.41	0.635	0.02	0.0806	0.0015	0.0047662	499.9	9.2	548	67	8.78	520.1	14	-0.41	14.013	0.282376	0.000075	0.001341	0.000036	0.048600	0.001000	1.467363	0.000065	0.282363	-14.5	-3.3	2.7
	SL097-150	0.796	0.022	0.0981	0.0022	0.27081	603.2	13	549	61	-9.87	0.749	0.022	0.0915	0.0023	0.28898	564.3	14	546	53	-3.35	603.2	13	-9.87	17.249	0.282556	0.000076	0.000885	0.000079	0.033600	0.002800	1.467090	0.000110	0.282546	-8.1	5.0	2.7
	SL097-097	7.13	0.2	0.4096	0.01	0.2105	2213	48	2046	26	-8.16	6.79	0.16	0.3906	0.0065	0.22509	2125	30	2017	32	-5.35	2017.0	32	-5.35	9.3794	0.281547	0.000076	0.00026	0.000019	0.012910	0.000830	1.467369	0.000090	0.281537	-43.8	1.5	2.7
	SL097-107	0.9	0.034	0.1052	0.0033	0.09406	645	19	656	73	1.68	0.844	0.029	0.1008	0.0024	0.19469	619	14	666	76	7.06	645.0	19	1.68	10.556	0.282515	0.000077	0.000922	0.000055	0.036500	0.001600	1.467368	0.000079	0.282504	-9.5	4.5	2.8
	SL097-020	7.62	0.2	0.4202	0.013	0.82977	2260	60	2105	38	-7.36	7.41	0.23	0.4078	0.011	0.61217	2204	49	2121	29	-3.91	2121.0	29	-3.91	11.357	0.281425	0.000079	0.000585	0.000014	0.022400	0.001000	1.467215	0.000092	0.281401	-48.1	-0.9	2.8
	SL097-069	2.753	0.076	0.2264	0.0066	0.41209	1316	35	1376	27	4.36	2.563	0.061	0.2178	0.0046	0.69088	1270	24	1383	34	8.17	1383.0	34	8.17	7.4089	0.281945	0.000079	0.001072	0.000051	0.045500	0.002200	1.467306	0.000066	0.281917	-29.7	0.4	2.8
	SL097-009	0.802	0.023	0.0969	0.0029	0.83508	596	17	588	47	-1.36	0.772	0.026	0.0933	0.0023	0.72743	575.1	14	608	35	5.41	596.0	17	-1.36	13.747	0.282556	0.00008	0.001869	0.000084	0.075800	0.004100	1.467275	0.000074	0.282535	-8.1	4.5	2.9
	SL097-169	0.728	0.02	0.0911	0.0017	0.46497	562	9.8	525	43	-7.05	0.686	0.018	0.08567	0.0015	0.49466	529.9	9.2	537	42	1.32	562.0	9.8	-7.05	17.374	0.28243	0.000081	0.0027	0.00056	0.101000	0.023000	1.466930	0.000100	0.282402	-12.6	-1.0	2.9
	SL097-092	0.89	0.038	0.1045	0.0028	0.17932	640.8	16	660	75	2.91	0.849	0.033	0.0996	0.0019	0.13943	612	11	680	78	10.00	640.8	16	2.91	8.7543	0.282596	0.000082	0.000932	0.000045	0.036200	0.001800	1.467354	0.000089	0.282585	-6.7	7.2	2.9
	SL097-159	0.737	0.02	0.0883	0.002	0.51402	545.4	12	603	53	9.55	0.693	0.021	0.0828	0.002	0.47999	512.5	12	606	44	15.43	545.4	12	9.55	19.14	0.282306	0.000083	0.00139	0.00024	0.048600	0.009100	1.467020	0.000110	0.282292	-16.9	-5.3	3.0
	SL097-167	0.91	0.022	0.1044	0.0021	0.69507	640.1	12	693	43	7.63	0.854	0.023	0.0982	0.0022	0.70902	603.6	13	686	32	12.01	640.1	12	7.63	24.684	0.282627	0.000083	0.00299	0.00029	0.118000	0.012000	1.466960	0.000100	0.282591	-5.6	7.4	3.0
	SL097-083	0.67	0.023	0.0842	0.0025	1	520.9	15	513	65	-1.54	0.627	0.02	0.081	0.0018	0.16221	501.8	11	450	70	-11.51	520.9	15	-1.54	10.967	0.282518	0.000083	0.001402	0.000037	0.053400	0.002800	1.467247	0.000093	0.282504	-9.4	1.7	3.0
	SL097-079	0.743	0.023	0.0904	0.0024	0.44515	558	14	588	37	5.10	0.705	0.019	0.0866	0.0016	0.48019	535.1	9.7	530	44	-0.96	558.0	14	5.10	14.112	0.2825	0.000084	0.00167	0.00012	0.067600	0.004700	1.467339	0.000085	0.282483	-10.1	1.7	3.0
	SL097-109	6.8	0.17	0.4017	0.0099	0.73046	2177	46	1999.6	9.7	-8.87	6.491	0.13	0.3832	0.0059	0.73615	2091	28	1963.4	21	-6.50	1963.4	21	-6.50	21.764	0.281447	0.000085	0.0003913	0.0000018	0.014580	0.000140	1.467300	0.000110	0.281432	-47.3	-3.5	3.0
	SL097-179	6.52	0.16	0.3727	0.0095	0.91975	2041	45	2030	16	-0.54	5.92	0.14	0.3413	0.0085	0.91794	1892	41	2042	16	7.35	2042.0	16	7.35	8.0576	0.281601	0.000086	0.001437	0.000077	0.058500	0.004400	1.467180	0.000130	0.281545	-41.9	2.3	3.1
	SL097-075	0.721	0.028	0.0871	0.0024	0.16052	538.3	14	586	66	8.14	0.678	0.024	0.0837	0.0017	0.1921	518	10	545	70	4.95	538.3	14	8.14	12.021	0.282474	0.000086	0.001079	0.000051	0.043400	0.001700	1.467330	0.000100	0.282463	-11.0	0.6	3.1
	SL097-035	0.65	0.018	0.0804	0.0022	0.58965	498.5	13	533	55	6.47	0.635	0.023	0.0785	0.0022	0.61588	487.4	13	553	46	11.86	498.5	13	6.47	9.7674	0.282501	0.000089	0.00182	0.00017	0.063800	0.005800	1.467320	0.000140	0.282484	-10.0	0.5	3.2

SL097A

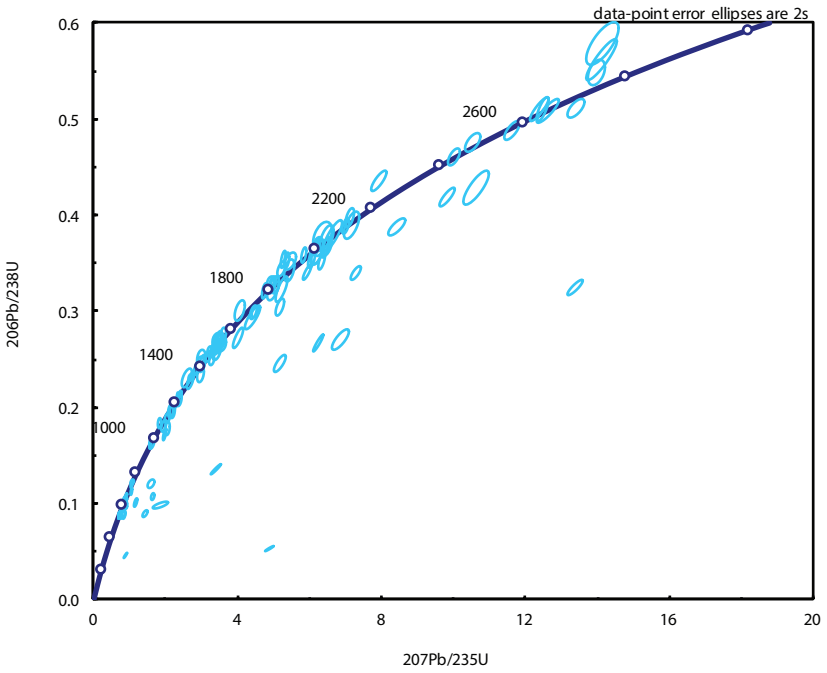
	Grain	NORMALIZED WITH PLESOVICE Final 207Pb/235U	Final 207Pb/235U Prop2SE	Final 206Pb/238U	Final 206Pb/238U Prop2SE	Error Correlation	Final Age 206Pb-238U	Final Age 206Pb-238U Prop2SE	Final Age 207Pb-206Pb	Final Age 207Pb-206Pb Prop2SE	Discordance %	NORMALIZED WITH 91500 Final 207Pb/235U	Final 207Pb/235U Prop2SE	Final 206Pb/238U	Final 206Pb/238U Prop2SE	Error Correlation	Final Age 206Pb-238U	Final Age 206Pb-238U Prop2SE	Final Age 207Pb-206Pb	Final Age 207Pb-206Pb Prop2SE	Discordance %
εHF error>3.0	SL097-138	0.743	0.019	0.0906	0.0018	0.29423	559.3	11	570	55	1.88	0.7	0.019	0.08601	0.0018	0.17694	531.9	11	539	45	1.32
	SL097-053	0.7383	0.015	0.0921	0.0022	0.7387	568	13	519	41	-9.44	0.7126	0.022	0.0892	0.0021	0.7724	550.5	12	539	28	-2.13
	SL097-120	0.771	0.033	0.0948	0.0031	0.46324	584	18	545	69	-7.16	0.726	0.03	0.0904	0.0023	0.50314	558	13	445	74	-25.39
	SL097-043	0.96	0.024	0.1131	0.0028	0.32954	690.7	16	663	55	-4.18	0.918	0.031	0.1078	0.0025	0.33011	660.1	14	682	46	3.21
	SL097-078	0.808	0.033	0.096	0.0032	0.1883	591	19	623	85	5.14	0.761	0.029	0.0923	0.0026	0.23015	569	15	569	89	0.00
	SL097-140	0.929	0.039	0.1068	0.0029	0.6334	654	17	686	79	4.66	0.879	0.038	0.1027	0.0027	0.46017	630	16	657	73	4.11
	SL097-130	0.738	0.027	0.0902	0.0024	0.35514	557	14	564	81	1.24	0.702	0.026	0.087	0.0023	0.2898	538	14	566	75	4.95
	SL097-056	6.62	0.17	0.3903	0.012	0.75277	2124	53	1987	40	-6.89	6.39	0.21	0.3776	0.0099	0.67328	2065	46	2004	31	-3.04
	SL097-106	0.787	0.026	0.0971	0.0026	0.38141	597.6	15	554	47	-7.87	0.746	0.022	0.0928	0.0018	0.42856	572	11	562	52	-1.78
	SL097-096	0.708	0.023	0.086	0.0024	0.089865	531.7	14	585	54	9.11	0.668	0.019	0.0823	0.0016	0.14335	509.7	9.6	591	58	13.76
	SL097-134	0.706	0.023	0.087	0.0019	0.29946	537.7	12	556	71	3.29	0.667	0.023	0.0824	0.0021	0.28063	510.5	12	528	63	3.31
	SL097-126	0.815	0.017	0.09925	0.0018	0.64	610	10	576	41	-5.90	0.773	0.019	0.09353	0.0019	0.6403	576.3	11	586	27	1.66
	SL097-143	0.924	0.023	0.1091	0.0023	0.23109	667.3	13	632	53	-5.59	0.868	0.024	0.1029	0.0024	0.24772	631.1	14	604	44	-4.49
	SL097-014	6.14	0.12	0.3571	0.009	0.65383	1968	43	2009	36	2.04	6.023	0.18	0.3514	0.0081	0.52476	1941	38	2025	25	4.15
	SL097-006	6.152	0.12	0.3858	0.0094	0.5949	2103	44	1881	37	-11.80	5.87	0.17	0.3683	0.0081	0.36412	2021	38	1898	27	-6.48
	SL097-010	0.919	0.033	0.1063	0.0035	0.56441	651	21	676	71	3.70	0.896	0.035	0.1035	0.0029	0.31377	635	17	696	63	8.76
	SL097-036	0.779	0.037	0.092	0.0029	0.71003	567	17	618	79	8.25	0.754	0.036	0.0892	0.0023	0.5111	550.9	14	638	73	13.65
	SL097-051	0.738	0.021	0.0899	0.0023	0.20034	555.1	13	571	64	2.78	0.704	0.025	0.08581	0.0019	0.054434	530.7	11	591	56	10.20
	SL097-031	0.73	0.018	0.0889	0.0023	0.65466	549.2	13	583	47	5.80	0.702	0.022	0.0852	0.0021	0.49746	527.1	13	603	36	12.59
	SL097-034	0.778	0.021	0.0948	0.0025	0.47523	583.9	15	569	61	-2.62	0.747	0.027	0.0912	0.0023	0.43725	562.4	13	589	52	4.52
	SL097-141	0.814	0.029	0.0958	0.0021	0.29214	589.4	12	632	78	6.74	0.765	0.029	0.0902	0.0022	0.33602	556.8	13	603	72	7.66
	SL097-176	0.828	0.027	0.0966	0.0022	0.36564	594	13	655	60	9.31	0.772	0.023	0.0904	0.002	0.30424	557.9	12	669	60	16.61
	SL097-046	1.012	0.029	0.1153	0.0033	0.20774	703	19	719	69	2.23	0.959	0.036	0.109	0.0029	0.23471	667	17	738	62	9.62
	SL097-093	0.81	0.036	0.094	0.0037	0.16214	579	22	639	70	9.39	0.752	0.032	0.0902	0.003	0.268	556	18	656	73	15.24
	SL097-156	0.883	0.026	0.1028	0.0025	0.45035	631	14	689	54	8.42	0.833	0.026	0.0966	0.0024	0.41705	594.1	14	695	46	14.52
	SL097-007	0.778	0.032	0.0949	0.003	0.23831	585	18	549	93	-6.56	0.764	0.033	0.0934	0.0025	0.000001	575	15	569	87	-1.05
	SL097-118	6.46	0.18	0.3914	0.01	0.77236	2129	47	1956	17	-8.84	6.149	0.14	0.372	0.0066	0.81835	2038	31	1868	26	-9.10
	SL097-001	0.659	0.032	0.0815	0.0041	0.92113	505	25	530	57	4.72	0.657	0.03	0.0806	0.0041	0.8504	499	24	550	44	9.27
DISCORDANT	SL097-145	0.93	0.028	0.1057	0.0021	0.44444	647.8	13	720	60	10.03	0.875	0.028	0.0997	0.0022	0.27981	612.9	13	708	52	13.43
	SL097-012	0.628	0.021	0.0776	0.0026	0.81072	482	15	536	52	10.07	0.613	0.022	0.0753	0.0022	0.67805	467.9	13	556	43	15.85
	SL097-044	0.689	0.015	0.08387	0.0021	0.57359	519.1	12	578	46	10.19	0.6599	0.02	0.08035	0.0018	0.38536	498.2	11	597	34	16.55
	SL097-033	0.641	0.026	0.0786	0.0032	0.63743	488	19	545	85	10.46	0.64	0.028	0.0786	0.003	0.48805	487	18	564	79	13.65
	SL097-081	12.54	0.36	0.4734	0.013	0.8952	2498	58	2757	10	9.39	11.84	0.29	0.4535	0.0094	0.90992	2410	42	2710	20	11.07
	SL097-019	0.687	0.02	0.0831	0.0021	0.26124	514.8	13	585	65	12.00	0.657	0.024	0.0796	0.0019	0.11869	493.7	12	605	58	18.40
	SL097-136	3.187	0.065	0.2409	0.0045	0.64094	1392	23	1542	33	9.73	3.014	0.072	0.2299	0.0055	0.76141	1334	29	1517	21	12.06
	SL097-059	0.739	0.021	0.0879	0.0024	0.21332	542.9	14	623	69	12.86	0.706	0.025	0.0841	0.0023	0.092651	520.3	14	643	62	19.08
	SL097-057	0.962	0.025	0.1073	0.0028	0.45034	657.1	16	757	58	13.20	0.929	0.031	0.104	0.0029	0.3601	638	17	777	49	17.89
	SL097-077	0.673	0.025	0.0814	0.0029	0.70994	505	17	582	47	13.23	0.628	0.024	0.0783	0.0023	0.75919	486	14	532	53	8.65
	SL097-088	0.695	0.02	0.08415	0.0022	0.37302	520.8	13	605	33	13.92	0.6616	0.015	0.08039	0.0014	0.36422	498.4	8.3	622	40	19.87
	SL097-121	2.077	0.045	0.186	0.0036	0.636	1100	20	1216	38	9.54	1.978	0.048	0.177	0.0043	0.45315	1051	23	1230	26	14.55
	SL097-114	0.677	0.02	0.0821	0.0023	0.51307	508.7	14	597	35	14.79	0.641	0.017	0.0782	0.0017	0.484	485.2	9.9	504	43	3.73
	SL097-099	0.846	0.034	0.0972	0.0031	0.35114	598	18	716	65	16.48	0.802	0.03	0.0928	0.0023	0.33479	572	14	686	69	16.62
	SL097-080	0.782	0.038	0.0905	0.0026	0.25844	558.3	16	671	90	16.80	0.736	0.036	0.087	0.0019	0.33211	537.4	11	611	94	12.05
	SL097-104	0.727	0.036	0.0855	0.0026	0.61206	529.1	15	637	76	16.94	0.686	0.034	0.0818	0.002	0.64946	507	12	635	80	20.16
	SL097-060	0.687	0.035	0.0814	0.0025	0.67178	504	15	607	100	16.97	0.681	0.035	0.0806	0.0023	0.6281	500	14	626	97	20.13
	SL097-152	0.77	0.025	0.0896	0.0018	0.38674	553.1	11	669	65	17.32	0.725	0.025	0.0834	0.0019	0.34791	516.5	11	670	58	22.91
	SL097-040	0.84	0.032	0.0951	0.0031	0.30307	585	18	713	86	17.95	0.838	0.034	0.0938	0.0032	0.09646	578	19	732	80	21.04
	SL097-175	0.648	0.017	0.0782	0.0016	0.569	485.3	9.9	594	36	18.30	0.599	0.013	0.0724	0.0014	0.48739	450.6	8.7	608	36	25.89
	SL097-063	0.687	0.024	0.082	0.0023	0.37271	508.1	14	625	51	18.70	0.651	0.02	0.0787	0.0016	0.37382	488	9.3	656	55	25.61
	SL097-133	0.764	0.037	0.0884	0.0026	0.521	546	15	680	87	19.71	0.722	0.035	0.0841	0.0023	0.41009	520.4	13	654	82	20.43
	SL097-084	0.88	0.03	0.09843	0.0025	0.3271	605.1	15	759	47	20.28	0.835	0.025	0.09418	0.0016	0.26364	580.2	9.3	701	52	17.23
	SL097-142	0.955	0.048	0.1037	0.0026	0.19573	636	15	800	110	20.50	0.901	0.046	0.0988	0.0029	0.04498	607	17	770	100	21.17
	SL097-030	0.679	0.02	0.0801	0.0023	0.35072	496.5	13	634	69	21.69	0.666	0.025	0.0784	0.0021	0.30253	486.4	13	654	61	25.63
	SL097-153	0.677	0.019	0.0807	0.0025	0.87579	500	15	639	41	21.75	0.639	0.019	0.0766	0.0021	0.83441	475.4	13	641	27	25.83
	SL097-100	4.583	0.12	0.2759	0.0074	0.41091	1570	37	1963	22	20.02	4.362	0.092	0.2633	0.0047	0.43998	1507	24	1942	29	22.40
	SL097-073	0.843	0.028	0.0944	0.0028	0.14185	581.4	16	756	56	23.10	0.801	0.023	0.0905	0.002	0.13752	558.3	12	725	60	22.99
	SL097-070	0.759	0.033	0.0872	0.0025	0.39822	539.1	15	704	67	23.42	0.718	0.03	0.0837	0.0017	0.36271	518.3	10	706	71	26.59
	SL097-026	0.681	0.025	0.0795	0.0023	0.7786	493.2	14	647	60	23.77	0.687	0.027	0.0791	0.0024	0.68584	491	14	667	52	26.39
	SL097-101	0.721	0.03	0.0835	0.0025	0.70357	516.7	15	679	45	23.90	0.688	0.027	0.0794	0.0019	0.74071	492.5	11	660	50	25.38
	SL097-013	0.78	0.031	0.0881	0.0022	0.683	544.4	13	716	70	23.97	0.749	0.033	0.08466	0.0019	0.49337	523.8	11	735	64	28.73
	SL097-041	0.698	0.033	0.0809	0.0032	0.74855	502	19	663	71	24.28	0.684	0.031	0.0793	0.0029	0.69379	492	17	676	61	27.22
	SL097-117	0.854	0.036	0.0946	0.0028	0.26108	582.8	17	790	66	26.23	0.806	0.034	0.0903	0.002	0.29166	557.3	12	686	70	18.76
	SL097-110	0.924	0.037	0.0992	0.0031	0.85701	609	18	853	41	28.60	0.879	0.033	0.0944	0.0023	0.85366	581	14	801	47	27.47
	SL097-087	0.813	0.027	0.0901	0.003	0.78719	556	18	768	37	27.60	0.758	0.025	0.0866	0.0024	0.75517	535	14	781	43	31.50
	SL097-135	0.64	0.019	0.0753	0.0017	0.8587	468.2	10	651	45	28.08	0.606	0.019	0.07258	0.0016	0.69651	451.6	9.7	623	34	27.51
	SL097-102	0.971	0.049	0.1028	0.0031	0.50232	631	18	860	80	26.63	0.918	0.045	0.0982	0.0023	0.49546	604	13	847	83	28.69
	SL097-042	0.915	0.02	0.09986	0.0023	0.27473	613.5	14	809	47	24.17	0.872	0.028	0.09517	0.0021	0.35209	586	12	828	37	29.23
	SL097-158	0.716	0.023	0.0813	0.0018	0.29171	504.1	10	718	65	29.79	0.677	0.023	0.0785	0.0018	0.27596	487.3	11	722	59	32.51
	SL097-113	0.701	0.023	0.0786	0.0022	0.6721	487.6	13	754	36	35.33	0.662	0.02	0.0749	0.0016	0.63782	465.5	9.4	671	43	30.63
	SL097-160	1.028	0.046	0.1031	0.002	1	632.7	12	952	99	33.54	0.969	0.046	0.0974	0.0023	0.1596	599.2	13	954	94	37.19
	SL097-061	0.68	0.022	0.0759	0.0025	0.66065	471	15	751	38	37.28	0.63	0.016	0.0732	0.002	0.56987	455	12	779	44	41.59
	SL097-090	0.963	0.042	0.0989	0.0029	0.22191	608	17	911	76	33.26	0.911	0.037	0.0945	0.0022	0.22623	582	13	931	79	37.49
	SL097-018	0.69	0.017	0.0761	0.0022	0.4517	472.7	13	775	53	39.01	0.698	0.023	0.0754	0.0024	0.089081	469	14	794	44	40.93
	SL097-052	0.921	0.035	0.0941	0.0028	0.85042	580	16	927	56	37.43	0.916	0.036	0.0931	0.0027	0.75488	574	16	946	48	39.32
	SL097-129	0.767	0.022	0.0827	0.0016	0.029274	511.9	9.6	837	63	38.84	0.729	0.023	0.079	0.0018	1	490.1	11	841	56	41.72
	SL097-147	0.782	0.046	0.0825	0.0028	0.35412	511	17	850	110	39.88	0.739	0.044	0.0789	0.0027	0.27369	490	16	850	110	42.35
	SL097-003	0.85	0.066	0.0861	0.0022	1	532.5	13	870	140	38.79	0.823	0.072	0.0827	0.002	0.34099	512.3	12	890	140	42.44
	SL097-116	0.952	0.045	0.0926	0.0028	0.45514	571	16	1045	71	45.36	0.908	0.04	0.0881	0.002	0.49885	544.1	12	947	75	42.54
	SL097-011	0.894	0.02	0.0904	0.0025	0.85996	558.1	15	958	41	41.74	0.884	0.031	0.0894	0.0026	0.82305	552	15	976	29	43.44
	SL097-037	0.762	0.038	0.0812	0.0024	0.56458	503.2	14	863	89	41.69	0.749	0.041	0.0803	0.0021	0.59197	498	13	882	84	43.54
	SL097-054	0.847	0.045	0.0877	0.0023	0.46251	541.9	14	894	97	39.38	0.802	0.045	0.083	0.002	0.34803	514.2	12	913	93	43.68
	SL097-050	0.85	0.09	0.0843	0.0026	0.53907	522	15	930	200	43.87	0.83	0.084	0.0831	0.0023	0.25865	514.5	14	940	200	45.27
	SL097-062	0.743	0.075	0.0768	0.0039	0.69687	477	23	850	140	43.88	0.679	0.07	0.0743	0.0033	0.78471	462	20	880	140	47.50
	SL097-049	0.985	0.064	0.0945	0.006	0.89893	581	35	1076	66	46.00	0.931	0.063	0.0889	0.0055	0.89834	549	33	1094	59	49.82
	SL097-005	0.897	0.068	0.0849	0.0028	0.56913	525	17	1010	140	48.02	0.867	0.063	0.082	0.0025	0.39839	508	15	1030	130	50.68
	SL097-076	1.047	0.061	0.0932	0.0033	0.43928	574	20	1204	94	52.33	0.996	0.056	0.0893	0.0026	0.42102	551	15	1163	97	52.62
	SL097-074	1.052	0.04	0.0936	0.0025	1	576.9	15	1224	75	52.87	1.001	0.035	0.0897	0.0018	1	553.7	10	1191	78	53.51

Grain	APPLIED AGE selected age	2σ	Discordance %	Duration	LUTETIUM - HAFNIUM ISOTOPIC DATA corrected $^{176}Hf/^{177}Hf$	2SE	$^{176}Lu/^{177}Hf$	2SE	$^{176}Yb/^{177}Hf$	2SE	$^{178}Hf/^{177}Hf$	2SE	$^{176}Hf/^{177}Hf_i$	EHf_0	EHf_i	2SE
SL097-138	559.3	11	1.88	15.113	0.282567	0.00009	0.00261	0.00016	0.107200	0.005500	1.466861	0.000097	0.282540	-7.7	3.8	3.2
SL097-053	568.0	13	-9.44	9.5699	0.282293	0.00009	0.00259	0.00031	0.109000	0.015000	1.467360	0.000099	0.282265	-17.4	-5.7	3.2
SL097-120	584.0	18	-7.16	13.383	0.282522	0.000091	0.00149	0.00011	0.058100	0.003700	1.467308	0.000082	0.282506	-9.3	3.2	3.3
SL097-043	690.7	16	-4.18	21.28	0.282374	0.000096	0.00244	0.00016	0.085800	0.005500	1.467264	0.000091	0.282342	-14.5	-0.2	3.4
SL097-078	591.0	19	5.14	10.299	0.282483	0.000097	0.000785	0.00003	0.031000	0.001400	1.467291	0.000079	0.282474	-10.7	2.2	3.5
SL097-140	654.0	17	4.66	8.9025	0.282433	0.000098	0.00182	0.00016	0.074500	0.006900	1.466920	0.000110	0.282411	-12.4	1.4	3.5
SL097-130	557.0	14	1.24	9.6335	0.282416	0.0001	0.00067	0.000016	0.024800	0.001300	1.466840	0.000120	0.282409	-13.0	-0.9	3.6
SL097-056	2004.0	31	-3.04	10.378	0.28147	0.0001	0.001063	0.000044	0.040200	0.002100	1.467250	0.000140	0.281429	-46.5	-2.6	3.6
SL097-106	597.6	15	-7.87	9.3964	0.28239	0.0001	0.00231	0.00013	0.097900	0.006300	1.467349	0.000062	0.282364	-14.0	-1.6	3.6
SL097-096	531.7	14	9.11	11.838	0.28238	0.00011	0.001514	0.000039	0.054000	0.001700	1.467450	0.000150	0.282365	-14.3	-3.0	3.9
SL097-134	537.7	12	3.29	10.413	0.282512	0.00011	0.002245	0.000042	0.084300	0.002700	1.467065	0.000076	0.282489	-9.7	1.5	3.9
SL097-126	610.0	10	-5.90	20.627	0.282249	0.00011	0.00191	0.00013	0.069800	0.004700	1.467020	0.000110	0.282227	-19.0	-6.1	3.9
SL097-143	667.3	13	-5.59	13.914	0.282502	0.00011	0.001318	0.000073	0.052100	0.003400	1.466940	0.000073	0.282485	-10.0	4.3	3.9
SL097-014	2025.0	25	4.15	7.7267	0.28138	0.00011	0.001399	0.00002	0.059700	0.001400	1.467350	0.000100	0.281326	-49.7	-5.8	3.9
SL097-006	1898.0	27	-6.48	11.704	0.2817	0.00011	0.001495	0.000067	0.054900	0.002800	1.467100	0.000120	0.281646	-38.4	2.6	3.9
SL097-010	651.0	21	3.70	10.298	0.28238	0.00011	0.00171	0.00023	0.067400	0.009300	1.467163	0.000098	0.282359	-14.3	-0.5	3.9
SL097-036	567.0	17	8.25	11.407	0.28228	0.00011	0.001266	0.000058	0.050700	0.003800	1.467356	0.000067	0.282267	-17.9	-5.7	3.9
SL097-051	555.1	13	2.78	13.859	0.28251	0.00012	0.00486	0.00053	0.186000	0.023000	1.467277	0.000072	0.282459	-9.7	0.9	4.3
SL097-031	549.2	13	5.80	9.1898	0.28235	0.00012	0.00206	0.00012	0.086500	0.005500	1.467345	0.000075	0.282329	-15.4	-3.9	4.3
SL097-034	583.9	15	-2.62	11.529	0.28219	0.00012	0.002	0.00014	0.081000	0.007400	1.467211	0.000092	0.282168	-21.0	-8.8	4.3
SL097-141	589.4	12	6.74	14.85	0.282506	0.00013	0.0014	0.00019	0.057500	0.008400	1.466813	0.000082	0.282491	-9.9	2.7	4.6
SL097-176	594.0	13	9.31	11.788	0.282532	0.00013	0.00144	0.00017	0.054100	0.007200	1.466936	0.000064	0.282516	-8.9	3.7	4.6
SL097-046	703.0	19	2.23	10.448	0.28227	0.00013	0.00079	0.00031	0.029000	0.013000	1.467320	0.000110	0.282260	-18.2	-2.9	4.6
SL097-093	579.0	22	9.39	8.4783	0.28252	0.00013	0.00154	0.0002	0.063600	0.007900	1.467273	0.000085	0.282503	-9.4	3.0	4.6
SL097-156	631.0	14	8.42	17.868	0.282234	0.00014	0.00175	0.00015	0.070900	0.006500	1.466810	0.000140	0.282213	-19.5	-6.1	5.0
SL097-007	585.0	18	-6.56	10.389	0.2827	0.00019	0.000907	0.000028	0.037600	0.000510	1.467100	0.000320	0.282690	-3.0	9.7	6.8
SL097-118	1868.0	26	-9.10	11.448	0.28124	0.00024	0.00091	0.00011	0.035600	0.004000	1.467620	0.000390	0.281208	-54.6	-13.7	8.6
SL097-001	505.0	25	4.72	7.5761	0.28226	0.00064	0.001539	0.000087	0.055600	0.004000	1.467580	0.000680	0.282245	-18.6	-7.8	22.9
SL097-145	647.8	13	10.03	14.367	0.282339	0.00017	0.000636	0.000027	0.021060	0.000620	1.467050	0.000160	0.282331	-15.8	-1.6	6.1
SL097-012	482.0	15	10.07	12.298	0.282604	0.000079	0.002803	0.000097	0.120100	0.006800	1.467104	0.000097	0.282579	-6.4	3.4	2.8
SL097-044	519.1	12	10.19	15.096	0.28242	0.00011	0.00206	0.00013	0.086800	0.004600	1.467370	0.000073	0.282400	-12.9	-2.0	3.9
SL097-033	488.0	19	10.46	4.502	0.282541	0.00003	0.00171	0.00027	0.059600	0.008900	1.467387	0.000078	0.282525	-8.6	1.7	1.1
SL097-081	2710.0	20	11.07	15.889	0.2809	0.000063	0.000405	0.000054	0.018600	0.003200	1.467254	0.000068	0.280879	-66.7	-5.8	2.3
SL097-019	514.8	13	12.00	11.985	0.282578	0.000083	0.00136	0.00015	0.047300	0.005400	1.467190	0.000120	0.282565	-7.3	3.7	3.0
SL097-136	1517.0	21	12.06	9.0804	0.28334	0.00045	0.0035	0.0006	0.188000	0.037000	1.467050	0.000130	0.283239	19.6	50.4	16.1
SL097-059	542.9	14	12.86	10.635	0.282405	0.00008	0.000951	0.000091	0.030700	0.003100	1.467337	0.000090	0.282395	-13.4	-1.7	2.9
SL097-057	657.1	16	13.20	10.044	0.28246	0.00011	0.0023	0.00027	0.092500	0.009300	1.467338	0.000090	0.282432	-11.5	2.2	3.9
SL097-077	505.0	17	13.23	9.6625	0.282342	0.000096	0.00235	0.00032	0.099000	0.015000	1.467320	0.000120	0.282320	-15.7	-5.2	3.4
SL097-088	520.8	13	13.92	20.19	0.28245	0.0001	0.00309	0.00012	0.126700	0.003100	1.467322	0.000088	0.282420	-11.8	-1.3	3.6
SL097-121	1230.0	26	14.55	13.224	0.28208	0.00007	0.000955	0.000038	0.041300	0.001600	1.467108	0.000089	0.282058	-24.9	1.9	2.5
SL097-114	508.7	14	14.79	24.447	0.28259	0.000058	0.00229	0.00011	0.081900	0.003800	1.467363	0.000074	0.282568	-6.9	3.7	2.1
SL097-099	598.0	18	16.48	16.668	0.28277	0.00013	0.00123	0.0003	0.052000	0.018000	1.467301	0.000067	0.282756	-0.5	12.3	4.6
SL097-080	558.3	16	16.80	9.6183	0.28261	0.0001	0.0023	0.00026	0.084000	0.008300	1.467420	0.000130	0.282586	-6.2	5.4	3.6
SL097-104	529.1	15	16.94	10.814	0.28244	0.0001	0.00201	0.00022	0.081300	0.009100	1.467380	0.000130	0.282420	-12.2	-1.1	3.6
SL097-060	504.0	15	16.97	6.6881	0.28247	0.00024	0.001135	0.000029	0.045100	0.001800	1.467180	0.000320	0.282459	-11.1	-0.3	8.6
SL097-152	553.1	11	17.32	22.955	0.282398	0.000085	0.0016	0.00016	0.064400	0.006300	1.467137	0.000097	0.282381	-13.7	-1.9	3.0
SL097-040	585.0	18	17.95	8.2711	0.28245	0.00028	0.001306	0.000012	0.056300	0.002500	1.467210	0.000310	0.282436	-11.8	0.7	10.0
SL097-175	485.3	9.9	18.30	15.45	0.282356	0.0001	0.00356	0.00044	0.154000	0.019000	1.467038	0.000086	0.282324	-15.2	-5.5	3.6
SL097-063	508.1	14	18.70	11.555	0.282325	0.000098	0.00117	0.00012	0.039100	0.003900	1.467299	0.000073	0.282314	-16.3	-5.3	3.5
SL097-133	546.0	15	19.71	10.111	0.282437	0.00014	0.00182	0.00018	0.065100	0.006600	1.467040	0.000100	0.282418	-12.3	-0.8	5.0
SL097-084	605.1	15	20.28	19.844	0.282471	0.000087	0.0036	0.00025	0.135500	0.006500	1.467250	0.000091	0.282430	-11.1	1.0	3.1
SL097-142	636.0	15	20.50	13.263	0.282591	0.000081	0.00118	0.00017	0.047900	0.006400	1.466940	0.000110	0.282577	-6.9	6.8	2.9
SL097-030	496.5	13	21.69	9.887	0.282576	0.000058	0.00112	0.00017	0.039500	0.005700	1.467410	0.000130	0.282566	-7.4	3.3	2.1
SL097-153	500.0	15	21.75	12.021	0.282359	0.00011	0.00203	0.00014	0.091200	0.005800	1.467020	0.000120	0.282340	-15.1	-4.6	3.9
SL097-100	1942.0	29	22.40	6.681	0.28117	0.00055	0.00303	0.00075	0.116000	0.023000	1.467860	0.000620	0.281058	-57.1	-17.3	19.6
SL097-073	581.4	16	23.10	24.158	0.282416	0.000055	0.000663	0.000042	0.025300	0.001800	1.467283	0.000063	0.282409	-13.0	-0.3	2.0
SL097-070	539.1	15	23.42	16.486	0.282415	0.000062	0.001773	0.000086	0.070500	0.002600	1.467357	0.000066	0.282397	-13.1	-1.7	2.2
SL097-026	493.2	14	23.77	4.8882	0.282743	0.000094	0.003892	0.000071	0.139200	0.003100	1.467250	0.000200	0.282707	-1.5	8.2	3.4
SL097-101	516.7	15	23.90	9.4695	0.282374	0.000067	0.001508	0.000089	0.054300	0.003900	1.467300	0.000110	0.282359	-14.5	-3.5	2.4
SL097-013	544.4	13	23.97	17.211	0.282322	0.000086	0.0022	0.00015	0.087700	0.005000	1.467370	0.000130	0.282300	-16.4	-5.0	3.1
SL097-041	502.0	19	24.28	8.0935	0.282461	0.000091	0.00188	0.00012	0.072100	0.004800	1.467379	0.000081	0.282443	-11.5	-0.9	3.3
SL097-117	582.8	17	26.23	11.557	0.282345	0.000073	0.0009	0.00012	0.036400	0.004100	1.467407	0.000077	0.282335	-15.6	-2.9	2.6
SL097-110	801.0	47	27.47	9.3264	0.282289	0.000083	0.001383	0.000094	0.051200	0.002900	1.467300	0.000120	0.282268	-17.5	-0.4	3.0
SL097-087	556.0	18	27.60	10.284	0.282403	0.000089	0.00427	0.0003	0.193000	0.012000	1.467280	0.000120	0.282358	-13.5	-2.7	3.2
SL097-135	468.2	10	28.08	10.309	0.282314	0.000082	0.001222	0.000015	0.053580	0.000880	1.467005	0.000095	0.282303	-16.7	-6.6	2.9
SL097-102	847.0	83	28.69	11.934	0.28224	0.00012	0.00144	0.00018	0.056400	0.007700	1.467378	0.000078	0.282217	-19.3	-1.1	4.3
SL097-042	828.0	37	29.23	17.178	0.282503	0.000043	0.00095	0.000047	0.034400	0.001700	1.467272	0.000068	0.282488	-10.0	8.0	1.5
SL097-158	504.1	10	29.79	7.5838	0.282311	0.000083	0.00128	0.00011	0.046100	0.005100	1.467190	0.000110	0.282299	-16.8	-6.0	3.0
SL097-113	487.6	13	35.33	18.244	0.282447	0.000078	0.002	0.00018	0.076500	0.006600	1.467302	0.000065	0.282429	-12.0	-1.7	2.8
SL097-160	954.0	94	37.19	9.3839	0.282557	0.000073	0.001124	0.000044	0.045400	0.001700	1.467150	0.000140	0.282537	-8.1	12.6	2.6
SL097-061	471.0	15	37.28	9.2437	0.28248	0.00016	0.0043	0.00037	0.191000	0.020000	1.467340	0.000087	0.282442	-10.8	-1.6	5.7
SL097-090	931.0	79	37.49	21.768	0.282452	0.000063	0.0019	0.00013	0.078500	0.006300	1.467256	0.000088	0.282419	-11.8	7.9	2.3
SL097-018	472.7	13	39.01	6.5589	0.28285	0.00052	0.002643	0.000097	0.111800	0.002000	1.466910	0.000550	0.282827	2.3	12.0	18.6
SL097-052	946.0	48	39.32	7.3978	0.28273	0.00021	0.002005	0.000052	0.086900	0.005400	1.467150	0.000270	0.282694	-1.9	18.0	7.5
SL097-129	841.0	56	41.72	10.439	0.28245	0.000047	0.00153	0.00012	0.057200	0.003300	1.466864	0.000089	0.282426	-11.8	6.1	1.7
SL097-147	850.0	110	42.35	11.232	0.282452	0.00026	0.00183	0.00049	0.078000	0.020000	1.467010	0.000180	0.282423	-11.8	6.2	9.3
SL097-003	890.0	140	42.44	18.46	0.282544	0.00009	0.00259	0.00019	0.104100	0.007800	1.467035	0.000087	0.282501	-8.5	9.9	3.2
SL097-116	947.0	75	42.54	10.398	0.282434	0.000048	0.000463	0.000053	0.019500	0.002100	1.467191	0.000069	0.282426	-12.4	8.5	1.7
SL097-011	976.0	29	43.44	7.2152	0.28224	0.0002	0.00421	0.00019	0.187000	0.012000	1.467150	0.000100	0.282163	-19.3	-0.2	7.1
SL097-037	882.0	84	43.54	6.7927	0.28244	0.00022	0.00172	0.00019	0.067200	0.008700	1.467250	0.000210	0.282411	-12.2	6.5	7.9
SL097-054	913.0	93	43.68	10.807	0.282358	0.000069	0.00146	0.0001	0.048600	0.004900	1.467500	0.000150	0.282333	-15.1	4.4	2.5
SL097-050	940.0	200	45.27	6.6313	no value	NAN										
SL097-062	880.0	140	47.50	4.8796	0.28218	0.00019	0.000576	0.000069	0.023800	0.003600	1.467870	0.000470	0.282170	-21.4	-2.1	6.8
SL097-049	1094.0	59	49.82	9.7626	no value	NAN										
SL097-005	1030.0	130	50.68	14.913	0.28246	0.00011	0.00187	0.00013	0.077700	0.004400	1.467290	0.000100	0.282424	-11.5	10.3	3.9
SL097-076	1163.0	97	52.62	12.439	0.28248	0.0001	0.00112	0.00035	0.044000	0.014000	1.467359	0.000086	0.282455	-10.8	14.5	3.6
SL097-074	1191.0	78	53.51	9.399	0.282288	0.000047	0.000846	0.000056	0.033500	0.002200	1.467358	0.000048	0.282269	-17.6	8.5	1.7

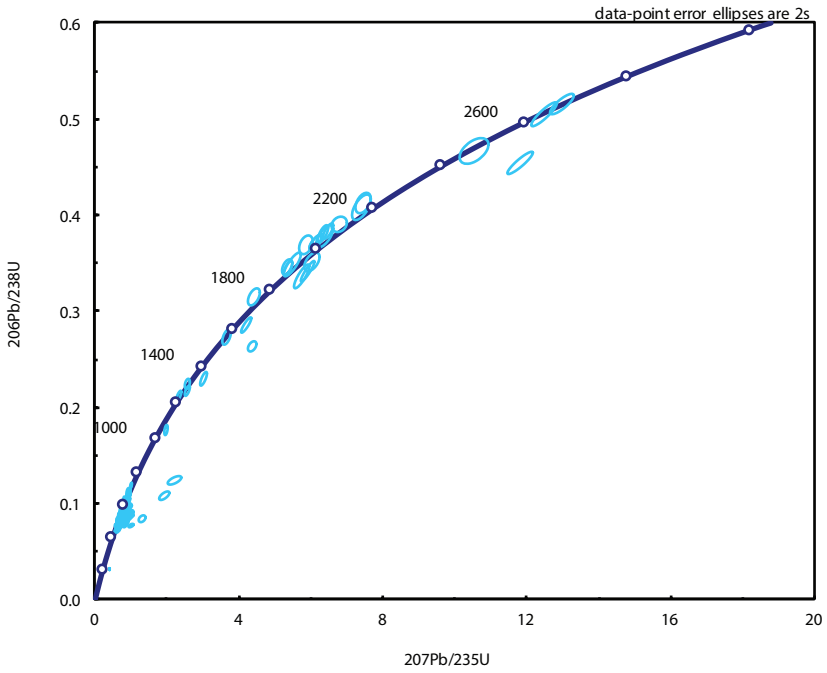
SL097A Grain	NORMALIZED WITH PLESOVICE										NORMALIZED WITH 91500										APPLIED AGE				LUTETIUM - HAFNIUM ISOTOPIC DATA										
	Final 207Pb/235U	Final 207Pb/235U Prop2SE	Final 206Pb/238U	Final 206Pb/238U Prop2SE	Error Correlation	Final Age 206Pb-238U	Final Age 206Pb-238U Prop2SE	Final Age 207Pb-206Pb	Final Age 207Pb-206Pb Prop2SE	Discordance %	Final 207Pb/235U	Final 207Pb/235U Prop2SE	Final 206Pb/238U	Final 206Pb/238U Prop2SE	Error Correlation	Final Age 206Pb-238U	Final Age 206Pb-238U Prop2SE	Final Age 207Pb-206Pb	Final Age 207Pb-206Pb Prop2SE	Discordance %	selected age	2σ	Discordance %	Duration	corrected $^{176}Hf/^{177}Hf$	2SE	$^{176}Lu/^{177}Hf$	2SE	$^{176}Yb/^{177}Hf$	2SE	$^{178}Hf/^{177}Hf$	2SE	$^{176}Hf/^{177}Hf_i$	EHf_0	EHf_i	2SE
SL097-058	0.855	0.062	0.0796	0.0032	0.82543	493	19	1097	97	55.06	0.852	0.058	0.0787	0.0032	0.72769	488	19	1115	93	56.23	1115.0	93	56.23	7.2354	0.28251	0.00017	0.00175	0.00017	0.067900	0.009100	1.467130	0.000330	0.282473	-9.7	14.0	6.1
SL097-148	1.047	0.056	0.0921	0.0027	1	568	16	1240	130	54.19	0.989	0.053	0.087	0.0027	1	538	16	1230	130	56.26	1230.0	130	56.26	7.2627	0.282416	0.000067	0.000933	0.000052	0.038100	0.002500	1.467050	0.000100	0.282394	-13.0	13.8	2.4
SL097-146	0.913	0.019	0.08412	0.0015	1	520.7	8.8	1161	43	55.15	0.859	0.02	0.07914	0.0016	0.22421	491	9.6	1151	33	57.34	1151.0	33	57.34	13.219	0.282527	0.000069	0.00201	0.0001	0.086000	0.003700	1.466796	0.000062	0.282483	-9.1	15.2	2.5
SL097-098	1.041	0.085	0.0885	0.0035	1	547	21	1280	190	57.27	0.994	0.08	0.0842	0.0029	1	521	17	1250	190	58.32	1250.0	190	58.32	8.1732	0.28249	0.0002	0.00139	0.0001	0.045300	0.003300	1.467530	0.000450	0.282457	-10.4	16.5	7.1
SL097-108	2.33	0.17	0.1295	0.0042	0.65395	785	24	2070	110	62.08	2.22	0.16	0.1238	0.0034	0.65134	752	20	2080	110	63.85	2080.0	110	63.85	7.7352	0.282375	0.000076	0.00056	0.000041	0.021600	0.002400	1.467458	0.000084	0.282353	-14.5	31.9	2.7
SL097-127	2.02	0.12	0.114	0.0034	0.70306	696	20	2051	83	66.07	1.92	0.12	0.1084	0.0034	0.66248	663	20	2057	79	67.77	2057.0	79	67.77	5.2208	0.282388	0.00012	0.000335	0.000045	0.010800	0.001800	1.467060	0.000310	0.282375	-14.0	32.2	4.3
SL097-161	1.09	0.063	0.0796	0.0023	0.68929	494	13	1571	79	68.56	1.03	0.06	0.0769	0.002	0.57928	477.3	12	1572	75	69.64	1572.0	75	69.64	9.2685	0.2825	0.00024	0.00245	0.00034	0.109000	0.014000	1.466830	0.000230	0.282427	-10.1	22.8	8.6
SL097-023	1.384	0.066	0.0882	0.0029	0.36782	545	17	1827	86	70.17	1.324	0.07	0.0843	0.0027	0.37839	522	16	1843	82	71.68	1843.0	82	71.68													

Concordia plots for all analysed grains in samples ML120A and SL097A, normalized with respect to standard 91500

ML120A

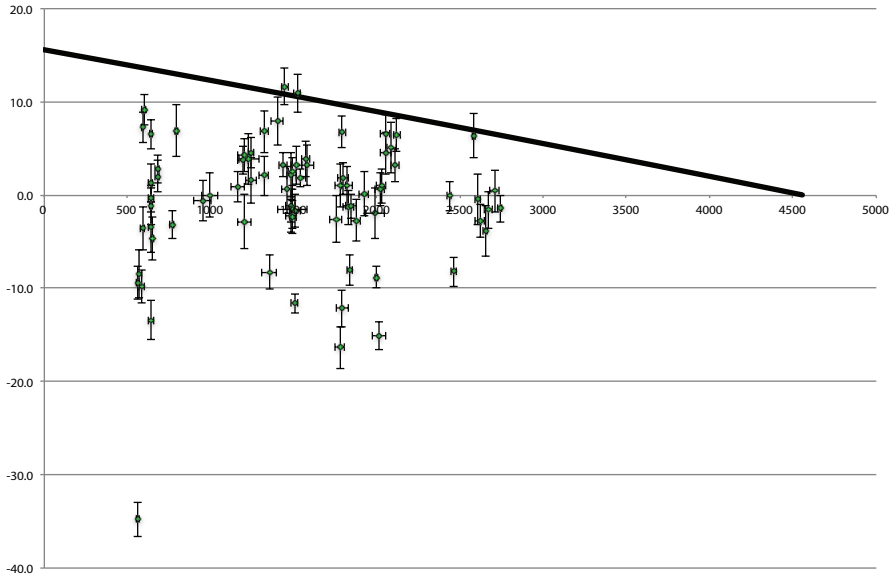


SL097A

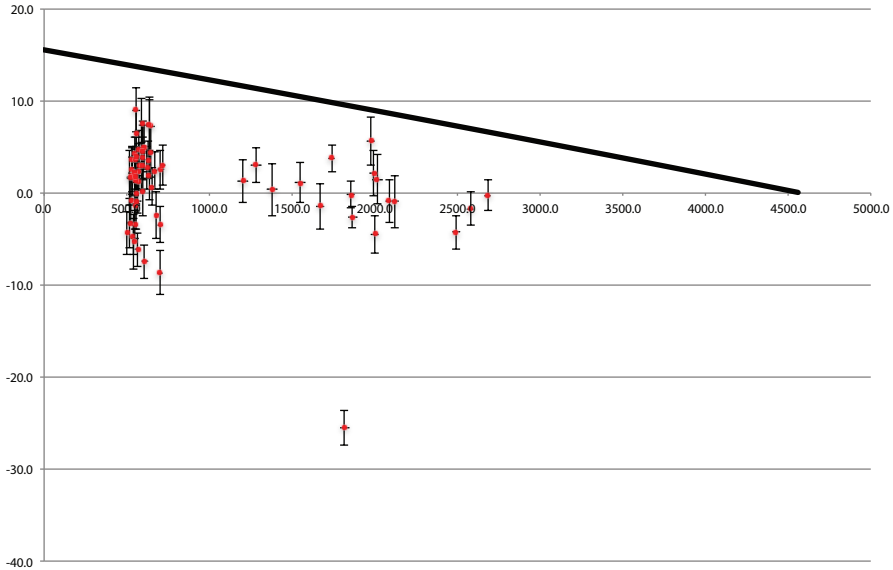


Plots of epsilon-Hf for all concordant grains with epsilon-Hf errors <3.0

ML120, epsilon-Hf error better than 3.0 n=78



SL097 epsilon-Hf error better than 3.0 n=66



Results of K-S (Kolmogorov-Smirnoff) tests on detrital zircon datasets included in Figures 3, 4 and 5 of main paper.

All data

K-S P-values using error in the CDF

	Redmans	Dolcynafon	Gander	Watch Hill	ML120A 2014 Bray Head	**ML120A Bray Head**	**SL097A Red Callavia Sst**	Rhinog	Church Point	Anti Atlas	Random
Redmans		**0.097**	**0.238**	0.002	0.000	0.000	0.005	0.000	0.012	0.000	0.000
Dolcynafon	**0.097**		0.024	0.000	0.000	0.000	**0.179**	0.000	0.034	0.000	0.000
Gander	**0.238**	0.024		0.007	0.000	0.000	0.000	0.000	0.008	0.000	0.000
Watch Hill	0.002	0.000	0.007		**0.135**	0.014	0.000	0.000	0.000	0.000	0.000
ML120A 2014 Bray Head	0.000	0.000	0.000	**0.135**		**0.531**	0.000	0.000	0.000	0.000	0.000
ML120A Bray Head	0.000	0.000	0.000	0.014	**0.531**		0.000	0.000	0.000	0.000	0.000
SL097A Red Callavia Sst	0.005	**0.179**	0.000	0.000	0.000	0.000		0.000	0.008	0.000	0.004
Rhinog	0.000	0.000	0.000	0.000	0.000	0.000	0.000		0.000	0.000	0.000
Church Point	0.012	0.034	0.008	0.000	0.000	0.000	0.008	0.000		0.000	0.000
Anti Atlas	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000		0.000
Random	0.000	0.000	0.000	0.000	0.000	0.000	0.004	0.000	0.000	0.000	

D-values using error in the CDF

	Redmans	Dolcynafon	Gander	Watch Hill	ML120A 2014 Bray Head	**ML120A Bray Head**	**SL097A Red Callavia Sst**	Rhinog	Church Point	Anti Atlas	Random
Redmans		0.213	0.163	0.335	0.480	0.439	0.307	0.689	0.271	0.435	0.531
Dolcynafon	0.213		0.173	0.311	0.451	0.441	0.153	0.528	0.187	0.402	0.420
Gander	0.163	0.173		0.204	0.344	0.316	0.316	0.590	0.184	0.360	0.557
Watch Hill	0.335	0.311	0.204		0.166	0.228	0.422	0.614	0.300	0.252	0.667
ML120A 2014 Bray Head	0.480	0.451	0.344	0.166		0.115	0.577	0.728	0.446	0.241	0.822
ML120A Bray Head	0.439	0.441	0.316	0.228	0.115		0.580	0.754	0.497	0.266	0.824
SL097A Red Callavia Sst	0.307	0.153	0.316	0.422	0.577	0.580		0.535	0.224	0.405	0.316
Rhinog	0.689	0.528	0.590	0.614	0.728	0.754	0.535		0.524	0.689	0.710
Church Point	0.271	0.187	0.184	0.300	0.446	0.497	0.224	0.524		0.278	0.376
Anti Atlas	0.435	0.402	0.360	0.252	0.241	0.266	0.405	0.689	0.278		0.585
Random	0.531	0.420	0.557	0.667	0.822	0.824	0.316	0.710	0.376	0.585	

K-S P-values for no error

	Redmans	Dolcynafon	Gander	Watch Hill	ML120A 2014 Bray Head	**ML120A Bray Head**	**SL097A Red Callavia Sst**	Rhinog	Church Point	Anti Atlas	Random
Redmans		0.027	**0.214**	0.001	0.000	0.000	0.001	0.000	0.004	0.000	0.000
Dolcynafon	0.027		0.015	0.000	0.000	0.000	**0.137**	0.000	0.032	0.000	0.000
Gander	**0.214**	0.015		0.002	0.000	0.000	0.000	0.000	0.002	0.000	0.000
Watch Hill	0.001	0.000	0.002		**0.079**	0.008	0.000	0.000	0.000	0.000	0.000
ML120A 2014 Bray Head	0.000	0.000	0.000	**0.079**		**0.528**	0.000	0.000	0.000	0.000	0.000
ML120A Bray Head	0.000	0.000	0.000	0.008	**0.528**		0.000	0.000	0.000	0.000	0.000
SL097A Red Callavia Sst	0.001	**0.137**	0.000	0.000	0.000	0.000		0.000	0.005	0.000	0.001
Rhinog	0.000	0.000	0.000	0.000	0.000	0.000	0.000		0.000	0.000	0.000
Church Point	0.004	0.032	0.002	0.000	0.000	0.000	0.005	0.000		0.000	0.000
Anti Atlas	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000		0.000
Random	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	

D-values for no error

	Redmans	Dolcynafon	Gander	Watch Hill	ML120A 2014 Bray Head	**ML120A Bray Head**	**SL097A Red Callavia Sst**	Rhinog	Church Point	Anti Atlas	Random
Redmans		0.255	0.167	0.344	0.488	0.440	0.353	0.718	0.300	0.435	0.583
Dolcynafon	0.255		0.182	0.321	0.451	0.446	0.162	0.567	0.189	0.408	0.451
Gander	0.167	0.182		0.222	0.349	0.333	0.316	0.603	0.203	0.365	0.561
Watch Hill	0.344	0.321	0.222		0.181	0.240	0.422	0.638	0.303	0.261	0.667
ML120A 2014 Bray Head	0.488	0.451	0.349	0.181		0.115	0.577	0.738	0.446	0.241	0.822
ML120A Bray Head	0.440	0.446	0.333	0.240	0.115		0.580	0.767	0.520	0.291	0.825
SL097A Red Callavia Sst	0.353	0.162	0.316	0.422	0.577	0.580		0.569	0.235	0.414	0.354
Rhinog	0.718	0.567	0.603	0.638	0.738	0.767	0.569		0.572	0.707	0.723
Church Point	0.300	0.189	0.203	0.303	0.446	0.520	0.235	0.572		0.294	0.384
Anti Atlas	0.435	0.408	0.365	0.261	0.241	0.291	0.414	0.707	0.294		0.600
Random	0.583	0.451	0.561	0.667	0.822	0.825	0.354	0.723	0.384	0.600	

Precambrian grains only

K-S P-values using error in the CDF

	Redmans	Dolcynafon	Gander	Watch Hill	ML120A 2014 Bray Head	**ML120A Bray Head**	**SL097A Red Callavia Sst**	Rhinog	Church Point	Anti Atlas	Random
Redmans		**0.743**	**0.054**	0.000	0.000	0.000	0.042	0.011	**0.062**	0.000	0.000
Dolcynafon	**0.743**		0.035	0.000	0.000	0.000	**0.070**	0.022	0.037	0.000	0.000
Gander	**0.054**	0.035		0.008	0.000	0.001	0.000	0.005	0.002	0.000	0.000
Watch Hill	0.000	0.000	0.008		**0.681**	**0.276**	0.000	0.019	0.000	0.004	0.000
ML120A 2014 Bray Head	0.000	0.000	0.000	**0.681**		**0.491**	0.000	0.002	0.000	0.000	0.000
ML120A Bray Head	0.000	0.000	0.001	**0.276**	**0.491**		0.000	0.001	0.000	0.000	0.000
SL097A Red Callavia Sst	0.042	**0.070**	0.000	0.000	0.000	0.000		0.020	0.005	0.000	0.001
Rhinog	0.011	0.022	0.005	0.019	0.002	0.001	0.020		**0.369**	0.009	0.000
Church Point	**0.062**	0.037	0.002	0.000	0.000	0.000	0.005	**0.369**		0.001	0.000
Anti Atlas	0.000	0.000	0.000	0.004	0.000	0.000	0.000	0.009	0.001		0.000
Random	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	

D-values using error in the CDF

	Redmans	Dolcynafon	Gander	Watch Hill	ML120A 2014 Bray Head	**ML120A Bray Head**	**SL097A Red Callavia Sst**	Rhinog	Church Point	Anti Atlas	Random
Redmans		0.123	0.217	0.402	0.489	0.432	0.253	0.330	0.229	0.434	0.544
Dolcynafon	0.123		0.180	0.322	0.393	0.364	0.196	0.268	0.201	0.371	0.510
Gander	0.217	0.180		0.213	0.290	0.237	0.363	0.278	0.221	0.334	0.641
Watch Hill	0.402	0.322	0.213		0.106	0.147	0.462	0.276	0.331	0.218	0.744
ML120A 2014 Bray Head	0.489	0.393	0.290	0.106		0.119	0.556	0.330	0.415	0.256	0.838
ML120A Bray Head	0.432	0.364	0.237	0.147	0.119		0.542	0.338	0.446	0.268	0.824
SL097A Red Callavia Sst	0.253	0.196	0.363	0.462	0.556	0.542		0.274	0.251	0.388	0.353
Rhinog	0.330	0.268	0.278	0.276	0.330	0.338	0.274		0.158	0.258	0.539
Church Point	0.229	0.201	0.221	0.331	0.415	0.446	0.251	0.158		0.216	0.423
Anti Atlas	0.434	0.371	0.334	0.218	0.256	0.268	0.388	0.258	0.216		0.587
Random	0.544	0.510	0.641	0.744	0.838	0.824	0.353	0.539	0.423	0.587	

K-S P-values for no error

	Redmans	Dolcynafon	Gander	Watch Hill	ML120A 2014 Bray Head	**ML120A Bray Head**	**SL097A Red Callavia Sst**	Rhinog	Church Point	Anti Atlas	Random
Redmans		**0.370**	0.045	0.000	0.000	0.000	0.008	0.011	0.020	0.000	0.000
Dolcynafon	**0.370**		0.022	0.000	0.000	0.000	0.049	0.008	0.034	0.000	0.000
Gander	0.045	0.022		0.003	0.000	0.000	0.000	0.001	0.000	0.000	0.000
Watch Hill	0.000	0.000	0.003		**0.590**	**0.191**	0.000	0.006	0.000	0.003	0.000
ML120A 2014 Bray Head	0.000	0.000	0.000	**0.590**		**0.488**	0.000	0.001	0.000	0.000	0.000
ML120A Bray Head	0.000	0.000	0.000	**0.191**	**0.488**		0.000	0.001	0.000	0.000	0.000
SL097A Red Callavia Sst	0.008	0.049	0.000	0.000	0.000	0.000		0.010	0.003	0.000	0.000
Rhinog	0.011	0.008	0.001	0.006	0.001	0.001	0.010		**0.209**	0.002	0.000
Church Point	0.020	0.034	0.000	0.000	0.000	0.000	0.003	**0.209**		0.000	0.000
Anti Atlas	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.002	0.000		0.000
Random	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	

D-values for no error

	Redmans	Dolcynafon	Gander	Watch Hill	ML120A 2014 Bray Head	**ML120A Bray Head**	**SL097A Red Callavia Sst**	Rhinog	Church Point	Anti Atlas	Random
Redmans		0.165	0.223	0.411	0.498	0.433	0.303	0.330	0.264	0.434	0.596
Dolcynafon	0.165		0.190	0.332	0.395	0.369	0.206	0.299	0.203	0.382	0.545
Gander	0.223	0.190		0.234	0.295	0.259	0.363	0.312	0.247	0.340	0.646
Watch Hill	0.411	0.332	0.234		0.114	0.160	0.462	0.305	0.335	0.226	0.746
ML120A 2014 Bray Head	0.498	0.395	0.295	0.114		0.119	0.556	0.345	0.415	0.256	0.838
ML120A Bray Head	0.433	0.369	0.259	0.160	0.119		0.542	0.354	0.468	0.289	0.825
SL097A Red Callavia Sst	0.303	0.206	0.363	0.462	0.556	0.542		0.294	0.263	0.398	0.379
Rhinog	0.330	0.299	0.312	0.305	0.345	0.354	0.294		0.184	0.292	0.562
Church Point	0.264	0.203	0.247	0.335	0.415	0.468	0.263	0.184		0.233	0.432
Anti Atlas	0.434	0.382	0.340	0.226	0.256	0.289	0.398	0.292	0.233		0.603
Random	0.596	0.545	0.646	0.746	0.838	0.825	0.379	0.562	0.432	0.603	

Tables on the left hand side show probabilities that two samples could be drawn from the same population. Values that fail to reject the null hypothesis (drawn from the same population) are highlighted.

Tables on the right hand side show values of the K-S test statistic *D*, which measures the maximum difference in cumulative probability between two samples, coloured by magnitude. Hot colours represent samples that are more similar.

Tables of K-S test results prepared using macros made available by GUYNN, J. & GEHRELS, G.E. 2010. Comparison of Detrital Zircon Age Distributions Using the K-S Test,
P and D values for no error in the CDF represent a more rigorous application of the K-S test and lead to more frequent rejection of the null hypothesis. (Differences between the two methods are highlighted in pale red..

Raw data used in K-S tests

Redmans		PothierDolCynAfon		WilnerGander		WaldronLakeDist		Waldron'14 ML120A		ML120A		SL097A		Waldron Rhinog		Waldron Nickerson		Anti Atlas		Pollock Random	
Age	Error (1σ)	Age	Error (1σ)	Age	Error (1σ)	Age	Error (1σ)	Age	Error (1σ)	Age	Error (1σ)	Age	Error (1σ)	Age	Error (1σ)	Age	Error (1σ)	Age	Error (1σ)	Age	Error (1σ)
535	6.5	453.29	12.54	466	4	503.3	8.3	532.1	8.5	561.1	3.85	498.5	6.5	467.3	9	524.5	10.1	2202	8.5	542	9.5
554	11.5	457.20	14.69	488	5	514.7	8.7	535.8	8.9	564.4	5.5	504.5	5.5	472.4	9	526.1	9.2	2149	6	545	18.5
559	11	458.59	14.06	495	5	516.6	8.6	541.6	8.6	574.5	6	505	12.5	474.8	9	529.2	9.5	2091	10.5	562	5.5
567	8.5	478.80	14.66	496	5	517.5	8.7	547.6	9.2	588.8	6.5	520.1	7	478.0	9	530.7	9.2	2069	17	584	10
571	9	491.47	15.84	496	4	520.3	7.9	557.9	8.6	593.8	3.35	520.9	7.5	479.8	9	531.0	9.6	1927	13.5	591	11.5
578	7.5	492.55	18.37	503	5	524.0	9.4	581.4	10.2	595.7	6.5	529.2	5.5	481.4	8	531.5	9.4	2200	14.5	593	8.5
583	9	504.81	18.19	505	4	525.2	8.3	591.3	9.9	603.4	5.5	531.7	7	487.1	9	532.1	9.9	2206	8	593	10
587	10	508.06	16.64	505	5	531.3	8.5	596.3	9.7	641.2	6.5	533.7	7.5	487.9	9	532.2	8.9	2079	6	593	9
594	9	520.62	12.87	507	4	535.5	9.6	602.0	10.0	642.4	4.85	534.1	7.5	488.3	9	533.6	9.2	2178	11.5	598	13
594	33.5	523.70	14.47	512	4	535.7	9.3	603.3	10.7	644.1	3.95	535	7	490.8	9	535.1	8.6	2420	15	600	10.5
613	8.5	525.78	17.29	518	5	547.1	9.3	603.6	9.3	644.2	7	537.7	6	490.8	9	536.4	9.3	2199	12	602	8
615	10.5	528.36	11.47	518	4	556.4	8.7	608.4	10.3	644.4	6.5	538.3	7	490.9	9	538.2	9.2	2746	15	604	8.5
616	24	532.95	16.97	519	5	560.0	10.2	610.8	9.2	645.6	6.5	541.6	5	492.5	9	538.8	10.2	2075	13	605	6.5
622	11	535.31	16.16	521	5	563.9	10.8	616.9	11.1	646.6	4.9	545.4	6	493.1	9	540.5	10.4	2077	12	605	12
636	8.5	536.33	14.37	523	4	564.7	9.4	628.1	10.4	652.9	4.1	549.2	6.5	494.5	9	541.8	9.4	2462	9.5	607	11.5
639	8.5	536.54	12.75	523	4	571.4	9.3	638.7	11.7	681.2	5	550.1	4.9	495.4	9	542.3	9.0	2283	13.5	607	10
644	20	537.40	17.49	524	4	573.4	9.1	639.5	12.3	683	6.5	550.6	7	496.3	9	542.5	11.4	2514	8	608	9.5
644	15.5	540.11	13.38	524	5	580.5	9.4	639.7	11.7	772.8	6	551.5	8	496.5	10	542.8	10.3	2087	6.5	609	8.5
655	12.5	541.19	15.05	526	4	582.8	11.3	1072.4	12.0	797.1	5.5	552.9	7	497.4	9	543.4	8.9	1948	5.5	610	11
657	24.5	544.62	17.43	529	4	587.6	10.5	1122.9	11.1	955	25	553.1	6.5	497.5	9	544.7	9.2	2100	8	610	7.5
666	60	549.20	17.32	529	5	588.6	9.8	1139.4	10.2	996	25	555.1	6.5	498.1	10	545.3	8.7	2205	13	611	9.5
668	12	559.82	17.52	531	6	593.7	9.9	1154.5	10.5	1020	24	555.7	7	498.3	9	545.3	9.8	2343	7	613	11
669	17.5	561.50	13.88	532	5	593.9	9.9	1158.2	10.2	1161	34	555.7	7	498.5	11	547.3	12.0	2319	11	613	9
674	37	567.19	18.69	533	4	595.8	10.0	1174.9	11.0	1161	20	557	7	498.5	10	551.4	8.6	2055	9	613	11
685	16.5	570.50	15.72	534	10	601.7	9.1	1176.5	10.6	1162	20	558	7	499.5	10	552.6	10.1	2080	8.5	614	10
714	36.5	570.59	15.32	537	4	614.8	9.3	1207.5	10.4	1196	15	558.8	7.5	500.0	10	552.7	10.0	2432	16.5	618	10.5
715	49.5	571.38	24.01	538	5	615.9	9.5	1226.3	10.7	1204	19	559.3	5.5	501.5	10	553.3	9.9	1905	14.5	618	12
779	60	572.61	17.43	538	5	618.2	10.0	1231.0	11.1	1204	19	560	7.5	501.9	10	553.9	9.7	2006	13.5	618	6.5
975	10.5	577.41	17.68	539	6	620.2	11.4	1236.1	10.3	1228	23	562	4.9	502.6	9	554.1	9.4	2443	10	619	6.5
1036	29	577.61	13.75	539	5	634.3	10.1	1255.4	17.0	1233	31.5	563	6.5	505.2	10	555.7	12.2	1857	12	620	8
1046	13	578.20	19.01	540	4	678.1	11.7	1256.2	10.0	1244	16	565.2	6.5	505.4	10	556.7	10.5	2105	8.5	621	8.5
1049	11.5	579.24	19.28	542	5	709.9	11.4	1290.8	10.5	1249	8	567	8.5	505.7	10	557.7	10.0	2028	7	621	9.5
1186	19.5	580.06	15.21	542	4	906.1	16.2	1328.7	11.6	1324	11	568	6.5	505.9	9	557.8	9.8	2936	7.5	626	11
1215	13	581.07	21.89	544	5	1149.5	10.3	1338.2	9.9	1324	14.5	568	6.5	506.1	9	558.1	10.0	2096	8	628	17
1272	10.5	581.21	20.37	551	4	1155.4	10.2	1350.5	10.1	1353	26	568.6	7	506.7	9	558.7	9.8	2013	9.5	628	8
1324	14	581.57	20.79	553	4	1238.1	10.4	1375.4	9.9	1355	22	571.7	7	508.5	10	560.2	13.7	2090	9.5	628	8
1392	14	583.92	14.63	553	5	1240.3	11.2	1385.6	10.7	1359	21	574	5	508.6	9	560.4	10.1	2220	11.5	629	9.5
1494	13	586.42	15.30	555	6	1258.2	25.5	1401.2	12.8	1404	18.5	578	7	508.7	9	560.9	9.5	2077	11.5	633	8
1540	55	587.11	17.66	556	5	1263.0	10.0	1441.5	10.9	1437	11	579	11	509.1	10	566.2	11.9	2110	9.5	634	8
1551	13	589.88	15.22	556	6	1339.9	9.8	1452.7	9.7	1450	9	583.9	7.5	509.4	10	566.5	9.8	2021	5	635	8
1594	48.5	590.40	16.73	557	5	1347.1	10.0	1453.1	10.0	1461	16	584	9	509.6	9	570.2	13.9	2020	7.5	637	10
2042	18	592.42	15.26	565	6	1351.7	10.9	1491.9	12.5	1485	14	585	9	510.3	11	573.7	9.6	2108	10	643	6
2143	9.5	594.44	15.19	570	4	1352.2	10.4	1503.3	9.5	1487	16	589.4	6	510.7	9	575.4	9.8	2538	6.5	647	11.5
2146	14	594.80	19.13	573	6	1460.9	10.0	1504.2	11.5	1489	14.5	591	9.5	511.3	10	576.9	11.7	2064	5.5	653	11.5
2151	13	596.90	14.76	574	5	1471.5	14.7	1505.3	9.6	1491	18	593	7.5	511.3	10	580.2	11.8	2105	9.5	655	9
2198	12	597.26	19.40	575	5	1487.1	10.7	1512.8	9.5	1496	12.5	593.8	5.5	511.7	9	582.7	10.6	2527	7.5	655	10.5
2220	20.5	599.05	17.87	576	5	1496.3	9.9	1523.8	12.2	1496	44	594	6.5	511.7	10	583.0	10.4	2087	6.5	719	22
2235	9.5	606.09	22.97	577	7	1500.9	10.0	1525.7	10.9	1497	10	596	8.5	512.1	8	585.1	9.7	2129	5.5		
		608.68	16.22	578	5	1501.1	9.9	1539.3	9.8	1502	18.5	597.1	5.5	512.4	9	585.2	9.0	1809	7.5		
		611.30	21.92	580	6	1512.0	10.0	1557.9	10.5	1510	10	597.6	7.5	513.1	9	586.3	9.6	2561	5		
		613.41	19.41	581	5	1512.7	10.3	1563.7	9.8	1513	15.5	598.7	8	513.2	10	588.6	10.2	2322	6		
		613.44	24.96	581	5	1521.6	10.6	1568.3	9.6	1519	17	603.2	6.5	514.4	10	589.6	11.7	2392	4.5		
		615.83	17.90	585	4	1523.1	10.9	1573.9	9.8	1526	10	610	5	514.6	10	592.9	10.2	2513	5		
		618.89	20.21	585	5	1527.7	9.6	1580.8	9.8	1545	15	611.4	7.5	514.7	10	594.8	11.7	1969	15		
		622.50	21.52	588	5	1536.3	9.8	1583.5	9.6	1576	11	612	9	514.8	9	594.8	10.4	1825	7.5		
		624.00	15.06	590	5	1542.3	9.5	1584.9	10.1	1585	19	625	8	515.1	11	596.3	11.7	608	4.5		
		642.31	17.29	591	5	1597.9	10.1	1605.1	10.6	1757	17.5	631	7	515.8	10	596.7	9.6	579	4.5		
		657.16	16.73	594	5	1598.3	10.7	1680.1	9.4	1779	15	633.3	7.5	516.0	9	598.7	10.1	598	4.5		
		667.87	19.07	594	6	1603.0	9.5	1684.9	10.2	1782	16.5	638.6	7.5	516.8	9	606.3	10.6	1905	13		
		670.38	20.95	595	5	1620.5	9.4	1776.0	9.6	1784	15.5	640.1	6	516.8	10	606.9	12.4	2111	8.5		
		670.49	19.83	598	6	1736.7	9.7	1783.1	9.7	1792	17.5	640.8	8	517.2	9	606.9	20.0	633	4.5		
		676.04	21.20	598	5	1746.2	9.6	1786.7	9.2	1793	15.5	645	9.5	517.5	10	607.9	10.7	2722	7		
		687.61	19.12	599	5	1775.7	9.2	1808.0	9.2	1794	9	651	10.5	517.6	10	610.7	10.2	612	5		
		719.46	19.82	599	5	1791.1	9.5	1808.2	9.8	1796	15.5	654	8.5	517.7	9	614.0	11.4	603	5.5		
		719.73	26.04	601	7	1801.3	9.2	1808.6	9.6	1821	15	656	9.5	518.0	9	614.2	10.7	2106	7		
		736.75	18.27	601	5	1802.8	9.3	1828.2	9.6	1826	19	667.3	6.5	519.4	10	614.3	10.4	640	4		
		745.00	23.83	601	5	1862.8	9.3	1832.1	9.6	1827	16	671	7.5	520.8	10	616.2	11.5	1830	17		
		1023.46	12.73	601	5	1900.2	9.2	1841.4	9.3	1840	8	684.5	5.5	521.1	10	617.1	11.1	2173	9.5		
		1119.99	10.96	602	5	1955.6	9.2	1842.6	9.3	1845	17	690.7	8	521.7	10	621.2	9.7	2016	7.5		

Raw data used in K-S tests

Redmans		PothierDolCynAfon		WilnerGander		WaldronLakeDist		Waldron'14 ML120A		ML120A		SL097A		Waldron Rhinog		Waldron Nickerson		Anti Atlas		Pollock Random	
Age	Error (1σ)	Age	Error (1σ)	Age	Error (1σ)	Age	Error (1σ)	Age	Error (1σ)	Age	Error (1σ)	Age	Error (1σ)	Age	Error (1σ)	Age	Error (1σ)	Age	Error (1σ)	Age	Error (1σ)
		1154.52	12.24	602	5	1977.0	9.1	1867.1	9.9	1877	14	703	9.5	521.9	9	621.2	12.7	2080	8.5		
		1157.80	11.57	602	5	2015.0	9.0	1950.2	9.8	1917	16.5	704	9.5	522.0	9	622.3	11.3	2085	7.5		
		1214.53	10.38	603	5	2034.5	9.1	1991.5	9.0	1924	14	706	8.5	524.6	10	628.0	10.5	644	5.5		
		1217.05	10.36	604	5	2037.0	13.6	1995.9	9.0	1989	27.5	708	9.5	524.6	9	630.0	11.2	2056	5		
		1217.38	10.52	604	4	2059.2	9.9	2037.0	9.1	1996.9	4.85	719.9	8.5	524.9	12	630.8	11.6	1907	6.5		
		1265.63	17.21	604	5	2101.3	8.9	2043.7	9.1	2013	19	1205	16	525.3	9	644.1	11.2	2128	5		
		1312.86	9.94	605	5	2102.6	9.3	2045.4	9.0	2014	13.5	1284	17	526.2	10	647.2	11.4	2374	10.5		
		1333.44	10.33	606	6	2106.0	8.9	2064.6	8.9	2019	15	1383	17	527.7	13	655.5	11.4	662	6		
		1350.21	10.09	607	5	2115.1	9.0	2071.5	9.0	2024	18	1552	15	527.9	9	732.0	13.0	593	5		
		1368.73	9.91	607	5	2127.9	8.8	2077.8	8.9	2029	13.5	1674	12	529.1	10	1149.8	17.4	624	6		
		1369.32	9.86	607	6	2130.0	9.0	2123.7	9.6	2053	13.5	1740.9	9.5	529.7	9	1201.9	10.6	612	6		
		1476.96	9.67	610	5	2130.8	9.3	2203.5	10.6	2055	15.5	1818	13.5	531.8	10	1215.5	11.3	611	5.5		
		1490.04	10.80	610	5	2225.6	8.8	2212.7	9.8	2065	17	1858	11	532.1	9	1348.0	10.0	637	5.5		
		1519.06	9.82	613	5	2432.9	11.2	2232.6	8.9	2068	16.5	1867	13	532.2	10	1481.1	9.9	613	5		
		1539.77	10.03	614	5	2449.7	8.7	2458.8	9.4	2091	15.5	1868	13	532.7	9	1757.7	9.7	2193	9.5		
		1571.81	9.86	617	5	2469.6	12.2	2469.1	9.7	2108	15	1898	13.5	532.8	10	1926.2	9.3	637	6.5		
		1584.67	9.59	619	5	2572.6	9.3	2482.6	8.5	2112	13.5	1963.4	10.5	533.7	13	1950.8	11.2	617	5		
		1618.31	9.74	620	12	2629.0	8.5	2506.0	9.6	2122	9	1980	12.5	535.1	8	1992.1	9.3	591	4.5		
		1757.65	10.20	620	5	2635.7	8.6	2572.5	8.9	2147	14	1994	12.5	535.4	10	2021.8	8.9	634	5.5		
		1771.12	9.24	620	5	2656.4	8.4	2578.9	12.0	2436.9	4.95	2004	15.5	536.1	9	2028.4	9.1	2078	6		
		1832.22	9.45	624	5	2690.9	9.0	2603.5	9.9	2465	8.5	2004	11.5	537.4	9	2039.3	9.6	714	6		
		1857.84	9.45	624	5	2713.4	8.6	2620.6	9.5	2583	5	2017	16	537.6	10	2045.4	9.0	591	6		
		1861.92	9.25	627	5	2725.3	8.3	2654.5	10.2	2607	6.5	2025	12.5	537.7	9	2046.8	9.0	606	5.5		
		1901.75	9.23	628	5	2735.3	8.3	2656.3	8.9	2620	13	2042	8	538.0	9	2047.3	9.7	618	5.5		
		2003.64	8.93	633	5	2841.8	8.2	2662.8	9.6	2654	6.5	2089	10.5	542.3	9	2049.9	11.7	616	6		
		2018.30	9.15	636	5	2876.1	8.5	2698.7	8.5	2674.4	12	2121	14.5	543.1	9	2051.6	9.3	598	5.5		
		2026.35	9.39	636	6	2979.2	8.1	2703.9	8.5	2708	15.5	2491	12	543.3	9	2054.5	9.7	1970	9.5		
		2069.84	9.06	642	6			2719.7	8.5	2743	5.5	2579	10.5	543.7	10	2056.3	8.9	2221	8		
		2131.15	9.04	643	5			2726.7	8.5			2685.5	10	544.1	9	2060.7	8.9	2289	10		
		2161.60	9.08	645	5			2740.0	8.5					545.3	10	2064.3	9.1	2515	4.5		
		2208.86	9.07	647	6			2750.7	8.4					548.5	9	2064.8	9.2	2087	11.5		
		2630.83	8.65	651	9			3009.1	8.7					550.6	9	2065.3	9.1	610	5		
		2646.26	10.79	666	5									551.9	9	2069.0	8.9	1955	9		
		2652.21	8.85	666	6									552.1	9	2070.4	9.2	1795	11.5		
		2696.86	8.62	670	6									553.8	11	2073.1	9.7	2261	6.5		
		2703.25	8.42	749	7									554.3	10	2074.9	8.9	2454	7		
		2822.25	8.79	767	6									558.2	10	2080.1	9.3	661	6		
		2976.27	8.23	774	7									558.9	11	2083.2	9.3	616	4		
		3396.92	7.88	818	7									562.6	11	2093.2	9.1	2166	8		
				922	7									562.8	9	2105.1	10.2	614	5		
				928	8									566.1	10	2117.6	10.5	2031	8		
				949	8									572.6	9	2132.6	9.0	610	6.5		
				958	8									651.6	11	2142.8	12.3	1789	11		
				963	7									652.5	11	2175.0	22.3	2218	10.5		
				974	8									659.0	14	2189.5	10.0	1923	6.5		
				976	8									679.0	12	2210.1	9.8	2210	9.5		
				985	8									707.7	14	2251.7	9.2	1940	7		
				1006	29									1453.3	11	2327.8	9.4	2130	13.5		
				1010	22									1565.0	10	2468.9	13.1	2066	12		
				1011	29									1803.2	9	2620.4	11.7	1819	9.5		
				1015	18									1876.6	12	2742.5	9.7	2450	6.5		
				1040	7									1881.1	10	2795.3	8.3	2032	9		
				1052	9									1966.6	9	2806.7	8.6	616	5		
				1058	22									1980.8	9	2880.7	8.4	2088	5.5		
				1061	35									2002.4	10	2969.4	8.2	2343	14		
				1067	31									2020.0	9	3036.8	11.1	2194	7.5		
				1092	162									2021.9	9			2516	8		
				1128	30									2042.4	9			624	11.5		
				1137	62									2044.1	9			1947	8.5		
				1147	44									2057.5	10			2055	25.5		
				1155	46									2069.9	9			1934	10		
				1160	12									2074.0	10			1986	6		
				1166	16									2080.9	11			2456	11		
				1203	18									2089.4	9			2021	8.5		
				1223	19									2470.5	9			2264	17		
				1225	22									2625.4	9			2422	8.5		
				1227	13									2641.7	8			2542	8		
				1229	11									2728.3	8			2042	7		
				1229	19									2736.9	8			2487	9		

Raw data used in K-S tests

Redmans		PothierDolCynAfon		WilnerGander		WaldronLakeDist		Waldron'14 ML120A		ML120A		SL097A		Waldron Rhinog		Waldron Nickerson		Anti Atlas		Pollock Random	
Age	Error (1σ)	Age	Error (1σ)	Age	Error (1σ)	Age	Error (1σ)	Age	Error (1σ)	Age	Error (1σ)	Age	Error (1σ)	Age	Error (1σ)	Age	Error (1σ)	Age	Error (1σ)	Age	Error (1σ)
				1231	15									2740.6	9			2262	13.5		
				1287	34									2914.6	8			2197	21.5		
				1295	33									2980.0	9			2120	7		
				1301	26													671	7.5		
				1352	15													2228	16		
				1385	13													2048	12		
				1466	7													2192	7		
				1485	9													2052	8.5		
				1486	7													1960	6.5		
				1492	12													2497	8		
				1497	19													2259	38.5		
				1500	16													2389	5.5		
				1501	10													1847	21.5		
				1503	60													1908	8.5		
				1504	23													2448	9		
				1505	18													633	5.5		
				1506	11													607	5.5		
				1507	39													2164	34.5		
				1511	14													1819	6.5		
				1513	13													590	6		
				1517	9													601	5.5		
				1519	12													2215	12		
				1520	16													2119	11		
				1522	13													588	5		
				1527	11													582	6		
				1529	10													695	7		
				1534	6													622	6.5		
				1534	11													640	6		
				1537	13													632	6.5		
				1548	9													602	5.5		
				1552	10													640	7.5		
				1564	8													685	7.5		
				1568	8													650	6.5		
				1637	27													619	6		
				1643	7													616	5.5		
				1661	17													690	8		
				1728	13													608	6		
				1745	30													627	5.5		
				1746	15													655	6.5		
				1776	25													2052	6.5		
				1787	30													699	7		
				1804	22													638	6.5		
				1805	19													613	7.5		
				1812	19													2229	9.5		
				1820	15													685	7		
				1837	18													583	7		
				1838	18													671	6.5		
				1845	11													2610	7		
				1858	26													591	7		
				1864	9													593	5		
				1872	11													583	9.5		
				1873	36													617	5.5		
				1877	6													627	6.5		
				1884	10													641	6.5		
				1889	15													773	9		
				1889	9													630	6.5		
				1906	11													633	6		
				1917	7													638	6		
				1942	13													629	6.5		
				1954	13													633	7		
				1955	20													2084	7.5		
				1975	12													643	6.5		
				1975	6													2068	7		
				2006	13													612	4		
				2006	9													2169	8		
				2014	9													2152	5.5		
				2023	14													2087	8		
				2032	10													2114	3.5		
				2041	8													2198	12		

Raw data used in K-S tests

Redmans		PothierDolCynAfon		WilnerGander		WaldronLakeDist		Waldron'14 ML120A		ML120A		SL097A		Waldron Rhinog		Waldron Nickerson		Anti Atlas		Pollock Random	
Age	Error (1σ)	Age	Error (1σ)	Age	Error (1σ)	Age	Error (1σ)	Age	Error (1σ)	Age	Error (1σ)	Age	Error (1σ)	Age	Error (1σ)	Age	Error (1σ)	Age	Error (1σ)	Age	Error (1σ)
				2044	8													2227	5.5		
				2060	20													609	5		
				2061	10													619	5		
				2061	9													2046	5		
				2066	11													2114	6.5		
				2072	17													2114	6.5		
				2074	7													2039	6.5		
				2083	17													2012	8.5		
				2083	6													2028	8		
				2087	9													2054	7		
				2100	7													2036	11.5		
				2106	13													2054	6.5		
				2112	7													2054	10.5		
				2142	11													2068	6.5		
				2178	7													2180	5.5		
				2469	6													2118	7.5		
				2524	8													2044	8		
				2609	13													2095	6.5		
				2613	7													2076	20		
				2613	10													2117	11.5		
				2617	5													2039	9		
				2619	5													574	7.5		
				2619	9													552	7.5		
				2643	6													558	6.5		
				2656	5													592	7		
				2691	8													546	7		
				2710	6													543	6.5		
				2747	7													550	7		
				3022	6													567	5.5		
				3399	7													574	7.5		
																		599	5		
																		584	5.5		
																		556	5		
																		581	6		
																		579	6.5		
																		563	5		
																		570	5.5		
																		596	5.5		
																		590	5		
																		621	6		
																		579	6		
																		564	5		
																		563	5		
																		2037	7.5		
																		561	5.5		
																		552	5		
																		556	5.5		
																		586	6		
																		557	5.5		
																		555	5		
																		554	5		
																		560	8		
																		2121	8.5		
																		585	5.5		
																		580	6		
																		540	5.5		
																		556	6.5		
																		548	6		
																		544	5		
																		543	5		

Sources for supplementary data

Detrital zircon data were compiled from the following sources. (a) Redmans Fm, Avalon Terrane, Newfoundland (Pollock, Hibbard & Sylvester, 2009),. (b) Dol-cyn-afon Fm., Cymru Terrane, Wales. (Pothier et al., 2015) (c) Gander Gp., Gander Terrane, Newfoundland (Willner et al., 2014). (d) Watch Hill Fm., Lakesman Terrane, England (Waldron et al., 2014). (d) Bray Head Fm. Leinster-Lakesman Terrane, Ireland (Waldron et al., 2014). (e) ML120A Bray Head Fm., this study. (f) SL097 Red Callavia Sandstone, this study. (g) Rhinog Fm. Cymru Terrane, Wales (Waldron et al., 2011). (h) Church Point Fm., Meguma Terrane, Nova Scotia (Waldron et al., 2009). (i) Anti-Atlas belt, Morocco (Abati et al., 2012). (j) Random Fm., Avalon Terrane, Newfoundland (Pollock, Hibbard & Sylvester, 2009).
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