

TABLE DR1. Moreno et al.
TABLE DR1. U-Pb ZIRCON DATA

Analysis ID	Isotopic ratios				Apparent ages				Preferred age (Ma)	± (Ma)	Uncertainty (%)	Discord. (%)
	$^{207}\text{Pb}/^{235}\text{U}$	± (%)	$^{206}\text{Pb}/^{238}\text{U}$	± (%)	$^{206}\text{Pb}/^{238}\text{U}$ (Ma)	± (Ma)	$^{207}\text{Pb}/^{206}\text{Pb}$ (Ma)	± (Ma)				
Umir Formation-Sample 1072-14 (N=103). 73.79034°W 6.24746°N.												
107214_17_Zrn	0.0897	0.004	0.0127	0.001	81.22	4.18	245.91	107.47	81.2	4.2	5.1	67.0
107214_11_Zrn	0.0925	0.003	0.0134	0.001	85.50	4.38	204.61	100.53	85.5	4.4	5.1	58.2
107214_73_Zrn	0.0673	0.003	0.0101	0.001	64.74	3.37	113.40	111.55	64.7	3.4	5.2	42.9
107214_25_Zrn	3.1130	0.146	0.2287	0.014	1327.67	88.37	1610.18	96.63	1610.2	96.6	6.0	17.5
107214_23_Zrn	3.7648	0.128	0.2651	0.013	1515.82	86.66	1680.95	77.62	1680.9	77.6	4.6	9.8
107214_15_Zrn	3.5981	0.125	0.2588	0.013	1483.52	85.41	1639.18	79.32	1639.2	79.3	4.8	9.5
107214_74_Zrn	3.0492	0.103	0.2360	0.012	1365.73	76.89	1501.99	78.94	1502.0	78.9	5.3	9.1
107214_92_Zrn	3.1550	0.109	0.2410	0.012	1392.02	79.22	1526.11	80.06	1526.1	80.1	5.2	8.8
107214_28_Zrn	3.1568	0.107	0.2421	0.012	1397.55	78.96	1516.67	79.11	1516.7	79.1	5.2	7.9
107214_100_Zrn	2.3940	0.083	0.2052	0.010	1203.04	66.87	1305.06	82.44	1305.1	82.4	6.3	7.8
107214_41_Zrn	4.3507	0.147	0.2903	0.015	1642.85	94.81	1779.45	76.56	1779.4	76.6	4.3	7.7
107214_80_Zrn	1.3849	0.047	0.1431	0.007	862.12	46.69	931.56	86.22	862.1	46.7	5.4	7.5
107214_8	4.5334	0.155	0.2983	0.015	1682.67	97.65	1804.43	76.45	1804.4	76.5	4.2	6.7
107214_101_Zrn	2.6002	0.088	0.2174	0.011	1267.99	70.77	1355.13	80.58	1355.1	80.6	5.9	6.4
107214_104_Zrn	3.2457	0.110	0.2487	0.013	1431.68	80.96	1518.13	78.83	1518.1	78.8	5.2	5.7
107214_46_Zrn	3.0233	0.102	0.2387	0.012	1380.14	77.71	1462.20	79.27	1462.2	79.3	5.4	5.6
107214_86_Zrn	3.2332	0.109	0.2481	0.013	1428.61	80.76	1513.53	78.75	1513.5	78.7	5.2	5.6
107214_43_Zrn	1.6442	0.055	0.1622	0.008	968.82	52.85	1025.50	84.50	968.8	52.9	5.5	5.5
107214_99_Zrn	3.2379	0.110	0.2487	0.013	1431.81	81.05	1512.87	79.10	1512.9	79.1	5.2	5.4
107214_57_Zrn	3.3615	0.114	0.2544	0.013	1460.87	83.31	1543.43	79.06	1543.4	79.1	5.1	5.3
107214_64_Zrn	2.5283	0.085	0.2148	0.011	1254.48	69.94	1325.09	80.82	1325.1	80.8	6.1	5.3
107214_30_Zrn	2.9462	0.100	0.2356	0.012	1363.95	76.80	1440.56	79.84	1440.6	79.8	5.5	5.3
107214_59_Zrn	3.6079	0.123	0.2647	0.013	1513.87	86.18	1594.58	78.47	1594.6	78.5	4.9	5.1
107214_78_Zrn	2.0428	0.070	0.1877	0.010	1108.74	61.12	1167.38	83.49	1167.4	83.5	7.2	5.0
107214_96_Zrn	3.1590	0.107	0.2458	0.012	1416.97	80.04	1488.56	79.28	1488.6	79.3	5.3	4.8
107214_56_Zrn	2.9437	0.099	0.2362	0.012	1367.01	76.87	1433.21	79.74	1433.2	79.7	5.6	4.6
107214_12_Zrn	4.1644	0.140	0.2885	0.015	1634.12	93.92	1709.59	76.89	1709.6	76.9	4.5	4.4
107214_9_Zrn	2.6153	0.088	0.2201	0.011	1282.50	71.70	1341.11	80.73	1341.1	80.7	6.0	4.4
107214_81_Zrn	2.9574	0.100	0.2369	0.012	1370.55	77.25	1433.11	80.09	1433.1	80.1	5.6	4.4
107214_19_Zrn	3.4583	0.117	0.2600	0.013	1489.92	84.69	1556.52	78.47	1556.5	78.5	5.0	4.3
107214_47_Zrn	2.1558	0.073	0.1949	0.010	1148.11	63.50	1199.41	82.54	1199.4	82.5	6.9	4.3
107214_76_Zrn	5.5965	0.188	0.3383	0.017	1878.62	110.00	1960.03	74.53	1960.0	74.5	3.8	4.2

Analysis ID	Isotopic ratios				Apparent ages				Preferred age (Ma)	± (Ma)	Uncertainty (%)	Discord. (%)
	$^{207}\text{Pb}/^{235}\text{U}$	± (%)	$^{206}\text{Pb}/^{238}\text{U}$	± (%)	$^{206}\text{Pb}/^{238}\text{U}$ (Ma)	± (Ma)	$^{207}\text{Pb}/^{206}\text{Pb}$ (Ma)	± (Ma)				
107214_62_Zrn	3.1845	0.108	0.2479	0.013	1427.47	80.67	1489.20	79.40	1489.2	79.4	5.3	4.1
107214_79_Zrn	3.1874	0.107	0.2481	0.013	1428.47	80.71	1486.37	79.15	1486.4	79.2	5.3	3.9
107214_54_Zrn	2.0827	0.073	0.1913	0.010	1128.17	62.45	1173.74	84.61	1173.7	84.6	7.2	3.9
107214_53_Zrn	3.2895	0.111	0.2530	0.013	1453.88	82.32	1512.21	78.92	1512.2	78.9	5.2	3.9
107214_44_Zrn	3.3670	0.114	0.2565	0.013	1471.68	83.50	1529.99	78.94	1530.0	78.9	5.2	3.8
107214_102_Zrn	1.6118	0.055	0.1608	0.008	961.49	52.43	998.71	85.09	961.5	52.4	5.5	3.7
107214_26_Zrn	4.3416	0.147	0.2963	0.015	1672.92	96.61	1736.32	76.92	1736.3	76.9	4.4	3.7
107214_66_Zrn	2.1587	0.073	0.1958	0.010	1152.73	63.76	1196.34	82.55	1196.3	82.5	6.9	3.6
107214_63_Zrn	4.1398	0.140	0.2886	0.015	1634.37	93.85	1696.17	76.98	1696.2	77.0	4.5	3.6
107214_91_Zrn	2.6126	0.088	0.2200	0.011	1282.05	71.64	1330.34	80.83	1330.3	80.8	6.1	3.6
107214_5_Zrn	2.6144	0.088	0.2208	0.011	1286.23	71.97	1334.60	80.94	1334.6	80.9	6.1	3.6
107214_36_Zrn	3.1047	0.106	0.2446	0.012	1410.46	79.75	1463.44	79.94	1463.4	79.9	5.5	3.6
107214_16_Zrn	3.6706	0.124	0.2700	0.014	1540.68	87.86	1597.94	77.94	1597.9	77.9	4.9	3.6
107214_88_Zrn	2.5818	0.087	0.2192	0.011	1277.49	71.35	1323.14	80.89	1323.1	80.9	6.1	3.5
107214_72_Zrn	4.9396	0.166	0.3179	0.016	1779.24	103.40	1840.95	75.64	1840.9	75.6	4.1	3.4
107214_52_Zrn	3.2091	0.111	0.2497	0.013	1436.90	81.32	1485.61	80.54	1485.6	80.5	5.4	3.3
107214_98_Zrn	3.1685	0.107	0.2482	0.013	1429.30	80.83	1477.09	79.37	1477.1	79.4	5.4	3.2
107214_49_Zrn	1.5569	0.053	0.1579	0.008	945.10	51.43	975.69	85.19	945.1	51.4	5.4	3.1
107214_42_Zrn	3.9281	0.132	0.2811	0.014	1597.15	91.51	1647.73	77.48	1647.7	77.5	4.7	3.1
107214_93_Zrn	3.4133	0.115	0.2593	0.013	1486.30	84.38	1532.76	78.63	1532.8	78.6	5.1	3.0
107214_61_Zrn	3.2210	0.109	0.2508	0.013	1442.70	81.59	1487.29	79.14	1487.3	79.1	5.3	3.0
107214_75_Zrn	3.4451	0.116	0.2610	0.013	1495.16	84.95	1540.05	78.73	1540.0	78.7	5.1	2.9
107214_70_Zrn	2.8520	0.100	0.2333	0.012	1351.62	76.03	1392.16	82.26	1392.2	82.3	5.9	2.9
107214_10_Zrn	2.5595	0.087	0.2184	0.011	1273.56	71.18	1310.79	81.28	1310.8	81.3	6.2	2.8
107214_48_Zrn	3.2193	0.108	0.2513	0.013	1445.31	81.75	1486.71	79.10	1486.7	79.1	5.3	2.8
107214_18_Zrn	4.0977	0.138	0.2884	0.015	1633.50	93.85	1678.51	77.15	1678.5	77.1	4.6	2.7
107214_85_Zrn	1.5917	0.054	0.1604	0.008	959.02	52.27	985.42	85.08	959.0	52.3	5.4	2.7
107214_13_Zrn	0.5571	0.019	0.0717	0.004	446.60	23.44	458.65	94.22	446.6	23.4	5.2	2.6
107214_51_Zrn	4.1760	0.140	0.2912	0.015	1647.57	94.69	1690.97	76.96	1691.0	77.0	4.6	2.6
107214_35_Zrn	3.4813	0.118	0.2633	0.013	1506.47	85.75	1544.83	78.65	1544.8	78.7	5.1	2.5
107214_97_Zrn	2.9895	0.101	0.2406	0.012	1389.97	78.31	1425.33	79.63	1425.3	79.6	5.6	2.5
107214_31_Zrn	3.7808	0.127	0.2761	0.014	1571.88	89.85	1610.80	77.84	1610.8	77.8	4.8	2.4
107214_105_Zrn	3.4643	0.117	0.2626	0.013	1503.02	85.49	1540.08	78.67	1540.1	78.7	5.1	2.4
107214_32_Zrn	2.9465	0.100	0.2386	0.012	1379.50	77.70	1412.05	80.28	1412.0	80.3	5.7	2.3
107214_3_Zrn	3.3184	0.114	0.2564	0.013	1471.48	83.58	1506.18	79.88	1506.2	79.9	5.3	2.3
107214_40_Zrn	2.4872	0.084	0.2152	0.011	1256.38	70.06	1284.61	81.48	1284.6	81.5	6.3	2.2
107214_38_Zrn	3.4900	0.118	0.2641	0.013	1511.03	86.06	1544.46	78.67	1544.5	78.7	5.1	2.2

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	$^{207}\text{Pb}/^{235}\text{U}$	± (%)	$^{206}\text{Pb}/^{238}\text{U}$	± (%)	$^{206}\text{Pb}/^{238}\text{U}$ (Ma)	± (Ma)	$^{207}\text{Pb}/^{206}\text{Pb}$ (Ma)	± (Ma)				
107214_82_Zrn	1.5679	0.053	0.1588	0.008	949.83	51.75	970.70	85.68	949.8	51.7	5.4	2.1
107214_84_Zrn	3.3924	0.115	0.2597	0.013	1488.49	84.54	1520.77	78.82	1520.8	78.8	5.2	2.1
107214_2_Zrn	3.2564	0.110	0.2538	0.013	1458.28	82.72	1487.00	79.24	1487.0	79.2	5.3	1.9
107214_77_Zrn	4.0656	0.137	0.2882	0.015	1632.42	93.74	1663.62	77.22	1663.6	77.2	4.6	1.9
107214_1_Zrn	1.6112	0.055	0.1623	0.008	969.31	52.95	986.05	85.43	969.3	52.9	5.5	1.7
107214_103_Zrn	2.6388	0.089	0.2237	0.011	1301.29	72.82	1323.42	80.85	1323.4	80.8	6.1	1.7
107214_21_Zrn	3.1676	0.109	0.2505	0.013	1441.02	82.03	1462.85	80.06	1462.8	80.1	5.5	1.5
107214_67_Zrn	3.7893	0.128	0.2778	0.014	1580.25	90.39	1602.62	77.91	1602.6	77.9	4.9	1.4
107214_95_Zrn	3.3591	0.113	0.2595	0.013	1487.33	84.48	1503.40	78.91	1503.4	78.9	5.2	1.1
107214_68_Zrn	2.6483	0.089	0.2246	0.011	1306.08	73.09	1320.08	80.93	1320.1	80.9	6.1	1.1
107214_89_Zrn	3.0672	0.104	0.2461	0.012	1418.14	80.12	1429.86	79.84	1429.9	79.8	5.6	0.8
107214_4_Zrn	3.4705	0.117	0.2653	0.013	1517.03	86.43	1523.14	78.95	1523.1	78.9	5.2	0.4
107214_22_Zrn	2.7899	0.095	0.2328	0.012	1349.19	75.99	1354.15	81.11	1354.1	81.1	6.0	0.4
107214_20_Zrn	3.2819	0.111	0.2572	0.013	1475.28	83.95	1478.66	79.63	1478.7	79.6	5.4	0.2
107214_39_Zrn	3.4620	0.117	0.2656	0.013	1518.45	86.61	1518.23	78.89	1518.2	78.9	5.2	0.0
107214_34_Zrn	2.6784	0.091	0.2275	0.012	1321.34	74.13	1320.60	81.24	1320.6	81.2	6.2	-0.1
107214_55_Zrn	3.7241	0.125	0.2773	0.014	1577.72	90.20	1573.49	78.19	1573.5	78.2	5.0	-0.3
107214_7_Zrn	2.9583	0.101	0.2422	0.012	1398.10	79.13	1390.66	81.10	1390.7	81.1	5.8	-0.5
107214_24_Zrn	2.5284	0.087	0.2204	0.011	1283.81	72.32	1265.96	82.73	1266.0	82.7	6.5	-1.4
107214_45_Zrn	4.1802	0.142	0.2979	0.015	1680.68	96.96	1655.43	77.64	1655.4	77.6	4.7	-1.5
107214_60_Zrn	3.1521	0.107	0.2529	0.013	1453.36	82.34	1430.79	80.18	1430.8	80.2	5.6	-1.6
107214_6_Zrn	1.6403	0.055	0.1662	0.008	991.06	54.18	974.23	85.26	991.1	54.2	5.5	-1.7
107214_27_Zrn	3.2354	0.111	0.2574	0.013	1476.42	84.12	1449.64	80.63	1449.6	80.6	5.6	-1.8
107214_14_Zrn	2.9933	0.101	0.2455	0.012	1415.45	79.91	1388.49	80.19	1388.5	80.2	5.8	-1.9
107214_69_Zrn	1.7355	0.059	0.1731	0.009	1029.07	56.38	1007.01	84.89	1007.0	84.9	8.4	-2.2
107214_71_Zrn	1.4838	0.050	0.1550	0.008	929.11	50.50	908.15	85.95	929.1	50.5	5.4	-2.3
107214_90_Zrn	3.1148	0.105	0.2522	0.013	1450.06	82.16	1412.59	80.14	1412.6	80.1	5.7	-2.7
107214_87_Zrn	2.6847	0.091	0.2307	0.012	1337.96	75.14	1299.86	81.46	1299.9	81.5	6.3	-2.9
107214_29_Zrn	3.3505	0.113	0.2640	0.013	1510.52	86.15	1463.63	79.57	1463.6	79.6	5.4	-3.2
107214_83_Zrn	1.3763	0.046	0.1474	0.007	886.39	48.02	857.41	86.70	886.4	48.0	5.4	-3.4
107214_50_Zrn	1.6188	0.055	0.1655	0.008	987.42	53.94	952.93	85.87	987.4	53.9	5.5	-3.6
107214_37_Zrn	2.5427	0.087	0.2236	0.011	1300.70	73.10	1255.02	82.36	1255.0	82.4	6.6	-3.6
107214_33_Zrn	1.5608	0.053	0.1615	0.008	965.06	52.69	929.00	86.42	965.1	52.7	5.5	-3.9
107214_94_Zrn	2.9041	0.099	0.2433	0.012	1404.03	79.28	1344.23	81.23	1344.2	81.2	6.0	-4.4
Lower Lisama Formation-Sample 1072-30 (N=100). 73.78644°W 6.37300°N												
107230_83_Zrn	0.0671	0.005	0.0091	0.000	58.64	3.22	336.10	172.53	58.6	3.2	5.5	82.6
107230_55_Zrn	0.0971	0.004	0.0135	0.001	86.73	4.42	284.00	101.13	86.7	4.4	5.1	69.5

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107230_7_Zrn	0.1677	0.006	0.0227	0.001	144.54	7.26	348.41	99.93	144.5	7.3	5.0	58.5
107230_61_Zrn	0.1782	0.008	0.0236	0.001	150.09	7.46	395.05	116.96	150.1	7.5	5.0	62.0
107230_51_Zrn	0.1647	0.005	0.0238	0.001	151.89	7.40	190.76	94.56	151.9	7.4	4.9	20.4
107230_97_Zrn	0.1638	0.006	0.0239	0.001	152.14	7.46	179.48	97.81	152.1	7.5	4.9	15.2
107230_33_Zrn	0.1724	0.007	0.0240	0.001	153.16	7.48	282.33	101.69	153.2	7.5	4.9	45.8
107230_24_Zrn	0.1664	0.005	0.0241	0.001	153.68	7.47	193.90	92.91	153.7	7.5	4.9	20.7
107230_35_Zrn	0.1661	0.006	0.0242	0.001	154.09	7.55	207.45	95.38	154.1	7.5	4.9	25.7
107230_28_Zrn	0.1733	0.006	0.0242	0.001	154.10	7.50	276.49	93.14	154.1	7.5	4.9	44.3
107230_82_Zrn	0.1702	0.008	0.0242	0.001	154.19	7.89	242.64	120.92	154.2	7.9	5.1	36.5
107230_75_Zrn	0.1662	0.005	0.0243	0.001	154.53	7.52	182.75	93.94	154.5	7.5	4.9	15.4
107230_94_Zrn	0.1650	0.009	0.0243	0.001	154.88	7.90	150.41	138.87	154.9	7.9	5.1	-3.0
107230_72_Zrn	0.1682	0.006	0.0244	0.001	155.21	7.58	193.29	96.18	155.2	7.6	4.9	19.7
107230_27_Zrn	0.1633	0.006	0.0244	0.001	155.31	7.59	125.37	98.46	155.3	7.6	4.9	-23.9
107230_67_Zrn	0.1656	0.005	0.0244	0.001	155.70	7.60	145.05	95.25	155.7	7.6	4.9	-7.3
107230_57_Zrn	0.1678	0.006	0.0245	0.001	155.82	7.72	181.45	96.00	155.8	7.7	5.0	14.1
107230_26_Zrn	0.1681	0.006	0.0245	0.001	156.17	7.66	178.12	99.65	156.2	7.7	4.9	12.3
107230_49_Zrn	0.1652	0.005	0.0246	0.001	156.56	7.65	152.52	95.02	156.6	7.6	4.9	-2.6
107230_86_Zrn	0.1663	0.006	0.0247	0.001	157.17	7.86	143.81	106.57	157.2	7.9	5.0	-9.3
107230_105_Zrn	0.1789	0.006	0.0248	0.001	157.77	7.70	282.26	97.49	157.8	7.7	4.9	44.1
107230_104_Zrn	0.1704	0.006	0.0248	0.001	157.92	7.69	189.42	93.69	157.9	7.7	4.9	16.6
107230_37_Zrn	0.1829	0.007	0.0249	0.001	158.56	7.78	332.35	97.52	158.6	7.8	4.9	52.3
107230_91_Zrn	0.1740	0.006	0.0250	0.001	159.16	7.76	219.15	95.82	159.2	7.8	4.9	27.4
107230_70_Zrn	0.1722	0.006	0.0250	0.001	159.29	7.77	190.45	94.57	159.3	7.8	4.9	16.4
107230_87_Zrn	0.1711	0.006	0.0251	0.001	160.00	7.85	161.98	98.98	160.0	7.9	4.9	1.2
107230_34_Zrn	0.1766	0.008	0.0252	0.001	160.23	8.04	233.94	120.54	160.2	8.0	5.0	31.5
107230_64_Zrn	0.1680	0.006	0.0252	0.001	160.56	7.83	111.08	96.12	160.6	7.8	4.9	-44.5
107230_13_Zrn	0.1719	0.006	0.0252	0.001	160.60	7.92	166.41	97.18	160.6	7.9	4.9	3.5
107230_102_Zrn	0.1698	0.006	0.0253	0.001	161.19	7.88	125.87	96.32	161.2	7.9	4.9	-28.1
107230_88_Zrn	0.1758	0.006	0.0254	0.001	161.44	7.88	206.36	93.27	161.4	7.9	4.9	21.8
107230_85_Zrn	0.1762	0.006	0.0254	0.001	161.91	7.90	201.09	94.30	161.9	7.9	4.9	19.5
107230_30_Zrn	0.1801	0.006	0.0255	0.001	162.43	7.92	248.23	95.64	162.4	7.9	4.9	34.6
107230_6_Zrn	0.1803	0.006	0.0256	0.001	162.69	7.94	243.87	93.07	162.7	7.9	4.9	33.3
107230_9_Zrn	0.1890	0.006	0.0263	0.001	167.16	8.30	290.39	94.55	167.2	8.3	5.0	42.4
107230_58_Zrn	0.1900	0.006	0.0281	0.001	178.75	8.77	180.73	92.93	178.8	8.8	4.9	1.1
107230_43_Zrn	0.2258	0.008	0.0318	0.002	201.52	9.92	261.97	97.00	201.5	9.9	4.9	23.1
107230_96_Zrn	0.2435	0.012	0.0337	0.002	213.84	10.75	299.15	121.52	213.8	10.8	5.0	28.5
107230_71_Zrn	0.2667	0.009	0.0367	0.002	232.30	11.37	315.51	90.20	232.3	11.4	4.9	26.4

Analysis ID	Isotopic ratios				Apparent ages				Preferred age (Ma)	± (Ma)	Uncertainty (%)	Discord. (%)
	$^{207}\text{Pb}/^{235}\text{U}$	± (%)	$^{206}\text{Pb}/^{238}\text{U}$	± (%)	$^{206}\text{Pb}/^{238}\text{U}$ (Ma)	± (Ma)	$^{207}\text{Pb}/^{206}\text{Pb}$ (Ma)	± (Ma)				
107230_101_Zrn	0.2553	0.008	0.0369	0.002	233.59	11.45	212.49	92.74	233.6	11.4	4.9	-9.9
107230_38_Zrn	0.2985	0.010	0.0429	0.002	271.09	13.30	204.76	91.92	271.1	13.3	4.9	-32.4
107230_19_Zrn	0.3162	0.010	0.0437	0.002	275.69	13.55	299.59	92.12	275.7	13.5	4.9	8.0
107230_5_Zrn	0.3211	0.010	0.0440	0.002	277.49	13.64	320.66	90.55	277.5	13.6	4.9	13.5
107230_36_Zrn	0.3200	0.010	0.0440	0.002	277.85	13.67	307.11	90.76	277.9	13.7	4.9	9.5
107230_11_Zrn	0.3132	0.010	0.0441	0.002	278.06	13.73	264.21	91.49	278.1	13.7	4.9	-5.2
107230_78_Zrn	0.3101	0.010	0.0451	0.002	284.19	13.99	186.69	92.82	284.2	14.0	4.9	-52.2
107230_3_Zrn	0.5606	0.019	0.0713	0.003	443.84	22.24	466.84	92.21	443.8	22.2	5.0	4.9
107230_39_Zrn	0.5629	0.018	0.0724	0.003	450.31	22.42	462.47	88.08	450.3	22.4	5.0	2.6
107230_17_Zrn	0.5746	0.018	0.0730	0.004	454.16	22.58	490.30	87.03	454.2	22.6	5.0	7.4
107230_89_Zrn	0.5806	0.019	0.0745	0.004	463.08	23.17	467.48	88.82	463.1	23.2	5.0	0.9
107230_56_Zrn	0.6252	0.021	0.0793	0.004	491.96	25.10	501.01	89.93	492.0	25.1	5.1	1.8
107230_100_Zrn	0.6334	0.020	0.0799	0.004	495.46	24.79	503.41	87.59	495.5	24.8	5.0	1.6
107230_69_Zrn	0.6701	0.021	0.0841	0.004	520.26	25.99	517.49	86.50	520.3	26.0	5.0	-0.5
107230_63_Zrn	0.6812	0.022	0.0849	0.004	525.49	26.26	529.68	86.83	525.5	26.3	5.0	0.8
107230_45_Zrn	0.6764	0.022	0.0855	0.004	528.63	26.48	503.48	87.26	528.6	26.5	5.0	-5.0
107230_65_Zrn	0.7224	0.023	0.0871	0.004	538.15	26.93	607.11	85.21	538.2	26.9	5.0	11.4
107230_54_Zrn	0.7310	0.023	0.0902	0.004	556.68	27.94	543.39	86.33	556.7	27.9	5.0	-2.4
107230_20_Zrn	0.7347	0.024	0.0909	0.004	560.98	28.14	549.97	86.52	561.0	28.1	5.0	-2.0
107230_23_Zrn	0.7853	0.025	0.0935	0.004	576.20	28.92	629.62	85.04	576.2	28.9	5.0	8.5
107230_12_Zrn	0.8872	0.030	0.1029	0.005	631.48	32.39	685.12	87.05	631.5	32.4	5.1	7.8
107230_48_Zrn	0.8853	0.028	0.1045	0.005	640.45	32.33	647.79	84.63	640.4	32.3	5.0	1.1
107230_16_Zrn	0.9025	0.030	0.1055	0.005	646.41	32.80	664.12	87.61	646.4	32.8	5.1	2.7
107230_1_Zrn	1.1169	0.035	0.1257	0.006	763.26	38.85	752.22	83.20	763.3	38.8	5.1	-1.5
107230_73_Zrn	1.1796	0.038	0.1287	0.006	780.57	39.84	839.82	82.15	780.6	39.8	5.1	7.1
107230_62_Zrn	1.2336	0.039	0.1327	0.006	803.28	41.02	839.50	82.29	803.3	41.0	5.1	4.3
107230_60_Zrn	1.2452	0.040	0.1328	0.006	803.56	41.11	867.16	81.92	803.6	41.1	5.1	7.3
107230_40_Zrn	1.3461	0.043	0.1434	0.007	863.81	44.38	866.44	82.02	863.8	44.4	5.1	0.3
107230_98_Zrn	1.4955	0.048	0.1554	0.007	931.13	48.08	919.02	81.40	931.1	48.1	5.2	-1.3
107230_22_Zrn	1.5656	0.050	0.1588	0.008	949.88	49.04	973.18	80.25	949.9	49.0	5.2	2.4
107230_8_Zrn	1.6151	0.054	0.1627	0.008	971.71	51.05	979.64	83.24	971.7	51.1	5.3	0.8
107230_46_Zrn	1.6692	0.053	0.1634	0.008	975.57	50.51	1039.02	79.51	975.6	50.5	5.2	6.1
107230_50_Zrn	1.6588	0.055	0.1668	0.008	994.51	51.75	985.19	82.47	994.5	51.8	5.2	-0.9
107230_32_Zrn	1.7192	0.055	0.1671	0.008	996.15	51.65	1055.03	79.79	996.1	51.6	5.2	5.6
107230_4_Zrn	1.8262	0.060	0.1757	0.009	1043.57	54.81	1071.03	81.20	1071.0	54.8	7.6	2.6
107230_18_Zrn	2.0800	0.066	0.1943	0.009	1144.65	60.03	1135.19	78.55	1135.2	60.0	6.9	-0.8
107230_81_Zrn	2.0284	0.064	0.1880	0.009	1110.77	58.15	1153.48	78.22	1153.5	58.2	6.8	3.7

Analysis ID	Isotopic ratios				Apparent ages				Preferred age (Ma)	± (Ma)	Uncertainty (%)	Discord. (%)
	$^{207}\text{Pb}/^{235}\text{U}$	± (%)	$^{206}\text{Pb}/^{238}\text{U}$	± (%)	$^{206}\text{Pb}/^{238}\text{U}$ (Ma)	± (Ma)	$^{207}\text{Pb}/^{206}\text{Pb}$ (Ma)	± (Ma)				
107230_29_Zrn	2.0998	0.067	0.1927	0.009	1136.14	59.52	1160.34	78.30	1160.3	78.3	6.7	2.1
107230_95_Zrn	2.1040	0.067	0.1930	0.009	1137.82	59.62	1172.32	77.91	1172.3	77.9	6.6	2.9
107230_42_Zrn	2.1377	0.068	0.1948	0.009	1147.47	60.21	1182.35	78.03	1182.4	78.0	6.6	3.0
107230_59_Zrn	2.1790	0.070	0.1984	0.010	1166.75	61.32	1184.58	78.26	1184.6	78.3	6.6	1.5
107230_41_Zrn	2.2679	0.072	0.2037	0.010	1194.93	62.92	1212.39	77.64	1212.4	77.6	6.4	1.4
107230_31_Zrn	2.1604	0.069	0.1933	0.009	1139.30	59.74	1215.70	77.70	1215.7	77.7	6.4	6.3
107230_2_Zrn	2.3125	0.073	0.2069	0.010	1212.08	63.89	1235.29	77.39	1235.3	77.4	6.3	1.9
107230_14_Zrn	2.4583	0.080	0.2158	0.010	1259.41	67.13	1251.33	78.47	1251.3	78.5	6.3	-0.6
107230_74_Zrn	2.3102	0.073	0.2023	0.010	1187.51	62.46	1264.85	76.91	1264.9	76.9	6.1	6.1
107230_99_Zrn	2.4127	0.076	0.2098	0.010	1227.92	64.80	1276.70	76.80	1276.7	76.8	6.0	3.8
107230_66_Zrn	2.4392	0.078	0.2078	0.010	1217.14	64.24	1317.35	76.62	1317.4	76.6	5.8	7.6
107230_84_Zrn	3.1232	0.099	0.2479	0.012	1427.78	76.54	1451.31	75.05	1451.3	75.0	5.2	1.6
107230_93_Zrn	3.3159	0.105	0.2539	0.012	1458.38	78.57	1525.91	74.45	1525.9	74.5	4.9	4.4
107230_76_Zrn	3.1733	0.101	0.2492	0.012	1434.47	77.12	1551.91	74.23	1551.9	74.2	4.8	7.6
107230_44_Zrn	3.8100	0.122	0.2727	0.013	1554.49	84.41	1652.35	73.67	1652.3	73.7	4.5	5.9
107230_25_Zrn	4.2994	0.136	0.2913	0.014	1648.20	89.96	1746.65	72.30	1746.6	72.3	4.1	5.6
107230_92_Zrn	4.4542	0.141	0.3005	0.014	1693.66	92.71	1756.60	72.03	1756.6	72.0	4.1	3.6
107230_15_Zrn	6.0685	0.194	0.3519	0.017	1943.43	108.87	2027.86	70.20	2027.9	70.2	3.5	4.2
107230_53_Zrn	6.6008	0.209	0.3696	0.018	2027.41	113.94	2091.22	69.33	2091.2	69.3	3.3	3.1
107230_21_Zrn	6.5348	0.485	0.3535	0.028	1951.35	178.09	2134.44	142.34	2134.4	142.3	6.7	8.6
107230_77_Zrn	9.4135	0.298	0.4378	0.021	2340.86	134.87	2411.77	66.90	2411.8	66.9	2.8	2.9
107230_10_Zrn	8.7527	0.294	0.4003	0.020	2170.23	126.38	2456.39	68.98	2456.4	69.0	2.8	11.6
107230_68_Zrn	10.5322	0.338	0.4484	0.022	2388.04	139.31	2561.04	66.72	2561.0	66.7	2.6	6.8
107230_103_Zrn	25.0350	0.793	0.6535	0.031	3241.84	200.88	3348.76	61.68	3348.8	61.7	1.8	3.2
Upper Lisama Formation-Sample 1072-29 (N=87). 73.78070°W 6.37988°N												
107229_33_Zrn	0.0752	0.003	0.0108	0.001	69.34	3.36	216.51	99.87	69.3	3.4	4.9	68.0
107229_57_Zrn	0.0764	0.004	0.0112	0.001	71.98	3.81	164.23	147.32	72.0	3.8	5.3	56.2
107229_99_Zrn	0.0790	0.003	0.0120	0.001	76.98	3.77	77.63	106.52	77.0	3.8	4.9	0.8
107229_65_Zrn	0.0906	0.004	0.0126	0.001	80.83	4.10	278.43	118.60	80.8	4.1	5.1	71.0
107229_22_Zrn	0.0973	0.003	0.0139	0.001	88.88	4.34	229.08	97.59	88.9	4.3	4.9	61.2
107229_24_Zrn	0.0999	0.003	0.0146	0.001	93.40	4.62	176.60	96.51	93.4	4.6	4.9	47.1
107229_72_Zrn	0.1630	0.007	0.0238	0.001	151.86	7.51	167.69	115.66	151.9	7.5	4.9	9.4
107229_37_Zrn	0.1648	0.006	0.0241	0.001	153.70	7.55	164.76	101.19	153.7	7.5	4.9	6.7
107229_101_Zrn	0.1665	0.006	0.0242	0.001	153.83	7.49	175.72	95.16	153.8	7.5	4.9	12.5
107229_32_Zrn	0.1773	0.006	0.0242	0.001	153.88	7.50	338.42	92.43	153.9	7.5	4.9	54.5
107229_45_Zrn	0.1668	0.006	0.0242	0.001	153.92	7.53	189.58	98.00	153.9	7.5	4.9	18.8
107229_47_Zrn	0.1640	0.005	0.0243	0.001	155.01	7.54	135.64	93.25	155.0	7.5	4.9	-14.3

Analysis ID	Isotopic ratios				Apparent ages				Preferred age (Ma)	± (Ma)	Uncertainty (%)	Discord. (%)
	$^{207}\text{Pb}/^{235}\text{U}$	± (%)	$^{206}\text{Pb}/^{238}\text{U}$	± (%)	$^{206}\text{Pb}/^{238}\text{U}$ (Ma)	± (Ma)	$^{207}\text{Pb}/^{206}\text{Pb}$ (Ma)	± (Ma)				
107229_93_Zrn	0.1693	0.006	0.0248	0.001	157.92	7.79	165.18	102.91	157.9	7.8	4.9	4.4
107229_59_Zrn	0.1758	0.007	0.0250	0.001	159.09	7.90	242.23	101.71	159.1	7.9	5.0	34.3
107229_104_Zrn	0.1720	0.006	0.0250	0.001	159.23	7.78	182.50	96.10	159.2	7.8	4.9	12.7
107229_27_Zrn	0.1772	0.006	0.0255	0.001	162.19	7.92	213.34	96.93	162.2	7.9	4.9	24.0
107229_52_Zrn	0.1767	0.006	0.0255	0.001	162.23	7.91	207.10	93.52	162.2	7.9	4.9	21.7
107229_13_Zrn	0.1763	0.006	0.0256	0.001	162.73	8.03	195.73	95.59	162.7	8.0	4.9	16.9
107229_63_Zrn	0.1776	0.006	0.0256	0.001	163.22	8.07	205.16	96.68	163.2	8.1	4.9	20.4
107229_54_Zrn	0.1855	0.006	0.0261	0.001	165.93	8.25	260.95	96.35	165.9	8.2	5.0	36.4
107229_42_Zrn	0.1774	0.006	0.0262	0.001	166.55	8.14	151.27	96.62	166.5	8.1	4.9	-10.1
107229_85_Zrn	0.1980	0.006	0.0279	0.001	177.49	8.66	255.82	92.19	177.5	8.7	4.9	30.6
107229_18_Zrn	0.2698	0.009	0.0387	0.002	245.03	12.02	216.86	93.47	245.0	12.0	4.9	-13.0
107229_19_Zrn	0.2787	0.009	0.0396	0.002	250.30	12.29	241.21	93.08	250.3	12.3	4.9	-3.8
107229_92_Zrn	0.2757	0.009	0.0397	0.002	250.78	12.30	207.44	92.37	250.8	12.3	4.9	-20.9
107229_84_Zrn	0.2880	0.009	0.0400	0.002	252.81	12.39	287.90	91.11	252.8	12.4	4.9	12.2
107229_73_Zrn	0.3005	0.010	0.0418	0.002	263.78	12.94	287.12	90.92	263.8	12.9	4.9	8.1
107229_29_Zrn	0.3152	0.010	0.0436	0.002	274.83	13.48	303.34	90.60	274.8	13.5	4.9	9.4
107229_76_Zrn	0.3123	0.010	0.0438	0.002	276.46	13.57	275.98	90.87	276.5	13.6	4.9	-0.2
107229_44_Zrn	0.3173	0.011	0.0445	0.002	280.44	13.87	271.17	94.31	280.4	13.9	4.9	-3.4
107229_70_Zrn	0.3290	0.011	0.0451	0.002	284.07	14.02	322.25	91.08	284.1	14.0	4.9	11.8
107229_28_Zrn	0.3423	0.012	0.0458	0.002	288.68	14.53	373.16	92.87	288.7	14.5	5.0	22.6
107229_15_Zrn	0.4176	0.014	0.0563	0.003	352.84	17.83	369.16	92.34	352.8	17.8	5.1	4.4
107229_31_Zrn	0.4359	0.014	0.0577	0.003	361.55	17.86	403.75	88.60	361.5	17.9	4.9	10.5
107229_69_Zrn	0.4636	0.015	0.0607	0.003	379.93	18.96	423.45	90.47	379.9	19.0	5.0	10.3
107229_83_Zrn	0.4669	0.015	0.0616	0.003	385.19	19.04	406.44	88.15	385.2	19.0	4.9	5.2
107229_91_Zrn	0.5897	0.019	0.0757	0.004	470.34	23.44	464.57	88.55	470.3	23.4	5.0	-1.2
107229_34_Zrn	0.6175	0.020	0.0777	0.004	482.34	24.04	518.27	86.49	482.3	24.0	5.0	6.9
107229_87_Zrn	0.6648	0.021	0.0822	0.004	508.96	25.40	552.59	86.03	509.0	25.4	5.0	7.9
107229_36_Zrn	0.6692	0.021	0.0839	0.004	519.13	25.97	525.51	86.86	519.1	26.0	5.0	1.2
107229_16_Zrn	0.6730	0.022	0.0845	0.004	522.66	26.59	522.08	88.68	522.7	26.6	5.1	-0.1
107229_25_Zrn	0.6962	0.022	0.0871	0.004	538.25	26.95	526.72	86.89	538.2	27.0	5.0	-2.2
107229_8_Zrn	0.7273	0.024	0.0901	0.004	556.19	28.00	550.37	87.13	556.2	28.0	5.0	-1.1
107229_51_Zrn	0.7500	0.024	0.0909	0.004	560.74	28.18	589.31	85.91	560.7	28.2	5.0	4.8
107229_5_Zrn	0.7422	0.024	0.0914	0.004	563.89	28.52	567.96	86.87	563.9	28.5	5.1	0.7
107229_66_Zrn	0.7934	0.026	0.0954	0.005	587.10	29.64	614.08	86.26	587.1	29.6	5.0	4.4
107229_105_Zrn	0.7969	0.026	0.0964	0.005	593.38	29.91	600.70	86.11	593.4	29.9	5.0	1.2
107229_35_Zrn	0.8308	0.026	0.0979	0.005	601.91	30.26	657.17	84.41	601.9	30.3	5.0	8.4
107229_11_Zrn	0.8489	0.027	0.1014	0.005	622.56	31.37	629.66	85.20	622.6	31.4	5.0	1.1

Analysis ID	Isotopic ratios				Apparent ages				Preferred age (Ma)	± (Ma)	Uncertainty (%)	Discord. (%)
	$^{207}\text{Pb}/^{235}\text{U}$	± (%)	$^{206}\text{Pb}/^{238}\text{U}$	± (%)	$^{206}\text{Pb}/^{238}\text{U}$ (Ma)	± (Ma)	$^{207}\text{Pb}/^{206}\text{Pb}$ (Ma)	± (Ma)				
107229_98_Zrn	0.9192	0.032	0.1019	0.005	625.26	32.98	798.82	86.75	625.3	33.0	5.3	21.7
107229_48_Zrn	0.8523	0.027	0.1022	0.005	627.40	31.65	620.23	85.41	627.4	31.7	5.0	-1.2
107229_97_Zrn	0.8596	0.027	0.1026	0.005	629.52	31.75	625.24	85.24	629.5	31.7	5.0	-0.7
107229_50_Zrn	0.9621	0.031	0.1087	0.005	665.00	33.61	727.36	83.59	665.0	33.6	5.1	8.6
107229_89_Zrn	1.0036	0.032	0.1142	0.005	696.91	35.34	739.35	83.51	696.9	35.3	5.1	5.7
107229_3_Zrn	0.9880	0.033	0.1153	0.006	703.51	35.81	680.03	86.84	703.5	35.8	5.1	-3.5
107229_71_Zrn	1.2750	0.041	0.1180	0.006	718.84	36.62	929.59	81.20	718.8	36.6	5.1	22.7
107229_67_Zrn	1.2119	0.040	0.1246	0.006	757.00	39.07	942.72	82.52	757.0	39.1	5.2	19.7
107229_95_Zrn	1.1728	0.037	0.1291	0.006	782.66	39.90	798.36	82.57	782.7	39.9	5.1	2.0
107229_60_Zrn	1.3574	0.045	0.1396	0.007	842.33	43.85	941.96	82.57	842.3	43.9	5.2	10.6
107229_4_Zrn	1.3278	0.044	0.1398	0.007	843.60	43.29	875.93	83.57	843.6	43.3	5.1	3.7
107229_88_Zrn	1.3732	0.044	0.1421	0.007	856.38	44.05	937.50	81.20	856.4	44.0	5.1	8.7
107229_74_Zrn	1.4210	0.045	0.1483	0.007	891.24	45.80	911.50	81.18	891.2	45.8	5.1	2.2
107229_38_Zrn	1.4670	0.046	0.1501	0.007	901.44	46.38	953.76	80.53	901.4	46.4	5.1	5.5
107229_6_Zrn	1.5016	0.049	0.1540	0.008	923.57	48.40	946.21	82.66	923.6	48.4	5.2	2.4
107229_77_Zrn	1.6893	0.054	0.1654	0.008	986.59	51.08	1030.87	79.81	986.6	51.1	5.2	4.3
107229_68_Zrn	1.7089	0.057	0.1664	0.008	992.26	52.61	1041.63	82.25	992.3	52.6	5.3	4.7
107229_90_Zrn	1.7262	0.055	0.1705	0.008	1014.63	52.68	1018.33	80.08	1018.3	80.1	7.9	0.4
107229_81_Zrn	1.7706	0.056	0.1731	0.008	1029.03	53.47	1039.79	79.75	1039.8	79.7	7.7	1.0
107229_62_Zrn	1.8638	0.063	0.1819	0.009	1077.46	56.78	1041.61	82.69	1041.6	82.7	7.9	-3.4
107229_30_Zrn	1.7881	0.057	0.1720	0.008	1023.27	53.17	1081.11	79.19	1081.1	79.2	7.3	5.4
107229_102_Zrn	1.8631	0.059	0.1775	0.009	1053.22	54.90	1094.06	78.97	1094.1	79.0	7.2	3.7
107229_7_Zrn	2.2036	0.073	0.2048	0.010	1200.82	64.26	1145.42	80.19	1145.4	80.2	7.0	-4.8
107229_75_Zrn	2.2372	0.071	0.2022	0.010	1187.06	62.46	1199.09	77.72	1199.1	77.7	6.5	1.0
107229_26_Zrn	2.2400	0.071	0.2013	0.010	1182.38	62.29	1216.07	77.67	1216.1	77.7	6.4	2.8
107229_80_Zrn	2.3200	0.073	0.2071	0.010	1213.48	63.97	1227.90	77.29	1227.9	77.3	6.3	1.2
107229_53_Zrn	2.2377	0.071	0.1989	0.010	1169.17	61.45	1235.03	77.37	1235.0	77.4	6.3	5.3
107229_14_Zrn	2.4084	0.079	0.2123	0.010	1241.17	66.25	1247.46	78.86	1247.5	78.9	6.3	0.5
107229_49_Zrn	2.1279	0.070	0.1902	0.009	1122.30	59.24	1261.64	79.33	1261.6	79.3	6.3	11.0
107229_103_Zrn	2.3388	0.074	0.2021	0.010	1186.53	62.52	1279.06	77.06	1279.1	77.1	6.0	7.2
107229_96_Zrn	2.5434	0.080	0.2171	0.010	1266.37	67.03	1311.83	76.38	1311.8	76.4	5.8	3.5
107229_86_Zrn	3.6997	0.148	0.2579	0.014	1479.16	90.93	1697.52	87.56	1697.5	87.6	5.2	12.9
107229_46_Zrn	3.1304	0.100	0.2444	0.012	1409.48	75.47	1485.07	74.88	1485.1	74.9	5.0	5.1
107229_9_Zrn	3.5277	0.112	0.2631	0.013	1505.48	81.33	1572.02	74.13	1572.0	74.1	4.7	4.2
107229_56_Zrn	6.3746	0.210	0.3560	0.017	1963.12	111.62	2088.29	70.96	2088.3	71.0	3.4	6.0
107229_20_Zrn	6.6385	0.211	0.3705	0.018	2031.61	114.23	2101.68	69.35	2101.7	69.3	3.3	3.3
107229_40_Zrn	9.6004	0.304	0.4365	0.021	2334.90	134.56	2451.25	66.72	2451.3	66.7	2.7	4.7

Analysis ID	Isotopic ratios				Apparent ages				Preferred age (Ma)	± (Ma)	Uncertainty (%)	Discord. (%)
	$\frac{^{207}\text{Pb}}{^{235}\text{U}}$	± (%)	$\frac{^{206}\text{Pb}}{^{238}\text{U}}$	± (%)	$^{206}\text{Pb}/^{238}\text{U}$ (Ma)	± (Ma)	$^{207}\text{Pb}/^{206}\text{Pb}$ (Ma)	± (Ma)				
107229_100_Zrn	14.8851	0.473	0.5241	0.025	2716.72	161.92	2871.82	64.37	2871.8	64.4	2.2	5.4
Lower Mugrosa Formation-Sample 1072-18 (N=98). 73.88179°W 6.38197°N												
107218_25	0.0649	0.004	0.0089	0.000	57.28	3.00	303.10	148.28	57.3	3.0	5.2	81.1
107218_16	0.0621	0.003	0.0091	0.000	58.09	3.08	176.65	110.58	58.1	3.1	5.3	67.1
107218_17	0.0641	0.002	0.0094	0.000	60.14	3.15	165.92	103.92	60.1	3.2	5.2	63.8
107218_24	0.0674	0.003	0.0094	0.000	60.15	3.09	281.77	107.66	60.1	3.1	5.1	78.7
107218_50	1.8664	0.067	0.1807	0.009	63.43	3.34	287.99	107.78	63.4	3.3	5.3	78.0
107218_52	1.9918	0.068	0.1842	0.009	63.95	3.28	156.35	102.74	63.9	3.3	5.1	59.1
107218_80	0.0944	0.004	0.0134	0.001	73.06	3.80	145.93	102.14	73.1	3.8	5.2	49.9
107218_64	1.7350	0.061	0.1659	0.008	74.63	3.82	162.34	101.34	74.6	3.8	5.1	54.0
107218_18	0.0909	0.004	0.0117	0.001	74.88	3.99	469.17	121.27	74.9	4.0	5.3	84.0
107218_74	0.0870	0.003	0.0122	0.001	75.04	3.89	161.31	102.66	75.0	3.9	5.2	53.5
107218_58	0.0934	0.004	0.0136	0.001	75.42	4.16	333.01	147.80	75.4	4.2	5.5	77.4
107218_12	0.0839	0.004	0.0118	0.001	75.51	4.03	261.91	118.21	75.5	4.0	5.3	71.2
107218_10	0.0832	0.004	0.0120	0.001	76.82	4.16	197.93	115.19	76.8	4.2	5.4	61.2
107218_7	0.0842	0.003	0.0126	0.001	77.61	4.11	224.79	105.05	77.6	4.1	5.3	65.5
107218_73	0.0992	0.005	0.0133	0.001	78.22	4.04	269.02	106.20	78.2	4.0	5.2	70.9
107218_100	0.0869	0.005	0.0122	0.001	78.46	4.08	229.41	140.14	78.5	4.1	5.2	65.8
107218_101	0.0819	0.003	0.0123	0.001	78.56	4.01	115.82	99.68	78.6	4.0	5.1	32.2
107218_97	0.0898	0.011	0.0123	0.001	78.86	6.27	324.69	274.58	78.9	6.3	8.0	75.7
107218_19	0.0866	0.003	0.0124	0.001	79.60	4.12	217.34	102.06	79.6	4.1	5.2	63.4
107218_48	5.1702	0.179	0.3242	0.017	79.61	4.16	226.80	112.76	79.6	4.2	5.2	64.9
107218_96	0.0931	0.007	0.0126	0.001	80.78	4.83	343.24	180.68	80.8	4.8	6.0	76.5
107218_69	0.1660	0.006	0.0244	0.001	81.00	4.14	113.58	99.39	81.0	4.1	5.1	28.7
107218_71	0.0967	0.003	0.0137	0.001	81.63	4.18	300.11	103.55	81.6	4.2	5.1	72.8
107218_85	0.0915	0.004	0.0128	0.001	81.92	4.25	273.71	105.87	81.9	4.2	5.2	70.1
107218_90	0.0901	0.004	0.0128	0.001	82.18	4.35	226.08	127.76	82.2	4.4	5.3	63.6
107218_39	2.1328	0.072	0.1937	0.010	82.77	4.24	212.02	103.66	82.8	4.2	5.1	61.0
107218_105	0.0910	0.004	0.0131	0.001	83.77	4.33	219.12	118.12	83.8	4.3	5.2	61.8
107218_37	0.2826	0.010	0.0398	0.002	83.86	4.33	315.53	112.37	83.9	4.3	5.2	73.4
107218_79	1.4807	0.051	0.1504	0.008	84.00	4.36	319.35	110.90	84.0	4.4	5.2	73.7
107218_41	0.5226	0.018	0.0647	0.003	84.34	4.32	191.56	102.91	84.3	4.3	5.1	56.0
107218_15	0.0919	0.004	0.0132	0.001	84.37	4.49	220.54	106.30	84.4	4.5	5.3	61.7
107218_22	0.0971	0.004	0.0133	0.001	84.95	4.41	314.79	114.23	84.9	4.4	5.2	73.0
107218_72	0.0923	0.004	0.0127	0.001	85.05	4.38	373.44	116.95	85.0	4.4	5.2	77.2
107218_102	0.1080	0.005	0.0133	0.001	85.38	4.38	548.86	110.92	85.4	4.4	5.1	84.4
107218_45	0.1357	0.005	0.0178	0.001	85.43	4.64	241.12	133.02	85.4	4.6	5.4	64.6

Analysis ID	Isotopic ratios				Apparent ages				Preferred age (Ma)	± (Ma)	Uncertainty (%)	Discord. (%)
	$^{207}\text{Pb}/^{235}\text{U}$	± (%)	$^{206}\text{Pb}/^{238}\text{U}$	± (%)	$^{206}\text{Pb}/^{238}\text{U}$ (Ma)	± (Ma)	$^{207}\text{Pb}/^{206}\text{Pb}$ (Ma)	± (Ma)				
107218_8	0.0958	0.004	0.0131	0.001	85.98	4.58	223.52	106.94	86.0	4.6	5.3	61.5
107218_14	0.0986	0.004	0.0134	0.001	86.06	4.54	326.88	106.61	86.1	4.5	5.3	73.7
107218_57	0.0970	0.004	0.0140	0.001	86.93	4.49	179.64	113.65	86.9	4.5	5.2	51.6
107218_98	0.1013	0.004	0.0136	0.001	87.25	4.51	356.21	108.74	87.2	4.5	5.2	75.5
107218_70	0.0851	0.003	0.0121	0.001	87.44	4.48	246.17	100.46	87.4	4.5	5.1	64.5
107218_62	0.4677	0.017	0.0610	0.003	87.53	4.76	219.78	114.20	87.5	4.8	5.4	60.2
107218_86	0.0918	0.003	0.0137	0.001	87.62	4.52	123.81	104.91	87.6	4.5	5.2	29.2
107218_60	0.2456	0.009	0.0357	0.002	87.73	4.58	143.62	106.96	87.7	4.6	5.2	38.9
107218_83	0.0967	0.004	0.0138	0.001	88.11	4.66	230.45	115.78	88.1	4.7	5.3	61.8
107218_53	0.0680	0.002	0.0100	0.001	88.15	4.57	264.48	110.65	88.1	4.6	5.2	66.7
107218_77	0.0950	0.003	0.0142	0.001	88.38	4.60	318.11	111.19	88.4	4.6	5.2	72.2
107218_55	1.4505	0.050	0.1522	0.008	89.36	4.61	210.79	104.81	89.4	4.6	5.2	57.6
107218_56	0.0972	0.004	0.0140	0.001	89.41	4.63	201.51	106.00	89.4	4.6	5.2	55.6
107218_75	0.0798	0.003	0.0117	0.001	90.65	4.73	127.59	104.09	90.6	4.7	5.2	29.0
107218_21	0.1035	0.004	0.0146	0.001	93.25	4.86	256.35	109.44	93.2	4.9	5.2	63.6
107218_1	0.1048	0.004	0.0151	0.001	96.72	5.05	199.47	102.02	96.7	5.1	5.2	51.5
107218_44	0.2552	0.009	0.0366	0.002	113.81	5.90	306.57	106.79	113.8	5.9	5.2	62.9
107218_68	2.0117	0.068	0.1871	0.009	155.33	8.00	160.80	104.24	155.3	8.0	5.2	3.4
107218_6	4.5473	0.156	0.2993	0.015	226.12	11.83	178.48	99.40	226.1	11.8	5.2	-26.7
107218_43	2.1556	0.073	0.1951	0.010	231.99	11.98	221.89	97.57	232.0	12.0	5.2	-4.6
107218_99	0.2569	0.009	0.0374	0.002	236.96	12.26	181.36	98.96	237.0	12.3	5.2	-30.7
107218_94	0.2697	0.009	0.0375	0.002	237.52	12.32	286.05	96.14	237.5	12.3	5.2	17.0
107218_84	0.2687	0.009	0.0376	0.002	238.07	12.37	274.07	97.65	238.1	12.4	5.2	13.1
107218_26	0.2670	0.009	0.0384	0.002	243.07	12.55	210.80	96.88	243.1	12.5	5.2	-15.3
107218_35	0.2746	0.009	0.0390	0.002	244.36	12.64	249.79	99.43	244.4	12.6	5.2	2.2
107218_34	58.7661	17.341	0.9963	0.154	246.35	12.74	238.73	97.67	246.3	12.7	5.2	-3.2
107218_49	0.0871	0.004	0.0124	0.001	250.32	13.07	242.83	98.09	250.3	13.1	5.2	-3.1
107218_36	0.2727	0.010	0.0386	0.002	251.77	13.00	236.27	97.32	251.8	13.0	5.2	-6.6
107218_31	0.2972	0.010	0.0421	0.002	265.95	13.77	244.76	97.16	265.9	13.8	5.2	-8.7
107218_30	0.2922	0.010	0.0425	0.002	268.07	13.88	182.57	100.10	268.1	13.9	5.2	-46.8
107218_13	0.4250	0.015	0.0554	0.003	347.78	18.48	426.84	95.64	347.8	18.5	5.3	18.5
107218_61	0.0926	0.004	0.0137	0.001	381.71	20.25	437.10	95.67	381.7	20.2	5.3	12.7
107218_40	1.6171	0.061	0.1657	0.009	404.07	21.11	483.53	92.31	404.1	21.1	5.2	16.4
107218_66	2.4773	0.084	0.2111	0.011	470.86	24.86	573.84	91.89	470.9	24.9	5.3	17.9
107218_32	0.6910	0.023	0.0834	0.004	516.60	27.22	610.26	90.09	516.6	27.2	5.3	15.3
107218_103	0.7375	0.025	0.0910	0.005	561.42	29.67	557.41	91.11	561.4	29.7	5.3	-0.7
107218_28	0.8236	0.028	0.0978	0.005	601.34	31.93	636.76	90.75	601.3	31.9	5.3	5.6

Analysis ID	Isotopic ratios				Apparent ages				Preferred age (Ma)	± (Ma)	Uncertainty (%)	Discord. (%)
	$^{207}\text{Pb}/^{235}\text{U}$	± (%)	$^{206}\text{Pb}/^{238}\text{U}$	± (%)	$^{206}\text{Pb}/^{238}\text{U}$ (Ma)	± (Ma)	$^{207}\text{Pb}/^{206}\text{Pb}$ (Ma)	± (Ma)				
107218_82	2.2654	0.078	0.2072	0.011	812.29	44.06	914.83	86.63	812.3	44.1	5.4	11.2
107218_78	0.1013	0.004	0.0138	0.001	903.25	49.49	956.47	86.86	903.2	49.5	5.5	5.6
107218_54	0.0983	0.004	0.0138	0.001	913.55	49.97	903.50	87.27	913.6	50.0	5.5	-1.1
107218_20	1.6214	0.055	0.1614	0.008	964.78	52.76	990.54	85.36	964.8	52.8	5.5	2.6
107218_104	1.6575	0.056	0.1635	0.008	976.39	53.26	1025.01	84.31	976.4	53.3	5.5	4.7
107218_63	0.0963	0.004	0.0137	0.001	989.21	54.55	1087.14	86.22	989.2	54.5	5.5	9.0
107218_5	0.2800	0.010	0.0396	0.002	1070.81	60.28	1062.20	86.83	1062.2	86.8	8.2	-0.8
107218_67	0.6201	0.021	0.0758	0.004	1105.87	61.04	1132.16	83.57	1132.2	83.6	7.4	2.3
107218_51	0.0713	0.003	0.0099	0.001	1089.85	60.56	1152.30	83.86	1152.3	83.9	7.3	5.4
107218_81	0.0763	0.003	0.0114	0.001	1213.66	67.92	1178.09	83.71	1178.1	83.7	7.1	-3.0
107218_23	2.1452	0.074	0.1941	0.010	1143.63	63.67	1190.59	83.53	1190.6	83.5	7.0	3.9
107218_42	0.0907	0.003	0.0132	0.001	1149.13	63.63	1194.17	82.51	1194.2	82.5	6.9	3.8
107218_38	0.0953	0.004	0.0131	0.001	1141.53	63.10	1197.38	82.39	1197.4	82.4	6.9	4.7
107218_91	2.1920	0.075	0.1976	0.010	1162.55	64.84	1205.52	83.26	1205.5	83.3	6.9	3.6
107218_29	2.1752	0.073	0.1919	0.010	1131.70	62.53	1246.29	81.69	1246.3	81.7	6.6	9.2
107218_2	2.7032	0.100	0.2298	0.012	1333.42	77.96	1313.72	85.96	1313.7	86.0	6.5	-1.5
107218_65	0.0795	0.003	0.0116	0.001	1234.59	68.88	1314.11	81.23	1314.1	81.2	6.2	6.1
107218_95	2.7320	0.093	0.2288	0.012	1328.33	74.97	1345.17	81.33	1345.2	81.3	6.0	1.3
107218_87	3.0781	0.104	0.2412	0.012	1392.93	78.76	1475.80	79.50	1475.8	79.5	5.4	5.6
107218_89	3.1339	0.107	0.2453	0.012	1413.96	80.20	1478.90	79.69	1478.9	79.7	5.4	4.4
107218_59	0.0862	0.005	0.0118	0.001	1687.77	98.20	1796.08	76.98	1796.1	77.0	4.3	6.0
107218_3	5.3369	0.191	0.3439	0.018	1905.42	114.92	1837.70	78.42	1837.7	78.4	4.3	-3.7
107218_47	0.7134	0.024	0.0897	0.005	1810.38	106.46	1883.00	76.45	1883.0	76.5	4.1	3.9
107218_93	4.7914	0.166	0.3010	0.015	1696.42	99.08	1890.16	76.17	1890.2	76.2	4.0	10.2
107218_92	5.0589	0.176	0.3107	0.016	1744.34	102.36	1926.06	76.00	1926.1	76.0	3.9	9.4
107218_88	5.8099	0.199	0.3509	0.018	1938.77	115.00	1955.04	75.35	1955.0	75.4	3.9	0.8

Upper Mugrosa Formation-Sample 1072-25 (N=99). 73.87005°W 6.41117°N

107225_24_Zrn	0.0702	0.003	0.0092	0.000	59.16	2.94	414.22	104.05	59.2	2.9	5.0	85.7
107225_85_Zrn	0.0685	0.003	0.0096	0.000	61.29	3.06	286.87	101.09	61.3	3.1	5.0	78.6
107225_15_Zrn	0.0659	0.003	0.0094	0.000	60.10	2.99	228.33	112.34	60.1	3.0	5.0	73.7
107225_23_Zrn	0.0874	0.005	0.0122	0.001	78.23	3.98	275.99	132.59	78.2	4.0	5.1	71.7
107225_52_Zrn	0.0973	0.004	0.0136	0.001	87.31	4.41	266.82	112.78	87.3	4.4	5.1	67.3
107225_57_Zrn	0.0926	0.003	0.0131	0.001	83.81	4.21	254.27	100.98	83.8	4.2	5.0	67.0
107225_102_Zrn	0.0814	0.004	0.0117	0.001	74.89	3.85	218.72	131.15	74.9	3.8	5.1	65.8
107225_56_Zrn	0.0700	0.003	0.0102	0.001	65.32	3.26	184.73	100.27	65.3	3.3	5.0	64.6
107225_69_Zrn	0.1061	0.004	0.0149	0.001	95.45	4.75	266.77	102.10	95.5	4.8	5.0	64.2
107225_99_Zrn	0.0832	0.003	0.0120	0.001	77.16	3.83	200.24	98.64	77.2	3.8	5.0	61.5

Analysis ID	Isotopic ratios				Apparent ages				Preferred age (Ma)	± (Ma)	Uncertainty (%)	Discord. (%)
	$^{207}\text{Pb}/^{235}\text{U}$	± (%)	$^{206}\text{Pb}/^{238}\text{U}$	± (%)	$^{206}\text{Pb}/^{238}\text{U}$ (Ma)	± (Ma)	$^{207}\text{Pb}/^{206}\text{Pb}$ (Ma)	± (Ma)				
107225_73_Zrn	0.0908	0.004	0.0132	0.001	84.54	4.30	183.98	123.66	84.5	4.3	5.1	54.1
107225_98_Zrn	0.0703	0.003	0.0105	0.001	67.12	3.34	141.04	101.91	67.1	3.3	5.0	52.4
107225_31_Zrn	0.1836	0.007	0.0255	0.001	162.34	8.11	295.58	100.11	162.3	8.1	5.0	45.1
107225_41_Zrn	0.0961	0.003	0.0141	0.001	90.35	4.48	160.26	97.98	90.4	4.5	5.0	43.6
107225_100_Zrn	0.0963	0.004	0.0142	0.001	90.77	4.52	159.25	102.32	90.8	4.5	5.0	43.0
107225_59_Zrn	0.1970	0.007	0.0278	0.001	177.01	8.88	254.90	97.20	177.0	8.9	5.0	30.6
107225_74_Zrn	0.1787	0.007	0.0255	0.001	162.01	8.21	229.75	105.38	162.0	8.2	5.1	29.5
107225_88_Zrn	0.0922	0.003	0.0138	0.001	88.21	4.40	122.57	97.10	88.2	4.4	5.0	28.0
107225_83_Zrn	0.1737	0.006	0.0249	0.001	158.75	7.97	214.40	96.15	158.7	8.0	5.0	26.0
107225_79_Zrn	0.7958	0.027	0.0906	0.004	559.23	28.96	724.36	87.75	559.2	29.0	5.2	22.8
107225_58_Zrn	5.5444	0.226	0.3110	0.017	1745.45	109.75	2092.62	79.31	2092.6	79.3	3.8	16.6
107225_28_Zrn	0.4961	0.016	0.0642	0.003	401.28	20.35	474.22	89.99	401.3	20.3	5.1	15.4
107225_20_Zrn	0.9120	0.030	0.1045	0.005	640.86	33.08	719.35	85.96	640.9	33.1	5.2	10.9
107225_30_Zrn	0.6529	0.022	0.0805	0.004	499.36	25.47	556.83	88.46	499.4	25.5	5.1	10.3
107225_101_Zrn	5.9261	0.230	0.3348	0.019	1861.49	119.22	2075.70	83.03	2075.7	83.0	4.0	10.3
107225_42_Zrn	3.0173	0.099	0.2336	0.011	1353.50	73.70	1508.58	76.33	1508.6	76.3	5.1	10.3
107225_18_Zrn	1.7910	0.059	0.1701	0.008	1012.92	53.75	1101.52	81.32	1101.5	81.3	7.4	8.0
107225_64_Zrn	1.5635	0.052	0.1555	0.008	931.93	49.24	1009.74	83.00	931.9	49.2	5.3	7.7
107225_65_Zrn	1.6689	0.055	0.1629	0.008	972.61	51.46	1049.79	81.47	972.6	51.5	5.3	7.4
107225_6_Zrn	2.8258	0.093	0.2275	0.011	1321.63	71.91	1426.01	77.53	1426.0	77.5	5.4	7.3
107225_77_Zrn	1.6392	0.054	0.1610	0.008	962.06	50.90	1038.01	81.72	962.1	50.9	5.3	7.3
107225_92_Zrn	3.0640	0.101	0.2391	0.012	1381.92	75.71	1485.22	77.07	1485.2	77.1	5.2	7.0
107225_51_Zrn	4.3517	0.145	0.2923	0.014	1652.93	93.06	1765.09	74.97	1765.1	75.0	4.2	6.4
107225_17_Zrn	1.7780	0.058	0.1706	0.008	1015.48	53.88	1082.94	81.10	1082.9	81.1	7.5	6.2
107225_46_Zrn	0.9479	0.031	0.1090	0.005	667.02	34.44	709.57	85.98	667.0	34.4	5.2	6.0
107225_93_Zrn	0.6683	0.022	0.0830	0.004	513.88	26.35	544.05	89.27	513.9	26.4	5.1	5.5
107225_68_Zrn	3.3448	0.110	0.2539	0.012	1458.56	80.28	1541.20	76.36	1541.2	76.4	5.0	5.4
107225_62_Zrn	2.3256	0.076	0.2039	0.010	1196.01	64.31	1261.55	78.84	1261.6	78.8	6.2	5.2
107225_7_Zrn	2.3135	0.076	0.2034	0.010	1193.64	64.12	1258.63	79.08	1258.6	79.1	6.3	5.2
107225_25_Zrn	1.6939	0.056	0.1663	0.008	991.73	52.52	1039.38	81.84	991.7	52.5	5.3	4.6
107225_87_Zrn	3.5633	0.118	0.2641	0.013	1510.77	83.62	1580.43	76.48	1580.4	76.5	4.8	4.4
107225_66_Zrn	6.6547	0.218	0.3681	0.018	2020.37	115.95	2113.36	70.91	2113.4	70.9	3.4	4.4
107225_9_Zrn	3.6403	0.119	0.2675	0.013	1528.09	84.33	1597.60	75.58	1597.6	75.6	4.7	4.4
107225_37_Zrn	4.8216	0.157	0.3128	0.015	1754.47	98.48	1828.81	73.13	1828.8	73.1	4.0	4.1
107225_27_Zrn	4.7456	0.155	0.3115	0.015	1748.20	98.17	1805.82	73.44	1805.8	73.4	4.1	3.2
107225_81_Zrn	1.7978	0.062	0.1737	0.009	1032.35	55.29	1064.90	84.08	1064.9	84.1	7.9	3.1
107225_75_Zrn	2.0238	0.070	0.1877	0.009	1108.93	59.43	1142.68	83.41	1142.7	83.4	7.3	3.0

Analysis ID	Isotopic ratios				Apparent ages				Preferred age (Ma)	± (Ma)	Uncertainty (%)	Discord. (%)
	$^{207}\text{Pb}/^{235}\text{U}$	± (%)	$^{206}\text{Pb}/^{238}\text{U}$	± (%)	$^{206}\text{Pb}/^{238}\text{U}$ (Ma)	± (Ma)	$^{207}\text{Pb}/^{206}\text{Pb}$ (Ma)	± (Ma)				
107225_96_Zrn	0.8067	0.027	0.0972	0.005	597.77	30.92	613.56	88.10	597.8	30.9	5.2	2.6
107225_97_Zrn	3.3637	0.110	0.2580	0.013	1479.82	81.28	1517.58	76.12	1517.6	76.1	5.0	2.5
107225_103_Zrn	1.6173	0.054	0.1622	0.008	969.07	51.17	993.30	82.86	969.1	51.2	5.3	2.4
107225_43_Zrn	2.2668	0.075	0.2027	0.010	1189.99	64.21	1219.30	80.09	1219.3	80.1	6.6	2.4
107225_104_Zrn	1.1238	0.037	0.1252	0.006	760.42	39.50	778.91	84.79	760.4	39.5	5.2	2.4
107225_10_Zrn	5.3097	0.173	0.3323	0.016	1849.67	104.63	1893.25	72.58	1893.2	72.6	3.8	2.3
107225_8_Zrn	2.1110	0.069	0.1939	0.010	1142.67	61.14	1168.23	80.02	1168.2	80.0	6.8	2.2
107225_54_Zrn	0.6859	0.023	0.0851	0.004	526.47	27.09	537.42	91.17	526.5	27.1	5.1	2.0
107225_1	3.3068	0.111	0.2566	0.013	1472.39	81.94	1499.00	77.81	1499.0	77.8	5.2	1.8
107225_76_Zrn	2.6191	0.086	0.2236	0.011	1300.76	70.55	1313.77	78.45	1313.8	78.5	6.0	1.0
107225_61_Zrn	4.9929	0.164	0.3243	0.016	1810.64	102.26	1823.23	73.46	1823.2	73.5	4.0	0.7
107225_105_Zrn	0.7400	0.025	0.0911	0.004	561.84	28.77	565.52	88.77	561.8	28.8	5.1	0.7
107225_45_Zrn	4.7774	0.158	0.3167	0.016	1773.59	100.29	1785.20	74.21	1785.2	74.2	4.2	0.7
107225_13_Zrn	3.5158	0.115	0.2671	0.013	1526.05	84.22	1535.84	76.17	1535.8	76.2	5.0	0.6
107225_95_Zrn	3.5933	0.119	0.2704	0.013	1542.91	85.52	1552.05	76.36	1552.0	76.4	4.9	0.6
107225_63_Zrn	1.7044	0.056	0.1690	0.008	1006.71	53.37	1012.09	82.26	1012.1	82.3	8.1	0.5
107225_40_Zrn	3.4893	0.114	0.2663	0.013	1522.21	84.07	1528.96	76.22	1529.0	76.2	5.0	0.4
107225_70_Zrn	5.8245	0.190	0.3525	0.017	1946.49	111.02	1953.53	72.18	1953.5	72.2	3.7	0.4
107225_35_Zrn	0.1657	0.006	0.0244	0.001	155.51	7.76	155.95	98.21	155.5	7.8	5.0	0.3
107225_90_Zrn	4.8374	0.160	0.3195	0.016	1787.48	101.19	1791.67	74.11	1791.7	74.1	4.1	0.2
107225_82_Zrn	1.8036	0.060	0.1774	0.009	1052.94	56.32	1055.01	82.05	1055.0	82.0	7.8	0.2
107225_22_Zrn	3.0666	0.101	0.2466	0.012	1420.74	77.80	1423.14	77.42	1423.1	77.4	5.4	0.2
107225_5_Zrn	1.5412	0.051	0.1585	0.008	948.18	50.05	946.07	83.43	948.2	50.0	5.3	-0.2
107225_78_Zrn	1.7040	0.056	0.1698	0.008	1010.93	53.72	1008.27	82.26	1008.3	82.3	8.2	-0.3
107225_33_Zrn	3.6767	0.121	0.2770	0.014	1576.07	87.34	1570.12	75.83	1570.1	75.8	4.8	-0.4
107225_94_Zrn	3.5205	0.116	0.2683	0.013	1531.95	84.70	1525.37	76.49	1525.4	76.5	5.0	-0.4
107225_2_Zrn	4.5874	0.151	0.3115	0.015	1748.01	98.42	1740.40	74.44	1740.4	74.4	4.3	-0.4
107225_60_Zrn	5.4227	0.178	0.3411	0.017	1891.91	107.55	1882.17	72.95	1882.2	72.9	3.9	-0.5
107225_26_Zrn	4.2589	0.139	0.2995	0.015	1689.06	94.35	1679.47	74.71	1679.5	74.7	4.4	-0.6
107225_19_Zrn	3.4640	0.114	0.2662	0.013	1521.45	83.95	1512.75	76.45	1512.8	76.4	5.1	-0.6
107225_67_Zrn	1.4426	0.049	0.1513	0.007	908.19	47.90	901.99	84.90	908.2	47.9	5.3	-0.7
107225_50_Zrn	5.1099	0.168	0.3313	0.016	1844.73	104.60	1831.22	73.51	1831.2	73.5	4.0	-0.7
107225_55_Zrn	4.5071	0.150	0.3091	0.015	1736.47	97.93	1721.87	74.92	1721.9	74.9	4.4	-0.8
107225_86_Zrn	2.1909	0.072	0.2012	0.010	1182.01	63.68	1171.22	80.41	1171.2	80.4	6.9	-0.9
107225_14_Zrn	2.6199	0.086	0.2254	0.011	1310.53	71.11	1298.10	78.69	1298.1	78.7	6.1	-1.0
107225_29_Zrn	3.0552	0.101	0.2495	0.012	1435.95	78.85	1422.10	77.63	1422.1	77.6	5.5	-1.0

Analysis ID	Isotopic ratios				Apparent ages				Preferred age (Ma)	± (Ma)	Uncertainty (%)	Discord. (%)
	$^{207}\text{Pb}/^{235}\text{U}$	± (%)	$^{206}\text{Pb}/^{238}\text{U}$	± (%)	$^{206}\text{Pb}/^{238}\text{U}$ (Ma)	± (Ma)	$^{207}\text{Pb}/^{206}\text{Pb}$ (Ma)	± (Ma)				
107225_11_Zrn	2.6083	0.086	0.2256	0.011	1311.33	71.14	1298.07	79.11	1298.1	79.1	6.1	-1.0
107225_72_Zrn	0.5920	0.020	0.0760	0.004	472.16	24.07	466.99	90.55	472.2	24.1	5.1	-1.1
107225_71_Zrn	3.4058	0.112	0.2645	0.013	1513.03	83.49	1492.92	76.91	1492.9	76.9	5.2	-1.3
107225_89_Zrn	2.6604	0.088	0.2283	0.011	1325.46	72.33	1303.86	78.93	1303.9	78.9	6.1	-1.7
107225_84_Zrn	2.7751	0.092	0.2347	0.012	1358.88	74.23	1330.53	78.63	1330.5	78.6	5.9	-2.1
107225_12_Zrn	1.7703	0.058	0.1757	0.009	1043.28	55.48	1016.65	82.22	1016.7	82.2	8.1	-2.6
107225_16_Zrn	1.6497	0.055	0.1672	0.008	996.60	52.78	970.91	83.00	996.6	52.8	5.3	-2.6
107225_91_Zrn	2.4117	0.080	0.2159	0.011	1260.04	68.40	1220.62	80.24	1220.6	80.2	6.6	-3.2
107225_21_Zrn	3.7990	0.126	0.2849	0.014	1615.93	89.91	1563.82	76.34	1563.8	76.3	4.9	-3.3
107225_49_Zrn	3.3109	0.114	0.2627	0.013	1503.55	83.24	1454.47	79.44	1454.5	79.4	5.5	-3.4
107225_4_Zrn	1.6379	0.054	0.1675	0.008	998.39	52.85	954.52	82.73	998.4	52.9	5.3	-4.6
107225_44_Zrn	1.7133	0.057	0.1734	0.009	1030.93	54.96	976.39	82.81	976.4	82.8	8.5	-5.6
107225_47_Zrn	0.8412	0.028	0.1025	0.005	629.07	32.46	581.84	89.51	629.1	32.5	5.2	-8.1
107225_3_Zrn	0.2650	0.009	0.0381	0.002	240.89	12.08	217.84	96.90	240.9	12.1	5.0	-10.6
107225_38_Zrn	0.1669	0.006	0.0250	0.001	158.98	7.96	125.54	102.33	159.0	8.0	5.0	-26.6
107225_80_Zrn	0.1695	0.010	0.0255	0.001	162.46	8.68	110.44	153.75	162.5	8.7	5.3	-47.1

Middle Colorado Formation-Sample 1072-13 (N=103). 73.85953°W 6.40819°N

107213_36	0.0681	0.006	0.0092	0.001	59.03	3.42	344.32	189.33	59.0	3.4	5.8	82.9
107213_28	0.0590	0.003	0.0086	0.000	55.23	2.85	180.41	114.53	55.2	2.8	5.2	69.4
107213_84	0.0917	0.004	0.0130	0.001	83.02	4.26	251.49	104.96	83.0	4.3	5.1	67.0
107213_1	0.2349	0.016	0.0292	0.002	185.48	9.90	546.49	154.03	185.5	9.9	5.3	66.1
107213_3	0.0882	0.004	0.0127	0.001	81.04	4.17	218.58	109.59	81.0	4.2	5.1	62.9
107213_29	0.0799	0.003	0.0116	0.001	74.03	3.80	195.03	108.19	74.0	3.8	5.1	62.0
107213_76	0.0825	0.003	0.0120	0.001	76.90	3.97	188.76	109.74	76.9	4.0	5.2	59.3
107213_11	0.0838	0.004	0.0122	0.001	78.35	4.03	184.22	113.95	78.3	4.0	5.1	57.5
107213_61	0.0810	0.003	0.0119	0.001	76.01	3.92	175.03	105.04	76.0	3.9	5.2	56.6
107213_2	0.0984	0.003	0.0142	0.001	91.05	4.65	202.48	98.30	91.0	4.6	5.1	55.0
107213_64	0.0694	0.003	0.0103	0.001	65.97	3.42	141.35	104.82	66.0	3.4	5.2	53.3
107213_81	0.0858	0.003	0.0126	0.001	80.89	4.16	158.51	105.90	80.9	4.2	5.1	49.0
107213_49	0.0919	0.004	0.0136	0.001	86.92	4.53	150.70	118.51	86.9	4.5	5.2	42.3
107213_31	0.1731	0.006	0.0244	0.001	155.60	8.01	264.89	98.39	155.6	8.0	5.1	41.3
107213_15	0.1301	0.006	0.0190	0.001	121.35	6.28	180.67	114.83	121.3	6.3	5.2	32.8
107213_74	0.2468	0.008	0.0344	0.002	217.99	11.24	284.41	96.27	218.0	11.2	5.2	23.4
107213_44	0.4743	0.016	0.0604	0.003	378.03	19.81	489.66	92.78	378.0	19.8	5.2	22.8
107213_38	0.2224	0.008	0.0316	0.002	200.30	10.46	239.58	101.11	200.3	10.5	5.2	16.4
107213_22	1.4383	0.049	0.1441	0.007	867.55	47.04	1005.19	85.04	867.5	47.0	5.4	13.7
107213_46	2.2482	0.078	0.1937	0.010	1141.20	63.73	1308.73	82.09	1308.7	82.1	6.3	12.8

Analysis ID	Isotopic ratios				Apparent ages				Preferred age (Ma)	± (Ma)	Uncertainty (%)	Discord. (%)
	$^{207}\text{Pb}/^{235}\text{U}$	± (%)	$^{206}\text{Pb}/^{238}\text{U}$	± (%)	$^{206}\text{Pb}/^{238}\text{U}$ (Ma)	± (Ma)	$^{207}\text{Pb}/^{206}\text{Pb}$ (Ma)	± (Ma)				
107213_16	1.9178	0.066	0.1753	0.009	1041.49	57.40	1182.88	83.49	1182.9	83.5	7.1	12.0
107213_52	3.4405	0.116	0.2522	0.013	1449.58	82.26	1611.46	78.03	1611.5	78.0	4.8	10.0
107213_66	5.9604	0.265	0.3392	0.020	1882.71	130.58	2062.62	91.77	2062.6	91.8	4.4	8.7
107213_53	1.4247	0.049	0.1461	0.007	879.07	47.92	953.26	86.19	879.1	47.9	5.5	7.8
107213_98	1.9922	0.067	0.1830	0.009	1083.60	59.65	1173.14	82.67	1173.1	82.7	7.0	7.6
107213_80	4.1760	0.140	0.2845	0.014	1614.11	92.51	1741.41	76.46	1741.4	76.5	4.4	7.3
107213_14	2.7011	0.091	0.2219	0.011	1291.96	72.33	1391.81	80.19	1391.8	80.2	5.8	7.2
107213_87	4.7223	0.160	0.3054	0.015	1718.20	99.47	1831.79	75.97	1831.8	76.0	4.1	6.2
107213_79	2.6688	0.090	0.2215	0.011	1289.69	72.09	1371.19	80.53	1371.2	80.5	5.9	5.9
107213_103	3.3699	0.114	0.2541	0.013	1459.59	82.68	1551.73	78.38	1551.7	78.4	5.1	5.9
107213_54	4.8534	0.173	0.3112	0.016	1746.81	104.11	1857.08	78.37	1857.1	78.4	4.2	5.9
107213_78	4.8861	0.164	0.3119	0.016	1749.99	101.37	1858.01	75.36	1858.0	75.4	4.1	5.8
107213_89	2.5832	0.087	0.2172	0.011	1267.08	70.75	1343.06	80.77	1343.1	80.8	6.0	5.7
107213_56	2.5592	0.087	0.2161	0.011	1261.47	70.56	1333.47	81.04	1333.5	81.0	6.1	5.4
107213_62	2.2766	0.078	0.2012	0.010	1181.71	65.83	1244.80	82.90	1244.8	82.9	6.7	5.1
107213_57	2.5690	0.087	0.2175	0.011	1268.69	70.96	1330.28	81.19	1330.3	81.2	6.1	4.6
107213_50	0.6996	0.024	0.0864	0.004	534.13	28.34	558.80	92.44	534.1	28.3	5.3	4.4
107213_102	2.2341	0.075	0.1994	0.010	1171.88	64.90	1224.90	81.95	1224.9	82.0	6.7	4.3
107213_88	1.9754	0.067	0.1845	0.009	1091.77	60.14	1140.01	83.43	1140.0	83.4	7.3	4.2
107213_83	1.9877	0.070	0.1850	0.009	1093.99	60.35	1142.16	85.18	1142.2	85.2	7.5	4.2
107213_68	3.8938	0.133	0.2783	0.014	1582.67	91.17	1652.33	77.87	1652.3	77.9	4.7	4.2
107213_95	5.4983	0.185	0.3354	0.017	1864.52	109.00	1941.32	74.70	1941.3	74.7	3.8	4.0
107213_93	4.5992	0.155	0.3056	0.015	1718.91	99.33	1785.73	76.05	1785.7	76.0	4.3	3.7
107213_100	0.7825	0.027	0.0945	0.005	581.87	30.83	604.04	91.10	581.9	30.8	5.3	3.7
107213_96	6.1488	0.207	0.3555	0.018	1960.63	115.55	2034.97	73.92	2035.0	73.9	3.6	3.7
107213_35	3.6123	0.123	0.2678	0.014	1529.76	87.54	1587.67	78.60	1587.7	78.6	5.0	3.6
107213_67	3.4953	0.119	0.2624	0.013	1502.09	85.87	1558.02	78.99	1558.0	79.0	5.1	3.6
107213_7	1.7031	0.057	0.1675	0.008	998.56	54.56	1035.60	84.24	998.6	54.6	5.5	3.6
107213_42	1.7446	0.060	0.1703	0.009	1013.63	55.82	1050.11	84.79	1050.1	84.8	8.1	3.5
107213_6	1.4554	0.049	0.1504	0.008	903.10	48.99	934.98	85.51	903.1	49.0	5.4	3.4
107213_25	4.2173	0.143	0.2926	0.015	1654.63	95.42	1712.06	77.04	1712.1	77.0	4.5	3.4
107213_104	5.0050	0.169	0.3204	0.016	1791.62	104.26	1852.59	75.70	1852.6	75.7	4.1	3.3
107213_105	0.8620	0.029	0.1021	0.005	626.77	33.29	647.53	89.52	626.8	33.3	5.3	3.2
107213_55	3.4359	0.117	0.2606	0.013	1492.94	85.08	1541.43	79.11	1541.4	79.1	5.1	3.1
107213_94	2.2717	0.077	0.2028	0.010	1190.09	66.01	1227.87	82.05	1227.9	82.1	6.7	3.1
107213_58	2.6327	0.091	0.2224	0.011	1294.68	72.64	1334.36	82.02	1334.4	82.0	6.1	3.0
107213_8	3.2682	0.110	0.2536	0.013	1457.15	82.54	1501.53	78.92	1501.5	78.9	5.3	3.0

Analysis ID	Isotopic ratios				Apparent ages				Preferred age (Ma)	± (Ma)	Uncertainty (%)	Discord. (%)
	$^{207}\text{Pb}/^{235}\text{U}$	± (%)	$^{206}\text{Pb}/^{238}\text{U}$	± (%)	$^{206}\text{Pb}/^{238}\text{U}$ (Ma)	± (Ma)	$^{207}\text{Pb}/^{206}\text{Pb}$ (Ma)	± (Ma)				
107213_37	5.3744	0.183	0.3336	0.017	1855.88	109.19	1912.07	75.61	1912.1	75.6	4.0	2.9
107213_19	0.6864	0.023	0.0853	0.004	527.63	27.83	542.33	91.42	527.6	27.8	5.3	2.7
107213_91	1.9029	0.065	0.1808	0.009	1071.55	58.98	1099.67	84.38	1099.7	84.4	7.7	2.6
107213_30	1.5277	0.052	0.1560	0.008	934.76	50.97	958.19	85.91	934.8	51.0	5.5	2.4
107213_59	4.7119	0.159	0.3119	0.016	1749.98	101.57	1792.24	76.17	1792.2	76.2	4.3	2.4
107213_43	1.5000	0.052	0.1542	0.008	924.24	50.72	946.06	86.89	924.2	50.7	5.5	2.3
107213_40	3.3473	0.115	0.2581	0.013	1479.96	84.80	1514.18	79.72	1514.2	79.7	5.3	2.3
107213_26	2.1351	0.072	0.1954	0.010	1150.81	63.71	1177.35	82.73	1177.4	82.7	7.0	2.3
107213_24	5.0035	0.169	0.3218	0.016	1798.71	104.73	1839.93	75.78	1839.9	75.8	4.1	2.2
107213_71	2.5909	0.090	0.2206	0.011	1284.85	72.01	1312.09	82.92	1312.1	82.9	6.3	2.1
107213_33	3.8498	0.132	0.2799	0.014	1590.66	91.86	1623.67	78.73	1623.7	78.7	4.8	2.0
107213_86	2.5060	0.085	0.2169	0.011	1265.49	70.59	1289.96	81.52	1290.0	81.5	6.3	1.9
107213_20	5.5860	0.188	0.3423	0.017	1897.59	111.28	1934.09	74.78	1934.1	74.8	3.9	1.9
107213_9	0.7029	0.024	0.0872	0.004	538.81	28.43	548.33	91.28	538.8	28.4	5.3	1.7
107213_72	3.3919	0.116	0.2602	0.013	1490.66	85.06	1516.83	79.37	1516.8	79.4	5.2	1.7
107213_18	4.1742	0.141	0.2932	0.015	1657.72	95.36	1684.22	77.03	1684.2	77.0	4.6	1.6
107213_47	4.0593	0.139	0.2893	0.015	1637.89	94.62	1663.50	77.94	1663.5	77.9	4.7	1.5
107213_82	2.2816	0.077	0.2047	0.010	1200.55	66.62	1217.85	82.11	1217.8	82.1	6.7	1.4
107213_85	1.6059	0.054	0.1621	0.008	968.42	52.82	981.62	85.20	968.4	52.8	5.5	1.3
107213_73	2.0338	0.069	0.1903	0.010	1123.00	61.98	1135.45	83.20	1135.5	83.2	7.3	1.1
107213_70	3.0068	0.102	0.2429	0.012	1401.56	79.06	1416.95	80.03	1417.0	80.0	5.6	1.1
107213_75	3.4607	0.117	0.2642	0.013	1511.42	86.04	1526.36	78.69	1526.4	78.7	5.2	1.0
107213_97	1.5604	0.053	0.1591	0.008	951.66	51.82	958.99	85.34	951.7	51.8	5.4	0.8
107213_12	2.6822	0.091	0.2272	0.012	1319.76	73.98	1329.56	80.99	1329.6	81.0	6.1	0.7
107213_10	4.4540	0.150	0.3050	0.015	1715.93	99.15	1728.40	76.60	1728.4	76.6	4.4	0.7
107213_63	3.1754	0.108	0.2520	0.013	1448.95	82.24	1457.56	79.79	1457.6	79.8	5.5	0.6
107213_60	1.6462	0.056	0.1656	0.008	987.76	54.15	993.07	85.78	987.8	54.2	5.5	0.5
107213_65	1.6226	0.055	0.1640	0.008	979.11	53.51	982.31	85.48	979.1	53.5	5.5	0.3
107213_99	4.6015	0.155	0.3115	0.016	1747.97	101.31	1750.15	76.57	1750.2	76.6	4.4	0.1
107213_39	3.3253	0.115	0.2599	0.013	1489.44	85.35	1489.27	80.28	1489.3	80.3	5.4	0.0
107213_90	1.0728	0.036	0.1217	0.006	740.49	39.68	740.13	88.29	740.5	39.7	5.4	0.0
107213_23	0.6891	0.023	0.0862	0.004	533.27	28.15	532.08	91.59	533.3	28.1	5.3	-0.2
107213_21	4.2374	0.143	0.2986	0.015	1684.19	97.12	1676.85	77.17	1676.9	77.2	4.6	-0.4
107213_27	3.7545	0.127	0.2791	0.014	1586.70	90.91	1579.28	78.25	1579.3	78.3	5.0	-0.5
107213_48	3.5421	0.121	0.2700	0.014	1540.98	88.41	1532.99	79.18	1533.0	79.2	5.2	-0.5
107213_32	3.5295	0.121	0.2694	0.014	1537.55	88.30	1528.52	79.51	1528.5	79.5	5.2	-0.6
107213_101	1.6339	0.056	0.1650	0.008	984.25	53.76	976.32	85.87	984.3	53.8	5.5	-0.8

Analysis ID	Isotopic ratios				Apparent ages				Preferred age (Ma)	± (Ma)	Uncertainty (%)	Discord. (%)
	$^{207}\text{Pb}/^{235}\text{U}$	± (%)	$^{206}\text{Pb}/^{238}\text{U}$	± (%)	$^{206}\text{Pb}/^{238}\text{U}$ (Ma)	± (Ma)	$^{207}\text{Pb}/^{206}\text{Pb}$ (Ma)	± (Ma)				
107213_77	3.5301	0.119	0.2697	0.014	1539.06	87.73	1525.06	78.67	1525.1	78.7	5.2	-0.9
107213_4	4.9998	0.168	0.3281	0.017	1829.03	106.63	1808.18	75.89	1808.2	75.9	4.2	-1.2
107213_34	2.6324	0.090	0.2265	0.012	1315.93	74.12	1299.11	82.03	1299.1	82.0	6.3	-1.3
107213_69	5.2847	0.179	0.3385	0.017	1879.42	110.37	1853.68	75.88	1853.7	75.9	4.1	-1.4
107213_51	1.7901	0.061	0.1763	0.009	1046.47	57.67	1029.06	84.86	1029.1	84.9	8.2	-1.7
107213_17	2.7099	0.092	0.2317	0.012	1343.42	75.42	1312.26	81.50	1312.3	81.5	6.2	-2.4
107213_5	3.5285	0.119	0.2719	0.014	1550.51	88.43	1509.66	78.82	1509.7	78.8	5.2	-2.7
107213_45	1.1859	0.041	0.1327	0.007	803.25	43.43	772.46	88.77	803.3	43.4	5.4	-4.0
107213_41	1.6825	0.061	0.1707	0.009	1016.03	56.07	971.59	88.84	971.6	88.8	9.1	-4.6
Middle Colorado Formation-Sample 1072-19 (N=99). 73.89777°W 6.37662°N.												
107219_105	0.0639	0.003	0.0086	0.000	54.91	2.84	372.94	125.38	54.9	2.8	5.2	85.3
107219_2	0.0929	0.004	0.0124	0.001	79.51	4.14	371.54	115.39	79.5	4.1	5.2	78.6
107219_54	0.0884	0.004	0.0126	0.001	80.69	4.28	225.26	111.18	80.7	4.3	5.3	64.2
107219_18	0.0899	0.004	0.0127	0.001	81.50	4.26	264.89	125.66	81.5	4.3	5.2	69.2
107219_59	0.0934	0.004	0.0131	0.001	83.98	4.51	265.84	120.69	84.0	4.5	5.4	68.4
107219_22	0.0933	0.006	0.0135	0.001	86.18	4.62	192.74	165.11	86.2	4.6	5.4	55.3
107219_66	0.0972	0.004	0.0139	0.001	89.06	4.60	217.25	105.01	89.1	4.6	5.2	59.0
107219_1	0.0981	0.004	0.0140	0.001	89.49	4.66	223.50	108.36	89.5	4.7	5.2	60.0
107219_81	0.1386	0.007	0.0169	0.001	108.15	5.58	581.08	116.18	108.2	5.6	5.2	81.4
107219_73	0.1690	0.006	0.0240	0.001	152.58	7.87	246.86	99.72	152.6	7.9	5.2	38.2
107219_95	0.1819	0.014	0.0242	0.001	153.93	8.20	393.86	177.98	153.9	8.2	5.3	60.9
107219_96	0.1687	0.006	0.0250	0.001	159.24	8.20	141.38	101.89	159.2	8.2	5.1	-12.6
107219_72	0.1851	0.007	0.0254	0.001	161.77	8.38	317.82	101.27	161.8	8.4	5.2	49.1
107219_94	0.2002	0.007	0.0279	0.001	177.13	9.12	284.58	99.25	177.1	9.1	5.1	37.8
107219_50	0.2079	0.010	0.0286	0.002	182.03	9.84	311.16	119.30	182.0	9.8	5.4	41.5
107219_85	0.2090	0.008	0.0288	0.001	182.77	9.41	308.33	100.63	182.8	9.4	5.2	40.7
107219_84	0.2105	0.009	0.0288	0.001	182.88	9.51	321.40	111.48	182.9	9.5	5.2	43.1
107219_26	0.2099	0.009	0.0288	0.001	183.34	9.52	312.87	110.60	183.3	9.5	5.2	41.4
107219_34	0.2006	0.007	0.0290	0.001	184.46	9.49	187.55	100.36	184.5	9.5	5.1	1.6
107219_87	0.2020	0.007	0.0292	0.001	185.58	9.56	199.83	99.65	185.6	9.6	5.2	7.1
107219_67	0.2273	0.008	0.0320	0.002	203.32	10.55	257.73	98.74	203.3	10.6	5.2	21.1
107219_37	0.2772	0.010	0.0381	0.002	240.75	12.51	315.96	101.04	240.7	12.5	5.2	23.8
107219_63	0.3093	0.011	0.0438	0.002	276.20	14.46	247.60	98.97	276.2	14.5	5.2	-11.6
107219_32	0.3146	0.011	0.0444	0.002	279.84	14.49	258.18	96.79	279.8	14.5	5.2	-8.4
107219_24	0.6362	0.021	0.0773	0.004	480.16	25.25	595.18	90.50	480.2	25.3	5.3	19.3
107219_100	0.7233	0.025	0.0900	0.005	555.44	29.37	538.14	92.61	555.4	29.4	5.3	-3.2
107219_46	0.8396	0.030	0.0958	0.005	589.69	31.91	720.71	92.24	589.7	31.9	5.4	18.2

Analysis ID	Isotopic ratios				Apparent ages				Preferred age (Ma)	± (Ma)	Uncertainty (%)	Discord. (%)
	$^{207}\text{Pb}/^{235}\text{U}$	± (%)	$^{206}\text{Pb}/^{238}\text{U}$	± (%)	$^{206}\text{Pb}/^{238}\text{U}$ (Ma)	± (Ma)	$^{207}\text{Pb}/^{206}\text{Pb}$ (Ma)	± (Ma)				
107219_19	0.9066	0.031	0.1074	0.005	657.41	35.02	641.51	89.77	657.4	35.0	5.3	-2.5
107219_56	0.9222	0.032	0.1090	0.006	666.95	35.84	647.48	91.17	666.9	35.8	5.4	-3.0
107219_99	1.3354	0.046	0.1430	0.007	861.52	46.61	857.08	87.60	861.5	46.6	5.4	-0.5
107219_13	1.4340	0.048	0.1455	0.007	875.68	47.45	967.48	85.15	875.7	47.5	5.4	9.5
107219_104	1.4167	0.048	0.1463	0.007	880.17	47.65	934.37	85.56	880.2	47.7	5.4	5.8
107219_10	1.5124	0.053	0.1497	0.008	899.01	49.54	1024.65	85.86	899.0	49.5	5.5	12.3
107219_82	1.5854	0.053	0.1557	0.008	932.69	50.80	1037.35	84.37	932.7	50.8	5.4	10.1
107219_103	1.5639	0.053	0.1576	0.008	943.30	51.31	986.54	84.92	943.3	51.3	5.4	4.4
107219_42	1.5667	0.054	0.1576	0.008	943.33	51.74	993.07	85.53	943.3	51.7	5.5	5.0
107219_12	1.5173	0.051	0.1576	0.008	943.54	51.40	918.60	86.06	943.5	51.4	5.4	-2.7
107219_27	1.6280	0.055	0.1635	0.008	976.39	53.30	989.28	84.98	976.4	53.3	5.5	1.3
107219_93	1.6478	0.056	0.1643	0.008	980.44	53.52	1006.33	84.89	980.4	53.5	5.5	2.6
107219_15	1.7040	0.058	0.1717	0.009	1021.58	55.98	981.87	85.72	981.9	55.7	8.7	-4.0
107219_78	1.6454	0.056	0.1650	0.008	984.71	53.77	986.74	85.13	984.7	53.8	5.5	0.2
107219_3	1.7018	0.060	0.1711	0.009	1018.04	56.55	985.29	87.42	985.3	57.4	8.9	-3.3
107219_21	1.8751	0.090	0.1672	0.009	996.78	55.72	1221.18	106.39	996.8	55.7	5.6	18.4
107219_20	1.7121	0.059	0.1706	0.009	1015.35	55.64	1003.44	85.64	1003.4	55.6	8.5	-1.2
107219_35	1.7034	0.058	0.1687	0.009	1004.90	55.01	1014.03	84.95	1014.0	54.9	8.4	0.9
107219_60	1.7734	0.061	0.1744	0.009	1036.05	57.39	1027.98	85.63	1028.0	55.6	8.3	-0.8
107219_5	1.7825	0.061	0.1756	0.009	1042.64	57.60	1031.35	85.14	1031.3	55.1	8.3	-1.1
107219_102	1.8202	0.061	0.1781	0.009	1056.46	57.98	1059.17	83.96	1059.2	54.0	7.9	0.3
107219_64	1.9174	0.065	0.1841	0.009	1089.25	60.12	1075.91	84.44	1075.9	54.4	7.8	-1.2
107219_39	1.8417	0.063	0.1766	0.009	1048.37	57.79	1084.32	84.39	1084.3	54.4	7.8	3.3
107219_43	1.9664	0.067	0.1851	0.009	1094.87	60.65	1116.14	83.88	1116.1	53.9	7.5	1.9
107219_16	2.0549	0.070	0.1933	0.010	1139.17	63.03	1121.39	84.17	1121.4	54.2	7.5	-1.6
107219_86	2.1278	0.072	0.1983	0.010	1166.38	64.65	1140.46	83.60	1140.5	53.6	7.3	-2.3
107219_51	2.1166	0.074	0.1962	0.010	1154.75	64.75	1144.26	84.64	1144.3	54.6	7.4	-0.9
107219_17	1.9083	0.064	0.1773	0.009	1052.43	57.83	1147.10	82.96	1147.1	53.0	7.2	8.3
107219_57	1.9479	0.067	0.1810	0.009	1072.23	59.44	1151.50	83.74	1151.5	53.7	7.3	6.9
107219_58	2.0763	0.072	0.1925	0.010	1134.83	63.39	1157.58	83.96	1157.6	54.0	7.3	2.0
107219_6	2.1732	0.076	0.1970	0.010	1159.07	64.62	1186.73	84.26	1186.7	54.3	7.1	2.3
107219_55	2.1411	0.074	0.1942	0.010	1143.93	63.89	1192.68	83.61	1192.7	53.6	7.0	4.1
107219_91	1.9605	0.081	0.1764	0.009	1047.01	61.07	1212.24	96.85	1212.2	56.9	8.0	13.6
107219_53	2.2602	0.078	0.2026	0.010	1189.43	66.70	1217.57	83.20	1217.6	53.2	6.8	2.3
107219_49	2.3747	0.082	0.2109	0.011	1233.40	69.52	1232.63	83.21	1232.6	53.2	6.8	-0.1
107219_52	2.2513	0.080	0.1989	0.010	1169.61	65.75	1233.57	84.49	1233.6	54.5	6.8	5.2
107219_90	2.4032	0.081	0.2140	0.011	1250.18	69.67	1251.86	81.65	1251.9	51.7	6.5	0.1

Analysis ID	Isotopic ratios				Apparent ages				Preferred age (Ma)	± (Ma)	Uncertainty (%)	Discord. (%)
	$^{207}\text{Pb}/^{235}\text{U}$	± (%)	$^{206}\text{Pb}/^{238}\text{U}$	± (%)	$^{206}\text{Pb}/^{238}\text{U}$ (Ma)	± (Ma)	$^{207}\text{Pb}/^{206}\text{Pb}$ (Ma)	± (Ma)				
107219_71	2.2989	0.078	0.2020	0.010	1186.06	65.90	1261.16	81.87	1261.2	81.9	6.5	6.0
107219_33	2.5113	0.085	0.2181	0.011	1271.64	70.97	1279.25	81.35	1279.3	81.4	6.4	0.6
107219_7	2.5723	0.087	0.2210	0.011	1287.29	72.25	1298.99	81.60	1299.0	81.6	6.3	0.9
107219_8	2.4495	0.084	0.2093	0.011	1224.86	68.64	1308.68	82.26	1308.7	82.3	6.3	6.4
107219_41	2.7067	0.094	0.2305	0.012	1337.33	75.90	1320.86	82.22	1320.9	82.2	6.2	-1.2
107219_25	2.6258	0.089	0.2219	0.011	1292.04	72.27	1326.60	80.94	1326.6	80.9	6.1	2.6
107219_65	2.6967	0.092	0.2281	0.012	1324.31	74.75	1331.05	81.49	1331.0	81.5	6.1	0.5
107219_11	2.6172	0.088	0.2193	0.011	1278.06	71.46	1347.84	80.70	1347.8	80.7	6.0	5.2
107219_70	2.6699	0.090	0.2219	0.011	1292.05	72.40	1366.94	80.61	1366.9	80.6	5.9	5.5
107219_31	2.7314	0.092	0.2258	0.011	1312.53	73.54	1371.27	80.31	1371.3	80.3	5.9	4.3
107219_48	2.7762	0.096	0.2270	0.012	1318.84	74.64	1395.44	81.15	1395.4	81.1	5.8	5.5
107219_101	2.9354	0.099	0.2377	0.012	1374.87	77.33	1418.30	79.66	1418.3	79.7	5.6	3.1
107219_14	2.9286	0.100	0.2356	0.012	1364.03	76.78	1423.95	80.45	1423.9	80.4	5.6	4.2
107219_40	3.1813	0.111	0.2550	0.013	1464.04	84.21	1424.98	81.58	1425.0	81.6	5.7	-2.7
107219_47	3.1830	0.109	0.2530	0.013	1453.97	82.77	1450.66	80.09	1450.7	80.1	5.5	-0.2
107219_89	3.2432	0.109	0.2534	0.013	1455.80	82.45	1483.48	79.23	1483.5	79.2	5.3	1.9
107219_68	3.4624	0.119	0.2673	0.014	1527.30	87.85	1499.65	79.88	1499.6	79.9	5.3	-1.8
107219_38	3.3306	0.114	0.2574	0.013	1476.60	84.09	1500.25	79.58	1500.2	79.6	5.3	1.6
107219_76	3.4558	0.117	0.2652	0.013	1516.30	86.29	1517.61	78.84	1517.6	78.8	5.2	0.1
107219_44	3.5418	0.121	0.2706	0.014	1543.90	88.69	1525.52	79.49	1525.5	79.5	5.2	-1.2
107219_28	3.4408	0.116	0.2616	0.013	1498.25	85.14	1528.94	78.83	1528.9	78.8	5.2	2.0
107219_9	3.6607	0.125	0.2768	0.014	1575.36	90.49	1541.12	79.23	1541.1	79.2	5.1	-2.2
107219_23	3.4508	0.117	0.2599	0.013	1489.35	84.71	1556.47	78.53	1556.5	78.5	5.0	4.3
107219_80	3.3721	0.114	0.2530	0.013	1454.12	82.37	1559.86	78.33	1559.9	78.3	5.0	6.8
107219_83	3.6702	0.124	0.2716	0.014	1548.80	88.31	1585.22	78.08	1585.2	78.1	4.9	2.3
107219_30	3.6969	0.125	0.2729	0.014	1555.41	88.78	1587.93	78.06	1587.9	78.1	4.9	2.0
107219_62	3.8749	0.133	0.2820	0.014	1601.24	92.51	1616.06	78.85	1616.1	78.9	4.9	0.9
107219_98	3.9585	0.133	0.2842	0.014	1612.24	92.40	1644.19	77.42	1644.2	77.4	4.7	1.9
107219_77	4.4801	0.152	0.3014	0.015	1698.40	98.27	1771.95	76.51	1772.0	76.5	4.3	4.2
107219_29	4.8779	0.164	0.3230	0.016	1804.53	104.99	1785.79	76.06	1785.8	76.1	4.3	-1.0
107219_92	4.6569	0.158	0.3019	0.015	1700.67	98.29	1829.59	76.08	1829.6	76.1	4.2	7.0
107219_79	4.9206	0.166	0.3177	0.016	1778.25	103.30	1838.87	75.62	1838.9	75.6	4.1	3.3
107219_4	6.8628	0.234	0.3930	0.020	2136.81	128.26	2052.79	74.25	2052.8	74.3	3.6	-4.1
107219_69	7.0973	0.240	0.3832	0.019	2091.18	124.78	2151.30	73.10	2151.3	73.1	3.4	2.8
107219_97	14.6476	0.495	0.5163	0.026	2683.35	168.05	2873.12	68.21	2873.1	68.2	2.4	6.6

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107226_1_Zrn	0.8414	0.027	0.1012	0.005	621.25	31.93	613.69	87.12	621.2	31.9	5.1	-1.2
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Analysis ID	Isotopic ratios				Apparent ages				Preferred age (Ma)	± (Ma)	Uncertainty (%)	Discord. (%)
	$^{207}\text{Pb}/^{235}\text{U}$	± (%)	$^{206}\text{Pb}/^{238}\text{U}$	± (%)	$^{206}\text{Pb}/^{238}\text{U}$ (Ma)	± (Ma)	$^{207}\text{Pb}/^{206}\text{Pb}$ (Ma)	± (Ma)				
107226_10_Zrn	4.9746	0.163	0.3259	0.016	1818.42	102.56	1810.11	73.43	1810.1	73.4	4.1	-0.5
107226_100_Zrn	0.0636	0.003	0.0088	0.000	56.53	2.83	297.40	112.75	56.5	2.8	5.0	81.0
107226_101_Zrn	4.2776	0.142	0.2874	0.014	1628.76	91.18	1761.99	74.63	1762.0	74.6	4.2	7.6
107226_102_Zrn	0.5791	0.019	0.0743	0.004	462.25	23.48	470.20	89.69	462.3	23.5	5.1	1.7
107226_103_Zrn	4.7541	0.155	0.3151	0.015	1765.59	99.17	1790.09	73.53	1790.1	73.5	4.1	1.4
107226_104_Zrn	3.2554	0.108	0.2502	0.012	1439.32	78.91	1511.48	76.87	1511.5	76.9	5.1	4.8
107226_105_Zrn	0.5491	0.018	0.0700	0.003	436.20	22.15	475.59	90.10	436.2	22.1	5.1	8.3
107226_11_Zrn	6.2663	0.205	0.3640	0.018	2000.95	114.49	2025.65	71.50	2025.6	71.5	3.5	1.2
107226_12_Zrn	1.8551	0.061	0.1770	0.009	1050.54	55.84	1093.86	80.98	1093.9	81.0	7.4	4.0
107226_13_Zrn	3.5083	0.115	0.2646	0.013	1513.48	83.36	1550.62	75.85	1550.6	75.9	4.9	2.4
107226_14_Zrn	2.1484	0.070	0.1954	0.010	1150.49	61.59	1189.97	79.73	1190.0	79.7	6.7	3.3
107226_15_Zrn	1.8670	0.062	0.1803	0.009	1068.76	56.92	1070.20	81.59	1070.2	81.6	7.6	0.1
107226_16_Zrn	2.4771	0.081	0.2183	0.011	1272.76	68.85	1253.02	79.07	1253.0	79.1	6.3	-1.6
107226_17_Zrn	5.0318	0.165	0.3286	0.016	1831.48	103.66	1818.25	73.57	1818.2	73.6	4.0	-0.7
107226_18_Zrn	3.3757	0.111	0.2615	0.013	1497.33	82.55	1498.13	76.63	1498.1	76.6	5.1	0.1
107226_19_Zrn	0.8142	0.028	0.0984	0.005	605.25	31.32	601.69	90.58	605.3	31.3	5.2	-0.6
107226_2_Zrn	2.2866	0.075	0.2077	0.010	1216.72	65.49	1193.10	79.82	1193.1	79.8	6.7	-2.0
107226_20_Zrn	5.2818	0.173	0.3292	0.016	1834.49	103.68	1901.10	72.60	1901.1	72.6	3.8	3.5
107226_21_Zrn	0.4734	0.016	0.0605	0.003	378.47	19.19	485.64	90.39	378.5	19.2	5.1	22.1
107226_22_Zrn	0.0938	0.004	0.0135	0.001	86.71	4.34	202.65	102.99	86.7	4.3	5.0	57.2
107226_23_Zrn	0.2220	0.008	0.0317	0.002	201.21	10.06	229.21	95.58	201.2	10.1	5.0	12.2
107226_24_Zrn	4.8032	0.157	0.3116	0.015	1748.49	98.17	1829.50	73.24	1829.5	73.2	4.0	4.4
107226_25_Zrn	5.5085	0.183	0.3372	0.017	1873.13	106.86	1938.77	72.83	1938.8	72.8	3.8	3.4
107226_26_Zrn	1.7547	0.058	0.1728	0.009	1027.42	54.72	1030.23	82.35	1030.2	82.3	8.0	0.3
107226_27_Zrn	4.1430	0.205	0.2689	0.017	1535.17	109.73	1828.02	93.95	1828.0	93.9	5.1	16.0
107226_29_Zrn	1.7041	0.058	0.1717	0.009	1021.35	54.72	981.52	84.20	981.5	84.2	8.6	-4.1
107226_3_Zrn	3.4465	0.113	0.2581	0.013	1480.29	81.42	1561.85	76.00	1561.8	76.0	4.9	5.2
107226_30_Zrn	2.1208	0.070	0.1939	0.010	1142.70	61.22	1178.45	80.04	1178.5	80.0	6.8	3.0
107226_31_Zrn	2.8912	0.095	0.2418	0.012	1396.05	76.34	1350.64	78.45	1350.6	78.4	5.8	-3.4
107226_32_Zrn	3.6795	0.139	0.2582	0.014	1480.75	87.85	1685.30	78.46	1685.3	78.5	4.7	12.1
107226_33_Zrn	4.8566	0.161	0.3171	0.016	1775.34	100.68	1811.06	74.34	1811.1	74.3	4.1	2.0
107226_34_Zrn	0.3087	0.011	0.0448	0.002	282.24	14.36	196.66	96.70	282.2	14.4	5.1	-43.5
107226_35_Zrn	4.8142	0.158	0.3191	0.016	1785.10	100.55	1790.08	73.77	1790.1	73.8	4.1	0.3
107226_36_Zrn	5.2432	0.171	0.3240	0.016	1809.15	102.06	1916.50	72.47	1916.5	72.5	3.8	5.6
107226_37_Zrn	1.9475	0.064	0.1816	0.009	1075.69	57.34	1139.31	80.92	1139.3	80.9	7.1	5.6
107226_38_Zrn	3.0213	0.099	0.2450	0.012	1412.57	77.34	1412.39	77.55	1412.4	77.5	5.5	0.0
107226_39_Zrn	2.1225	0.070	0.1976	0.010	1162.64	62.52	1140.27	80.77	1140.3	80.8	7.1	-2.0

Analysis ID	Isotopic ratios				Apparent ages				Preferred age (Ma)	± (Ma)	Uncertainty (%)	Discord. (%)
	$^{207}\text{Pb}/^{235}\text{U}$	± (%)	$^{206}\text{Pb}/^{238}\text{U}$	± (%)	$^{206}\text{Pb}/^{238}\text{U}$ (Ma)	± (Ma)	$^{207}\text{Pb}/^{206}\text{Pb}$ (Ma)	± (Ma)				
107226_4_Zrn	2.1401	0.070	0.1984	0.010	1166.73	62.54	1151.45	80.18	1151.4	80.2	7.0	-1.3
107226_43_Zrn	1.7869	0.059	0.1744	0.009	1036.08	55.35	1050.82	81.95	1050.8	82.0	7.8	1.4
107226_44_Zrn	4.8245	0.158	0.3150	0.015	1765.35	99.41	1814.03	73.52	1814.0	73.5	4.1	2.7
107226_45_Zrn	2.0077	0.067	0.1915	0.009	1129.76	60.66	1095.68	81.54	1095.7	81.5	7.4	-3.1
107226_46_Zrn	1.5797	0.053	0.1624	0.008	970.01	51.36	953.91	83.49	970.0	51.4	5.3	-1.7
107226_47_Zrn	4.7330	0.155	0.3187	0.016	1783.24	100.50	1760.16	74.03	1760.2	74.0	4.2	-1.3
107226_48_Zrn	1.9846	0.065	0.1867	0.009	1103.24	58.95	1132.86	80.47	1132.9	80.5	7.1	2.6
107226_49_Zrn	1.8523	0.061	0.1775	0.009	1053.53	56.03	1084.12	80.98	1084.1	81.0	7.5	2.8
107226_5_Zrn	1.5060	0.050	0.1566	0.008	938.10	49.58	923.18	84.31	938.1	49.6	5.3	-1.6
107226_51_Zrn	1.4509	0.047	0.1503	0.007	902.62	47.40	928.09	82.86	902.6	47.4	5.3	2.7
107226_52_Zrn	1.6774	0.055	0.1645	0.008	981.81	51.88	1037.15	81.50	981.8	51.9	5.3	5.3
107226_53_Zrn	1.6919	0.056	0.1693	0.008	1008.41	53.42	995.54	82.26	995.5	82.3	8.3	-1.3
107226_54_Zrn	4.0191	0.131	0.2788	0.014	1585.47	87.81	1706.88	74.24	1706.9	74.2	4.3	7.1
107226_55_Zrn	3.2364	0.106	0.2557	0.013	1468.03	80.56	1460.97	76.79	1461.0	76.8	5.3	-0.5
107226_56_Zrn	1.6129	0.053	0.1612	0.008	963.58	50.86	998.12	81.93	963.6	50.9	5.3	3.5
107226_57_Zrn	1.7123	0.056	0.1706	0.008	1015.15	53.82	1008.86	82.11	1008.9	82.1	8.1	-0.6
107226_58_Zrn	3.2491	0.108	0.2536	0.012	1457.23	80.04	1482.42	77.25	1482.4	77.2	5.2	1.7
107226_59_Zrn	1.7072	0.056	0.1697	0.008	1010.67	53.55	1002.22	82.15	1002.2	82.2	8.2	-0.8
107226_6_Zrn	1.6575	0.054	0.1690	0.008	1006.41	53.31	960.35	82.69	960.3	82.7	8.6	-4.8
107226_60_Zrn	0.1691	0.006	0.0247	0.001	157.38	7.83	174.31	97.19	157.4	7.8	5.0	9.7
107226_61_Zrn	0.1822	0.006	0.0254	0.001	161.95	8.04	280.72	94.30	161.9	8.0	5.0	42.3
107226_62_Zrn	2.2911	0.075	0.2058	0.010	1206.54	64.89	1215.40	79.35	1215.4	79.4	6.5	0.7
107226_64_Zrn	0.0940	0.004	0.0129	0.001	82.39	4.10	321.25	102.14	82.4	4.1	5.0	74.4
107226_65_Zrn	0.0904	0.003	0.0133	0.001	85.44	4.23	157.36	96.86	85.4	4.2	5.0	45.7
107226_66_Zrn	0.2329	0.008	0.0333	0.002	211.05	10.52	228.61	95.87	211.1	10.5	5.0	7.7
107226_67_Zrn	3.5321	0.115	0.2642	0.013	1511.21	83.24	1566.53	75.74	1566.5	75.7	4.8	3.5
107226_68_Zrn	2.1993	0.072	0.1973	0.010	1160.99	62.24	1216.77	79.39	1216.8	79.4	6.5	4.6
107226_69_Zrn	1.6308	0.053	0.1613	0.008	963.89	50.88	1016.37	81.95	963.9	50.9	5.3	5.2
107226_7_Zrn	0.0717	0.003	0.0102	0.001	65.27	3.24	243.17	99.58	65.3	3.2	5.0	73.2
107226_70_Zrn	3.1800	0.104	0.2516	0.012	1446.91	79.30	1458.15	76.87	1458.1	76.9	5.3	0.8
107226_71_Zrn	0.0663	0.003	0.0095	0.000	60.80	3.03	221.48	107.13	60.8	3.0	5.0	72.5
107226_72_Zrn	2.7338	0.089	0.2266	0.011	1316.71	71.48	1373.14	77.73	1373.1	77.7	5.7	4.1
107226_73_Zrn	4.5349	0.148	0.3082	0.015	1731.72	97.10	1741.26	74.09	1741.3	74.1	4.3	0.5
107226_75_Zrn	1.8051	0.059	0.1750	0.009	1039.61	55.18	1064.73	81.07	1064.7	81.1	7.6	2.4
107226_76_Zrn	3.8018	0.125	0.2812	0.014	1597.16	88.58	1586.66	75.63	1586.7	75.6	4.8	-0.7
107226_77_Zrn	1.8246	0.060	0.1734	0.009	1030.93	55.00	1104.05	81.34	1104.0	81.3	7.4	6.6
107226_78_Zrn	4.9221	0.161	0.3267	0.016	1822.42	102.90	1783.45	73.82	1783.5	73.8	4.1	-2.2

Analysis ID	Isotopic ratios				Apparent ages				Preferred age (Ma)	± (Ma)	Uncertainty (%)	Discord. (%)
	$^{207}\text{Pb}/^{235}\text{U}$	± (%)	$^{206}\text{Pb}/^{238}\text{U}$	± (%)	$^{206}\text{Pb}/^{238}\text{U}$ (Ma)	± (Ma)	$^{207}\text{Pb}/^{206}\text{Pb}$ (Ma)	± (Ma)				
107226_79_Zrn	0.0834	0.003	0.0126	0.001	80.93	4.02	91.72	102.63	80.9	4.0	5.0	11.8
107226_8_Zrn	1.5558	0.052	0.1615	0.008	965.26	51.00	925.16	84.05	965.3	51.0	5.3	-4.3
107226_80_Zrn	1.7596	0.058	0.1696	0.008	1009.69	53.52	1071.53	81.84	1071.5	81.8	7.6	5.8
107226_81_Zrn	0.0728	0.003	0.0093	0.000	59.68	2.99	475.04	113.19	59.7	3.0	5.0	87.4
107226_82_Zrn	0.1198	0.005	0.0169	0.001	107.85	5.37	261.31	102.95	107.9	5.4	5.0	58.7
107226_83_Zrn	0.0947	0.003	0.0137	0.001	87.93	4.37	207.03	99.28	87.9	4.4	5.0	57.5
107226_84_Zrn	1.7548	0.058	0.1756	0.009	1042.71	55.38	996.09	82.24	996.1	82.2	8.3	-4.7
107226_86_Zrn	2.2964	0.075	0.2008	0.010	1179.46	63.33	1299.48	78.54	1299.5	78.5	6.0	9.2
107226_87_Zrn	0.2438	0.008	0.0345	0.002	218.92	10.95	247.40	96.27	218.9	11.0	5.0	11.5
107226_88_Zrn	4.9948	0.163	0.3334	0.016	1854.89	104.93	1776.90	73.63	1776.9	73.6	4.1	-4.4
107226_89_Zrn	0.6250	0.021	0.0794	0.004	492.74	25.11	505.59	90.62	492.7	25.1	5.1	2.5
107226_9_Zrn	2.4492	0.080	0.2100	0.010	1228.60	66.28	1306.89	78.45	1306.9	78.4	6.0	6.0
107226_90_Zrn	0.2120	0.007	0.0307	0.002	194.86	9.72	205.01	95.01	194.9	9.7	5.0	4.9
107226_91_Zrn	1.6666	0.054	0.1655	0.008	987.44	52.21	1012.76	81.81	987.4	52.2	5.3	2.5
107226_92_Zrn	2.6714	0.087	0.2231	0.011	1298.37	70.33	1356.34	77.92	1356.3	77.9	5.7	4.3
107226_93_Zrn	4.9240	0.161	0.3209	0.016	1794.00	101.02	1820.80	73.42	1820.8	73.4	4.0	1.5
107226_94_Zrn	4.2677	0.139	0.2916	0.014	1649.40	91.83	1736.72	73.99	1736.7	74.0	4.3	5.0
107226_95_Zrn	0.0589	0.003	0.0086	0.000	55.12	2.77	170.64	130.92	55.1	2.8	5.0	67.7
107226_96_Zrn	5.2676	0.172	0.3306	0.016	1841.43	104.05	1890.49	72.66	1890.5	72.7	3.8	2.6
107226_97_Zrn	2.0965	0.069	0.1963	0.010	1155.60	61.92	1131.25	80.52	1131.2	80.5	7.1	-2.2
107226_98_Zrn	1.4284	0.047	0.1504	0.007	903.48	47.48	895.73	83.54	903.5	47.5	5.3	-0.9
107226_99_Zrn	4.7114	0.154	0.3079	0.015	1730.15	96.93	1814.92	73.35	1814.9	73.4	4.0	4.7
Lower Real Formation-Sample 1072-21 (N=90). 73.90349°W 6.37924°N												
107221_38	0.0913	0.004	0.0129	0.001	82.40	4.15	260.52	118.13	82.4	4.2	5.0	68.4
107221_89	0.2097	0.007	0.0293	0.001	186.19	9.30	278.13	96.16	186.2	9.3	5.0	33.1
107221_77	0.2235	0.011	0.0299	0.002	189.89	9.68	375.95	121.53	189.9	9.7	5.1	49.5
107221_103	0.2044	0.007	0.0304	0.002	193.06	9.69	137.56	101.01	193.1	9.7	5.0	-40.3
107221_10	0.2219	0.008	0.0314	0.002	199.06	9.94	241.89	96.93	199.1	9.9	5.0	17.7
107221_40	0.2211	0.007	0.0319	0.002	202.41	10.17	202.67	96.05	202.4	10.2	5.0	0.1
107221_26	0.2226	0.007	0.0320	0.002	202.81	10.10	212.29	94.57	202.8	10.1	5.0	4.5
107221_59	0.2720	0.009	0.0381	0.002	241.25	12.08	271.78	94.36	241.2	12.1	5.0	11.2
107221_12	0.5768	0.019	0.0734	0.004	456.88	23.22	489.74	90.31	456.9	23.2	5.1	6.7
107221_61	0.6895	0.023	0.0855	0.004	528.66	27.04	548.09	88.35	528.7	27.0	5.1	3.5
107221_31	0.7247	0.024	0.0875	0.004	540.72	27.68	603.89	88.66	540.7	27.7	5.1	10.5
107221_65	1.2167	0.043	0.1313	0.007	795.18	41.89	837.98	88.42	795.2	41.9	5.3	5.1
107221_86	1.3843	0.045	0.1441	0.007	867.80	45.47	918.33	83.01	867.8	45.5	5.2	5.5
107221_100	1.3734	0.046	0.1468	0.007	883.03	46.37	861.68	84.89	883.0	46.4	5.3	-2.5

Analysis ID	Isotopic ratios				Apparent ages				Preferred age (Ma)	± (Ma)	Uncertainty (%)	Discord. (%)
	$^{207}\text{Pb}/^{235}\text{U}$	± (%)	$^{206}\text{Pb}/^{238}\text{U}$	± (%)	$^{206}\text{Pb}/^{238}\text{U}$ (Ma)	± (Ma)	$^{207}\text{Pb}/^{206}\text{Pb}$ (Ma)	± (Ma)				
107221_48	1.4706	0.051	0.1509	0.008	905.89	48.45	943.91	85.53	905.9	48.4	5.3	4.0
107221_32	1.4925	0.049	0.1511	0.007	906.87	47.68	972.22	82.44	906.9	47.7	5.3	6.7
107221_79	1.5589	0.051	0.1566	0.008	937.83	49.38	988.57	82.11	937.8	49.4	5.3	5.1
107221_98	1.5850	0.052	0.1580	0.008	945.61	49.84	1007.55	81.92	945.6	49.8	5.3	6.1
107221_22	1.6055	0.053	0.1604	0.008	959.15	50.66	1000.12	82.09	959.1	50.7	5.3	4.1
107221_53	1.5733	0.052	0.1622	0.008	968.88	51.32	934.89	83.81	968.9	51.3	5.3	-3.6
107221_54	1.6413	0.054	0.1626	0.008	971.13	51.46	1019.62	82.45	971.1	51.5	5.3	4.8
107221_62	1.6246	0.054	0.1628	0.008	972.31	51.57	992.86	82.87	972.3	51.6	5.3	2.1
107221_41	1.6685	0.055	0.1639	0.008	978.17	51.96	1038.85	82.19	978.2	52.0	5.3	5.8
107221_39	1.6591	0.055	0.1645	0.008	981.68	52.01	1009.96	82.31	981.7	52.0	5.3	2.8
107221_21	1.6746	0.055	0.1656	0.008	987.60	52.31	1030.94	82.35	987.6	52.3	5.3	4.2
107221_35	1.6411	0.054	0.1670	0.008	995.83	52.93	961.05	83.15	995.8	52.9	5.3	-3.6
107221_56	1.6773	0.057	0.1676	0.008	998.85	53.10	998.72	83.76	998.9	53.1	5.3	0.0
107221_36	1.6969	0.056	0.1678	0.008	1000.14	53.15	1018.00	82.40	1018.0	53.1	8.1	1.8
107221_66	1.8019	0.060	0.1762	0.009	1046.34	56.12	1043.24	82.72	1043.2	56.1	7.9	-0.3
107221_69	1.7440	0.058	0.1688	0.008	1005.63	53.68	1063.47	82.67	1063.5	53.7	7.8	5.4
107221_11	1.8440	0.061	0.1777	0.009	1054.57	56.14	1072.32	82.08	1072.3	56.1	7.7	1.7
107221_92	1.9257	0.065	0.1823	0.009	1079.29	57.61	1109.52	82.26	1109.5	57.6	7.4	2.7
107221_99	2.0128	0.067	0.1883	0.009	1112.27	59.46	1128.39	81.32	1128.4	59.5	7.2	1.4
107221_72	1.8006	0.061	0.1690	0.008	1006.85	53.94	1129.84	81.99	1129.8	54.0	7.3	10.9
107221_81	1.9845	0.065	0.1849	0.009	1093.54	58.32	1143.60	80.32	1143.6	58.3	7.0	4.4
107221_25	1.9988	0.066	0.1853	0.009	1095.96	58.51	1146.77	80.60	1146.8	58.5	7.0	4.4
107221_95	2.0267	0.066	0.1871	0.009	1105.60	59.02	1158.38	80.23	1158.4	59.0	6.9	4.6
107221_96	2.0044	0.066	0.1814	0.009	1074.74	57.41	1206.13	79.65	1206.1	57.4	6.6	10.9
107221_105	2.1378	0.070	0.1920	0.009	1132.17	60.57	1219.45	79.33	1219.4	60.6	6.5	7.2
107221_46	2.2639	0.076	0.2028	0.010	1190.12	64.54	1220.16	80.46	1220.2	64.5	6.6	2.5
107221_23	2.2335	0.074	0.1996	0.010	1173.04	63.01	1225.54	79.81	1225.5	63.0	6.5	4.3
107221_3	2.2053	0.072	0.1962	0.010	1154.84	61.86	1232.14	79.34	1232.1	61.9	6.4	6.3
107221_104	2.0675	0.068	0.1863	0.009	1101.53	58.98	1240.72	79.54	1240.7	59.0	6.4	11.2
107221_28	2.3749	0.078	0.2089	0.010	1223.01	65.86	1255.21	78.98	1255.2	65.9	6.3	2.6
107221_88	2.4316	0.080	0.2138	0.011	1249.00	67.53	1256.50	79.22	1256.5	67.5	6.3	0.6
107221_75	2.4489	0.080	0.2133	0.010	1246.26	67.29	1274.35	79.05	1274.3	67.3	6.2	2.2
107221_84	2.4038	0.079	0.2065	0.010	1210.10	65.14	1301.81	78.53	1301.8	65.1	6.0	7.0
107221_91	2.4693	0.081	0.2105	0.010	1231.58	66.35	1315.79	78.30	1315.8	66.3	6.0	6.4
107221_82	2.4292	0.080	0.2070	0.010	1212.94	65.28	1316.58	78.43	1316.6	65.3	6.0	7.9
107221_16	2.5830	0.084	0.2189	0.011	1276.12	69.02	1326.01	78.11	1326.0	69.0	5.9	3.8
107221_45	2.6034	0.087	0.2196	0.011	1279.54	69.94	1336.43	79.41	1336.4	69.9	5.9	4.3

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	$^{207}\text{Pb}/^{235}\text{U}$	± (%)	$^{206}\text{Pb}/^{238}\text{U}$	± (%)	$^{206}\text{Pb}/^{238}\text{U}$ (Ma)	± (Ma)	$^{207}\text{Pb}/^{206}\text{Pb}$ (Ma)	± (Ma)				
107221_101	2.7703	0.090	0.2309	0.011	1339.20	72.80	1361.61	77.75	1361.6	77.8	5.7	1.6
107221_80	2.8177	0.093	0.2329	0.011	1349.72	73.40	1374.33	77.90	1374.3	77.9	5.7	1.8
107221_5	2.5378	0.147	0.2091	0.014	1223.85	90.02	1383.05	122.93	1383.0	122.9	8.9	11.5
107221_18	2.9182	0.096	0.2390	0.012	1381.60	75.41	1389.51	77.80	1389.5	77.8	5.6	0.6
107221_71	3.0501	0.102	0.2451	0.012	1413.34	77.97	1428.41	78.34	1428.4	78.3	5.5	1.1
107221_19	3.0012	0.098	0.2413	0.012	1393.48	76.13	1432.35	77.24	1432.3	77.2	5.4	2.7
107221_34	3.1958	0.105	0.2543	0.012	1460.46	80.23	1447.45	77.15	1447.4	77.1	5.3	-0.9
107221_2	3.3462	0.110	0.2654	0.013	1517.49	83.67	1456.81	76.95	1456.8	76.9	5.3	-4.2
107221_20	3.0690	0.102	0.2417	0.012	1395.76	76.88	1466.95	77.80	1467.0	77.8	5.3	4.9
107221_1	2.8794	0.100	0.2262	0.012	1314.43	74.01	1475.38	79.89	1475.4	79.9	5.4	10.9
107221_76	2.9565	0.097	0.2317	0.011	1343.57	73.37	1476.78	77.04	1476.8	77.0	5.2	9.0
107221_90	3.0889	0.101	0.2412	0.012	1392.80	76.02	1484.89	76.62	1484.9	76.6	5.2	6.2
107221_94	3.0807	0.101	0.2406	0.012	1390.05	75.84	1486.08	76.51	1486.1	76.5	5.1	6.5
107221_29	3.4181	0.112	0.2667	0.013	1524.13	84.09	1486.73	76.80	1486.7	76.8	5.2	-2.5
107221_63	3.3473	0.111	0.2604	0.013	1491.81	82.43	1488.54	77.06	1488.5	77.1	5.2	-0.2
107221_70	3.1482	0.106	0.2446	0.012	1410.80	77.88	1492.10	77.78	1492.1	77.8	5.2	5.4
107221_15	3.3015	0.108	0.2547	0.012	1462.70	80.30	1506.59	76.39	1506.6	76.4	5.1	2.9
107221_67	3.3645	0.111	0.2595	0.013	1487.32	82.21	1510.12	76.85	1510.1	76.9	5.1	1.5
107221_9	3.3813	0.110	0.2598	0.013	1488.98	81.85	1514.99	76.09	1515.0	76.1	5.0	1.7
107221_27	3.4207	0.112	0.2604	0.013	1491.99	82.05	1532.95	76.04	1533.0	76.0	5.0	2.7
107221_49	3.4859	0.118	0.2645	0.013	1512.95	84.60	1533.37	77.83	1533.4	77.8	5.1	1.3
107221_13	3.4853	0.114	0.2651	0.013	1515.87	83.59	1533.79	76.21	1533.8	76.2	5.0	1.2
107221_43	3.4653	0.116	0.2638	0.013	1509.50	83.89	1534.83	77.10	1534.8	77.1	5.0	1.7
107221_52	3.6011	0.120	0.2702	0.013	1541.76	85.82	1560.12	76.69	1560.1	76.7	4.9	1.2
107221_78	3.4190	0.112	0.2520	0.012	1448.99	79.54	1593.45	75.50	1593.4	75.5	4.7	9.1
107221_47	3.9805	0.134	0.2883	0.014	1632.85	91.83	1623.38	76.28	1623.4	76.3	4.7	-0.6
107221_51	4.5924	0.154	0.3106	0.015	1743.90	98.75	1749.37	75.15	1749.4	75.1	4.3	0.3
107221_14	4.2440	0.139	0.2856	0.014	1619.73	90.17	1760.22	74.07	1760.2	74.1	4.2	8.0
107221_30	4.8590	0.159	0.3202	0.016	1790.50	100.82	1799.18	73.52	1799.2	73.5	4.1	0.5
107221_68	4.7337	0.157	0.3078	0.015	1729.98	97.57	1821.23	74.03	1821.2	74.0	4.1	5.0
107221_37	4.5825	0.150	0.2980	0.015	1681.17	93.96	1825.48	73.33	1825.5	73.3	4.0	7.9
107221_102	4.7497	0.156	0.3084	0.015	1732.94	97.41	1832.75	73.57	1832.7	73.6	4.0	5.4
107221_17	4.8707	0.159	0.3144	0.015	1762.16	98.99	1835.25	73.25	1835.2	73.2	4.0	4.0
107221_73	4.8292	0.160	0.3094	0.015	1737.53	97.66	1844.67	73.62	1844.7	73.6	4.0	5.8
107221_33	5.2804	0.174	0.3265	0.016	1821.60	103.04	1909.10	72.85	1909.1	72.8	3.8	4.6
107221_83	5.1334	0.172	0.3159	0.016	1769.55	101.19	1923.73	74.02	1923.7	74.0	3.8	8.0
107221_8	6.4341	0.211	0.3768	0.018	2061.20	118.62	2012.21	71.85	2012.2	71.9	3.6	-2.4
107221_7	6.5112	0.213	0.3765	0.018	2059.76	118.48	2034.51	71.58	2034.5	71.6	3.5	-1.2
107221_57	6.7580	0.222	0.3774	0.019	2064.01	119.14	2093.15	71.36	2093.1	71.4	3.4	1.4