Datashare 69:

Sandstone provenance and insights into the paleogeography of the McMurray Formation from detrital zircon geochronology, Athabasca Oil Sands, Canada

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URANIUM-LEAD GEOCHRONOLOGIC ANALYSES OF DETRITAL ZIRCON (NU HIGH-RESOLUTION INDUCTIVELY COUPLED PLASMA MASS SPECTROMETRY)

Zircon crystals are extracted from samples by traditional methods of crushing and grinding, followed by separation with a Wilfley table, heavy liquids, and a Frantz magnetic separator. Samples are processed such that all zircons are retained in the final heavy mineral fraction. A large split of these grains (generally thousands of grains) is incorporated into a 1-in. epoxy mount together with fragments of our Sri Lanka standard zircon. The mounts are sanded down to a depth of ~20 microns, polished, imaged, and cleaned prior to isotopic analysis.

Uranium-lead (U-Pb) geochronology of zircons is conducted by laser ablation multicollector inductively coupled plasma mass spectrometry (ICPMS) at the Arizona LaserChron Center (Gehrels et al., 2006, 2008). The analyses involve ablation of zircon with a Photon Machines Analyte G2 excimer laser (or, prior to May 2011, a New Wave UP193HE Excimer laser) using a spot diameter of 30 microns. The ablated material is carried in helium into the plasma source of a Nu high-resolution ICPMS, which is equipped with a flight tube of sufficient width that U, thorium (Th), and Pb isotopes are measured simultaneously. All measurements are made in static mode, using Faraday detectors with 3×1011 ohm resistors for 238U, 232Th, 208Pb-206Pb, and discrete dynode ion counters for 204Pb and 202Hg (mercury). Ion yields are ~0.8 mv/ppm. Each analysis consists of 1 15-sec integration on peaks with the laser off (for backgrounds), 15 1-sec integrations with the laser firing, and a 30-sec delay to purge the previous sample and prepare for the next analysis. The ablation pit is ~15 microns in depth. For each analysis, the errors in determining 206Pb/238U and 206Pb/204Pb result in a measurement error of approximately 1%–2% (at 2-sigma level) in the 206Pb/238U age. The errors in measurement of 206Pb/207Pb and 206Pb/204Pb also result in approximately 1%–2% (at 2-sigma level) uncertainty in age for grains that are greater than 1.0 Ga, but are substantially larger for younger grains due to low intensity of the 207Pb signal. For most analyses, the crossover in precision of 206Pb/238U and 206Pb/207Pb ages occurs at approximately 1.0 Ga.

The 204Hg interference with 204Pb is accounted for in measurement of 202Hg during laser ablation and subtraction of 204Hg according to the natural 202Hg/204Hg of 4.35. This Hg correction is not significant for most analyses because our Hg backgrounds are low (generally ~150 cps at mass 204).

Common Pb correction is accomplished by using the Hg-corrected 204Pb and assuming an initial Pb composition from Stacey and Kramers (1975). Uncertainties of 1.5 for 206Pb/204Pb and 0.3 for 207Pb/ 204Pb are applied to these compositional values based on the variation in Pb isotopic composition in modern crystal rocks.

Interelement fractionation of Pb/U is generally approximately 5%, whereas apparent fractionation of Pb isotopes is generally less than 0.2%. In-run analysis of fragments of a large zircon crystal (generally every fifth measurement) with known age of 563.5 ± 3.2 Ma (2-sigma error) is used to correct for this fractionation. The uncertainty resulting from the calibration correction is generally 1%–2% (2-sigma) for both 206Pb/207Pb and 206Pb/238U ages. Concentrations of U and Th are calibrated relative to our Sri Lanka zircon, which contains approximately 518 ppm U and 68 ppm Th.

The analytical data are reported in the following tables. Uncertainties shown in these tables are at the

1-sigma level, and include only measurement errors. Analyses that are greater than 20% discordant (by comparison of 206Pb/238U and 206Pb/207Pb ages) or greater than 5% reverse discordant (in italics in the data tables) are not considered further.

The resulting interpreted ages are shown on Pb*/U concordia diagrams and relative age–probability diagrams using the routines in Isoplot (Ludwig, 2008). The age–probability diagrams show each age and its uncertainty (for measurement error only) as a normal distribution, and sum all ages from a sample into a single curve. Composite age probability plots are made from an in-house Excel program that normalizes each curve according to the number of constituent analyses, such that each curve contains the same area, and then stacks the probability curves.

REFERENCES CITED

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The following information is applicable for each data table.

- 1. Analyses with >10% uncertainty (1-sigma) in 206Pb/238U age are not included.
- 2. Analyses with >10% uncertainty (1-sigma) in 206Pb/207Pb age are not included, unless 206Pb/238U age is <500 Ma.

- 3. Best age is determined from 206Pb/238U age for analyses with 206Pb/238U age <1000 Ma and from 206Pb/207Pb age for analyses with 206Pb/ 238Uage >1000 Ma.
- Concordance is based on 206Pb/238U age/206Pb/ 207Pb age. Value is not reported for 206Pb/238U ages <500 Ma because of large uncertainty in 206Pb/207Pb age.
- 5. Analyses with 206Pb/238U age >500 Ma and with >20% discordance (<80% concordance) are not included.
- 6. Analyses with 206Pb/238U age >500 Ma and with >5% reverse discordance (<105% concordance) are not included.
- 7. All uncertainties are reported at the 1-sigma level, and include only measurement errors.
- Systematic errors are as follows (at 2-sigma level): [sample 1: 2.5% (206Pb/238U) and 1.4% (206Pb/ 207Pb)]. These values are reported on cells U1 and W1 of NUagecalc.
- 9. Analyses conducted by laser ablation multicollector ICPMS, as described by Gehrels et al. (2008).
- 10. The U concentration and U/Th are calibrated relative to Sri Lanka zircon standard and are accurate to ~20%.
- 11. Common Pb correction is from measured 204Pb with common Pb composition interpreted from Stacey and Kramers (1975).
- 12. Common Pb composition assigned uncertainties of 1.5 for 206Pb/204Pb, 0.3 for 207Pb/204Pb, and 2.0 for 208Pb/204Pb.
- 13. The U/Pb and 206Pb/207Pb fractionation is calibrated relative to fragments of a large Sri Lanka zircon of 563.5 ± 3.2 Ma (2-sigma).
- 14. The U decay constants and composition are as follows: 238U=9.8485×10¹⁰, 235U=1.55125×10¹⁰, 238U/235U=137.88.
- 15. Weighted mean and concordia plots determined with Isoplot (Ludwig, 2008). Data tables are listed with the sample number (e.g., CW1) followed by the location of the well, given in the Canadian Dominion Land Survey format. See text for description.

CW1 (1AA/13-24-082-10W4/00)

						Isotope R	atios					Appa	arent Ages						
Analysis	U	206Pb	U/Th	206Pb*	±	207Pb*	±	206Pb*	ŧ	error	206Pb*	±	207Pb*	±	206Pb*	±	Best age	±	Conc
	(ppm)	204Pb		207Pb*	(%)	235U*	(%)	238U	(%)	corr.	238U*	(Ma)	235U	(Ma)	207Pb*	(Ma)	(Ma)	(Ma)	(%)
CW-1-10	210	32782	2.4	21.2570	7.5	0.1951	7.6	0.0301	1.5	0.19	191.1	2.8	181.0	12.7	51.4	179.1	191.1	2.8	NA
CW-1-66	194	16850	1.2	18.3647	8.8	0.3089	9.1	0.0411	2.3	0.26	259.9	6.0	273.3	21.9	389.8	198.7	259.9	6.0	NA
CW-1-38	152	35034	1.4	18.8902	6.0	0.3130	6.5	0.0429	2.4	0.37	270.7	6.3	276.5	15.6	326.1	136.5	270.7	6.3	NA
CW-1-25	140	34643	3.7	19.5411	3.3	0.3282	3.9	0.0465	2.1	0.53	293.1	5.9	288.2	9.7	248.7	75.6	293.1	5.9	NA
CW-1-24	121	23688	0.8	19.0901	3.2	0.3505	3.3	0.0485	0.9	0.28	305.5	2.8	305.1	8.7	302.2	72.5	305.5	2.8	NA
CW-1-74	183	23241	0.8	18.6930	2.2	0.3985	2.5	0.0540	1.2	0.48	339.2	4.0	340.6	7.3	349.9	49.7	339.2	4.0	NA
CW-1-53	119	40696	1.0	18.8231	2.5	0.4611	2.9	0.0629	1.6	0.53	393.5	5.9	385.0	9.4	334.2	56.3	393.5	5.9	NA
CW-1-34	120	105404	1.8	17,9131	3.5	0.5209	3.8	0.0677	1.6	0.41	422.1	6.3	425.7	13.2	445.4	77.2	422.1	6.3	94.8
CW-1-47	114	36367	1.0	18 2868	4.4	0.5130	4.6	0.0680	1.0	0.24	424.3	4.6	420.4	15.8	399.3	99.7	424.3	4.6	106.3
CW-1-99	100	31075	0.8	18.0580	3.1	0.5570	3.4	0.0730	1.1	0.42	453.0	6.3	449.6	12.5	427.5	69.6	453.0	6.3	106.0
CW 1 30	100	51373	0.0	10.0000	3.1	0.5570	3.4	0.0730	0.0	0.42	455.5	0.5	443.0	10.0	412.4	64.1	453.3	0.5	110.2
CW-1-20	136	51030	0.9	18.1601	2.9	0.5536	3.0	0.0730	0.9	0.29	454.3	3.8	447.5	10.8	412.4	64.1	454.3	3.0	110.2
CW-1-15	1/4	104283	0.8	17.5311	3.0	0.5773	3.1	0.0734	0.9	0.30	456.7	4.1	462.8	11.7	493.1	66.2	456.7	4.1	92.6
CW-1-58	268	86994	2.9	17.7906	1.6	0.5762	1.7	0.0743	0.7	0.41	462.3	3.1	462.0	6.4	460.6	34.8	462.3	3.1	100.4
CW-1-91	117	42326	0.8	17.4735	4.3	0.5899	5.1	0.0748	2.8	0.55	464.7	12.6	470.8	19.3	500.4	94.4	464.7	12.6	92.9
CW-1-60	123	37798	0.9	17.3421	1.5	0.6184	1.8	0.0778	1.0	0.54	482.8	4.6	488.8	7.1	517.0	33.9	482.8	4.6	93.4
CW-1-87	27	21070	1.5	18.4761	8.5	0.6795	8.8	0.0911	2.3	0.26	561.8	12.5	526.5	36.1	376.2	190.9	561.8	12.5	149.3
CW-1-52	35	25014	1.3	17.3185	9.6	0.7318	9.8	0.0919	1.9	0.19	566.9	10.3	557.6	42.1	520.0	211.5	566.9	10.3	109.0
CW-1-98	62	34587	1.4	16.4690	4.6	0.8632	4.8	0.1031	1.4	0.28	632.6	8.2	631.9	22.5	629.3	98.7	632.6	8.2	100.5
CW-1-82	80	18492	0.9	16.2534	4.7	0.8794	4.8	0.1037	1.1	0.23	635.8	6.8	640.7	23.0	657.7	101.2	635.8	6.8	96.7
CW-1-55	202	110999	1.4	16.3752	1.8	0.9043	2.0	0.1074	0.9	0.46	657.6	5.8	654.0	9.7	641.7	38.5	657.6	5.8	102.5
CW-1-54	37	40885	2.5	14.0384	3.5	1.6422	3.7	0.1672	1.1	0.30	996.7	10.2	986.6	23.2	964.1	71.5	964.1	71.5	103.4
CW-1-41	87	80370	2.9	13.8220	0.9	1.7239	1.4	0.1728	1.0	0.73	1027.6	9.4	1017.5	8.8	995.8	19.0	995.8	19.0	103.2
CW-1-7	190	201797	24	13 7473	0.8	1 7093	1.1	0.1704	0.8	0.68	1014.5	7.1	1012.0	7.2	1006.7	16.7	1006.7	16.7	100.8
CW-1-78	32	19334	12	13 7258	3.6	1 7548	3.8	0 1747	1.3	0.34	1037.9	12.4	1028.9	24.5	1009.9	72.2	1009.9	72.2	102.8
CW-1-79	182	167833	4.1	13 6601	1.0	1.6822	1.9	0 1667	1.0	0.84	993.7	14.3	1001.8	11.8	1019.6	20.4	1019.6	20.4	97.5
CW-1-17	83	72418	2.8	13 6523	1.0	1 7571	2.2	0.1740	1.0	0.63	1034.0	13.0	1029.8	14.0	1020.8	34.3	1020.8	34.3	101.3
CW-1-72	111	107716	2.0	13.6428	1.7	1.7317	1.0	0.1740	0.8	0.03	1019.5	7.8	1029.0	12.5	1020.0	35.7	1020.0	35.7	00.7
CW-1-40	100	144470	1.0	13,0428	1.0	1.7317	1.9	0.1714	0.0	0.42	1019.0	7.0	1020.4	7.0	1022.2	16.0	1022.2	16.0	109.7
CW 1 22	103	04005	2.4	13.020/	0.8	1.0118	1.1	0.1791	0.8	0.09	1002.0	1.5	1049.7	1.3	1024.3	10.3	1024.3	10.3	103.7
GW-1-32	124	61965	2.3	13.0246	1.0	1.7893	1.5	0.1768	1.2	0.78	1049.5	11.7	1041.6	10.0	1024.9	19.4	1024.9	19.4	102.4
GVV-1-44	/4	63/17	1.5	13.6091	1.5	1.7921	2.0	0.1769	1.3	0.66	1049.9	12.9	1042.6	13.2	1027.2	30.9	1027.2	30.9	102.2
CW-1-12	46	84191	2.2	13.5749	2.6	1.7935	2.9	0.1766	1.2	0.41	1048.2	11.2	1043.1	18.6	1032.3	52.7	1032.3	52.7	101.5
CW-1-11	199	314276	2.4	13.5577	0.8	1.7804	1.0	0.1751	0.6	0.64	1040.0	6.2	1038.3	6.6	1034.9	15.9	1034.9	15.9	100.5
CW-1-68	125	156217	4.8	13.5260	0.9	1.7756	1.2	0.1742	0.9	0.71	1035.2	8.4	1036.6	7.9	1039.6	17.3	1039.6	17.3	99.6
CW-1-100	214	183253	1.9	13.5138	0.8	1.7096	4.2	0.1676	4.1	0.98	998.6	37.9	1012.1	26.8	1041.4	17.2	1041.4	17.2	95.9
CW-1-5	267	405447	2.7	13.4615	0.5	1.8238	1.0	0.1781	0.9	0.90	1056.4	9.0	1054.1	6.8	1049.3	9.2	1049.3	9.2	100.7
CW-1-94	34	27513	1.2	13.4144	5.1	1.8597	5.4	0.1809	1.7	0.31	1072.0	16.6	1066.9	35.8	1056.3	103.7	1056.3	103.7	101.5
CW-1-57	120	438129	1.2	13.3128	1.2	1.9089	1.7	0.1843	1.2	0.72	1090.5	12.0	1084.2	11.1	1071.6	23.3	1071.6	23.3	101.8
CW-1-59	99	6393	2.7	13.2799	4.6	1.6753	5.8	0.1614	3.5	0.60	964.3	31.0	999.2	36.7	1076.6	92.6	1076.6	92.6	89.6
CW-1-96	64	43812	0.9	13.1598	0.9	1.9848	1.9	0.1894	1.7	0.89	1118.3	17.5	1110.3	13.0	1094.8	17.9	1094.8	17.9	102.1
CW-1-77	68	60273	1.0	13.1523	1.5	1.9014	1.9	0.1814	1.2	0.65	1074.5	12.2	1081.6	12.7	1095.9	29.2	1095.9	29.2	98.0
CW-1-93	134	142888	4.0	13 1395	0.5	1 9636	2.0	0 1871	1.9	0.97	1105.8	19.8	1103.1	13.6	1097.9	10.5	1097.9	10.5	100.7
CW-1-21	53	34313	12	13 1267	2.4	1 9084	3.0	0 1817	1.8	0.59	1076.2	17.4	1084.0	19.8	1099.8	47.9	1099.8	47.9	97.0
CW-1-19	56	57594	0.7	12 0331	2.7	2 0491	2.8	0.1017	0.8	0.00	1133.3	8.2	1132.0	10.0	1129.5	54.2	1129.5	54.2	100.3
CW 1 101	120	117506	2.7	12,0001	1.1	2.0401	1.0	0.1057	0.0	0.20	1153.5	6.6	1146.2	0.0	1125.5	20.0	1125.5	20.0	101.4
CW-1-101	120	117350	2.2	12.0939	1.1	2.0522	0.0	0.1937	0.0	0.01	1101.9	10.0	1140.2	46.0	1140.6	20.5	1133.3	20.5	101.4
CW-1-36	25	28734	1.3	12.0000	0.0	2.1169	0.0	0.1975	1.0	0.20	1161.6	10.0	1134.3	40.9	1140.6	130.0	1140.6	130.0	101.0
CW-1-73	113	78287	2.2	12.8515	0.8	2.0806	1.1	0.1939	0.7	0.68	1142.6	7.6	1142.4	7.3	1142.1	15.7	1142.1	15.7	100.1
CW-1-42	29	20916	1.3	12.7964	3.4	2.1727	5.8	0.2016	4.8	0.82	1184.1	51.8	1172.3	40.7	1150.6	66.6	1150.6	66.6	102.9
CW-1-3	144	265499	2.1	12.7865	0.8	2.1637	1.4	0.2007	1.1	0.83	1178.8	12.4	1169.5	9.6	1152.1	15.1	1152.1	15.1	102.3
CW-1-49	30	40332	1.5	12.7168	3.1	2.2140	3.2	0.2042	0.9	0.29	1197.8	10.1	1185.5	22.5	1163.0	61.0	1163.0	61.0	103.0
CW-1-33	72	32395	2.1	12.6480	1.8	2.2639	2.5	0.2077	1.8	0.72	1216.4	20.2	1201.1	17.9	1173.8	35.2	1173.8	35.2	103.6
CW-1-26	337	116484	4.5	12.6064	0.6	2.2004	0.9	0.2012	0.7	0.76	1181.7	7.5	1181.2	6.4	1180.3	11.8	1180.3	11.8	100.1
CW-1-61	88	106533	2.2	12.5374	1.1	2.1537	2.7	0.1958	2.4	0.91	1152.9	25.6	1166.3	18.5	1191.1	21.6	1191.1	21.6	96.8
CW-1-31	242	390303	0.8	12.5138	0.5	2.3142	1.1	0.2100	1.0	0.90	1229.0	11.0	1216.6	7.7	1194.8	9.1	1194.8	9.1	102.9
CW-1-84	102	105816	2.1	12.4995	4.1	2.1524	4.3	0.1951	1.4	0.32	1149.1	14.6	1165.8	29.8	1197.1	80.2	1197.1	80.2	96.0
CW-1-83	194	468248	3.9	12.4396	0.6	2.3012	1.3	0.2076	1.1	0.89	1216.1	12.6	1212.7	9.0	1206.6	11.3	1206.6	11.3	100.8
CW-1-103	134	100140	11	12 3562	1.0	2 3238	1.5	0.2083	12	0.77	1219.5	13.2	1219.6	10.9	1219.8	19.1	1219.8	19.1	100.0
CW-1-75	58	59501	17	12 3157	1.8	2 3215	3.1	0 2074	2.5	0.81	1214.7	27.8	1218.9	22.0	1226.2	35.7	1226.2	35.7	99.1
CW 1.63	126	163306	1.1	11 9095	1.0	2 5027	2.0	0.2220	1.6	0.01	1202.7	10.2	1208.6	14.7	1209.2	22.1	1209.2	22.1	00.1
CW 1 28	57	120080	1.4	11 7274	1.5	2.3327	1.0	0.2220	1.0	0.02	1232.7	12.4	1230.0	12.7	1221.7	22.1	1221.7	22.1	101.5
CW 1 70	165	284074	0.6	11.72/4	0.5	2.7215	1.0	0.2010	1.0	0.00	1396.2	16.2	1225.2	10.7	1226.6	20.0	1225.5	20.0	101.0
CW-1-70	103	204974	0.0	11.7043	0.3	2.0003	1.3	0.2202	1.4	0.54	1076.0	10.3	1323.3	0.0	1325.5	9.9	1323.3	3.5	05.5
CW-1-62	9	10371	1.0	11.6370	1.0	2.5942	9.0	0.2190	4.5	0.50	1270.3	51.7	1299.0	65.7	1330.7	150.5	1330.7	150.5	95.5
GVV-1-103	180	2911/7	3.8	11.6294	0.4	2.7904	1.0	0.2354	0.9	0.92	1362.5	11.1	1353.0	/.4	1337.9	/.6	1337.9	7.6	101.8
CVV-1-46	58	100759	2.4	11.6070	1.0	2.7308	1.7	0.2299	1.4	0.81	1333.9	17.0	1336.9	12.9	1341.6	19.7	1341.6	19.7	99.4
CVV-1-43	40	42781	2.2	11.5984	1.3	2.7782	1.7	0.2337	1.1	0.66	1353.9	14.0	1349.7	13.0	1343.1	25.2	1343.1	25.2	100.8
CW-1-2	47	35661	1.4	11.5322	2.5	2.6808	5.5	0.2242	4.9	0.89	1304.2	57.9	1323.2	40.8	1354.1	48.5	1354.1	48.5	96.3
CW-1-23	134	384934	2.2	11.4715	1.0	2.7919	1.5	0.2323	1.2	0.77	1346.4	14.4	1353.4	11.4	1364.3	18.7	1364.3	18.7	98.7
CW-1-89	177	95323	3.0	11.3040	1.2	2.8159	5.1	0.2309	5.0	0.97	1339.0	60.2	1359.8	38.4	1392.6	23.6	1392.6	23.6	96.2
CW-1-56	176	136732	2.0	11.0878	1.1	2.9822	1.7	0.2398	1.4	0.79	1385.7	16.9	1403.1	13.1	1429.5	20.3	1429.5	20.3	96.9
CW-1-6	128	151327	2.3	10.8862	0.4	3.2686	1.2	0.2581	1.2	0.95	1479.9	15.4	1473.6	9.6	1464.5	7.4	1464.5	7.4	101.1
CW-1-16	69	49982	1.1	10.8143	0.9	3.2001	1.8	0.2510	1.5	0.86	1443.6	19.8	1457.2	13.8	1477.0	17.3	1477.0	17.3	97.7
CW-1-106	214	252526	2.3	10.7544	0.4	3.3405	1.1	0.2606	1.0	0.93	1492.7	13.2	1490.6	8.3	1487.6	7.4	1487.6	7.4	100.3
CW-1-102	241	1367	1.3	10.5881	4.8	3.3114	6.7	0.2543	4.7	0.70	1460.5	61.0	1483.7	52.3	1517.0	90.7	1517.0	90.7	96.3
CW-1-9	252	393407	1.6	10.4958	0.2	3.5681	1.3	0.2716	1.3	0.99	1549.0	18.1	1542.5	10.5	1533.5	3.5	1533.5	3.5	101.0
CW-1-30	60	75522	0.5	9.9017	1.0	4.0766	1.4	0.2928	1.0	0.71	1655.3	14.2	1649.6	11.1	1642.4	17.7	1642.4	17.7	100.8
CW-1-22	55	75422	1.3	9.8652	1.4	4.1066	1.5	0.2938	0.6	0.41	1660.6	9.2	1655.6	12.4	1649.3	25.7	1649.3	25.7	100.7
CW-1-71	71	173249	0.8	9.8144	1.2	3.9840	1.8	0.2836	1.3	0.74	1609.4	18.9	1630.9	14.6	1658.8	22.4	1658.8	22.4	97.0
CW-1-39	383	721082	2.4	9,7755	1.6	4.0337	4.1	0.2860	3.8	0.92	1621.4	54.5	1641.0	33.6	1666.2	30.0	1666.2	30.0	97.3
CW-1-64	61	110904	2.2	9 6919	1.6	4 2540	22	0.2990	1.6	0.69	1686.5	23.0	1684 5	18.4	1682.1	29.9	1682.1	29.9	100.3
CW-1-81	202	270023	17	9 4 1 4 1	0.3	4 5686	0.8	0.3119	0.8	0.94	1750.2	12.2	1743.6	7.0	1735.6	5.3	1735.6	5.3	100.8
CW-1-4	85	130714	1.7	9 3827	0.0	4 6947	1 3	0.3105	1.0	0.76	1787.2	15.3	1766 3	10.8	1741 7	15.5	1741 7	15.5	102.6
CW-1 50	00	20250	1.9	0.3027	1.0	4.0947	1.0	0.0195	1.0	0.70	1600 4	22.0	1714.0	17.0	1741.7	22.0	1741.7	22.0	06.0
CW-1 20	122	204224	1.0	0.0022	1.3	4.4134	2.1 1.F	0.2994	1.0	0.76	1000.1	20.9 22 F	1011.0	12.0	1001 7	20.9	1901 7	20.9	101.4
GW-1-29	123	204221	1.9	9.0794	0.4	4.9563	1.5	0.3264	1.5	0.97	1820.8	23.5	1010.0	12.9	1801.7	0.0	1000.0	0.0	101.1
CVV-1-05	88	138498	1.0	8.9063	0.5	5.1770	0.9	0.3344	0.7	0.79	1859.7	11.1	1848.8	/.4	1836.6	9.5	1836.6	9.5	101.3
GVV-1-45	114	1695/4	0.8	8.8893	0.5	5.1791	1.1	0.3339	1.0	0.91	1857.3	16.1	1849.2	9.4	1840.1	8.4	1840.1	8.4	100.9
CW-1-88	52	98312	0.4	8.8677	0.6	5.1509	0.9	0.3313	0.8	0.79	1844.6	12.1	1844.5	8.1	1844.5	10.5	1844.5	10.5	100.0
CW-1-18	81	113887	0.5	8.8245	0.7	5.2375	1.1	0.3352	0.9	0.81	1863.6	15.0	1858.7	9.8	1853.3	12.2	1853.3	12.2	100.6
CW-1-14	110	292423	1.5	8.8207	0.3	5.2152	1.2	0.3336	1.2	0.97	1856.0	19.3	1855.1	10.5	1854.1	5.7	1854.1	5.7	100.1
CW-1-1	44	88961	3.2	8.7919	0.6	5.4175	1.1	0.3454	0.9	0.81	1912.8	14.1	1887.6	9.0	1860.0	11.2	1860.0	11.2	102.8
CW-1-80	96	215145	2.1	8.7742	0.7	5.3166	1.1	0.3383	0.8	0.72	1878.6	12.6	1871.5	9.1	1863.7	13.3	1863.7	13.3	100.8
CW-1-37	100	145847	4.5	8.7693	0.3	5.3068	0.7	0.3375	0.6	0.88	1874.7	9.5	1870.0	5.7	1864.6	5.7	1864.6	5.7	100.5
CW-1-51	58	76957	0.9	8.7377	1.3	5.5003	1.5	0.3486	0.8	0.54	1927.7	13.8	1900.6	13.1	1871.2	23.1	1871.2	23.1	103.0
CW-1-92	83	148020	0.6	8.7316	0.5	5.2994	1.4	0.3356	1.3	0.93	1865.5	21.2	1868.8	12.1	1872.4	9.5	1872.4	9.5	99.6
CW-1-69	80	215855	0.8	8.4676	0.7	5.7306	1.0	0.3519	0.7	0.66	1943.8	10.9	1936.0	8.6	1927.6	13.4	1927.6	13.4	100.8
CW-1-8	165	221552	1.3	8.4180	0.2	5.7585	0.9	0.3516	0.9	0.98	1942 1	15.5	1940 2	8.2	1938 1	3.8	1938 1	3.8	100.2
CW-1-48	77	123614	1.5	7 1982	0.4	7 8024	1.3	0 4073	1.2	0.96	2202 7	23.3	2208 5	117	2213.8	6.5	2213.8	6.5	99.5
CW-1-76	63	186832	0.0	6 7517	0.4	8 9311	1.3	0.4373	12	0.91	2338 7	23.8	2331.0	12.1	2324.2	9.3	2324.2	9.3	100.6
CW-1-105	60	14/202	0.9	5 8050	0.0	11 8022	1.0	0.4070	1.2	0.01	2601.0	25.0	2588.0	11.9	2524.2	3.3	2570 5	7.0	100.0
CW 1.05	110	144293	1.5	5 7000	0.4	12 4470	1.3	0.4970	1.2	0.94	2001.0	25.4	2000.9	11.8	20/9.5	1.2	2019.5	1.2	101.8
CW 1 95	119	2000031	0.7	5.7309	0.2	12.1173	1.0	0.5037	1.0	0.97	2029.5	21.0	2013.5	9.6	2001.2	3.8	2001.2	3.8	00.0
CW 1 05	51	104595	1.0	5.4206	0.4	13.1008	0.9	0.51/6	0.8	0.89	2089.1	17.2	2091./	8.3	2093.6	0.0	2093.6	0.0	99.8
CVV-1-35	75	1/5730	1.4	5.3218	0.2	13.9482	0.9	0.5384	0.9	0.98	2/76.6	19.4	2/46.2	8.3	2/23.9	2.7	2723.9	2.7	101.9
CW-1-97	87	188688	2.5	5.2601	0.3	13.8948	1.4	0.5301	1.3	0.97	2741.8	29.8	2742.6	13.0	2743.1	5.1	2743.1	5.1	100.0
1 CVV 1 27	42	285774	. 22	48/75	48	14 9100	5.8	0.5274	33	1 U 57	2/30.6	i (37	2809.5	1 55 4	2866.6	1/7	2866.6	1/7	95.3

CW2 (1AA/13-24-082-10W4/00)

Analyeie		206Pb	LI/Th	206Pb*	+	Isotope F	Ratio	206Pb*	+	error	206Pb*	Appare	ent Age	+	206Pb*	+	Bestade	+	Conc
Analysis	(ppm)	200Pb	0/11	200Pb*	± (%)	235U*	± (%)	200PD 238U	± (%)	corr.	238U*	т (Ma)	207FD 235U	т (Ма)	200Pb*	т (Ма)	(Ma)	т (Ма)	(%)
CW2-55	122	19325	1.9	19.4042	7.5	0.2204	8.1	0.0310	3.0	0.37	196.9	5.9	202.2	14.9	264.8	173.5	196.9	5.9	NA
CW2-15 CW2-96	92	22932	1.0	19.2536	2.3	0.2808	3.2	0.0392	2.3	0.71	247.9	5.6	251.3	15.7	282.7 395.8	52.3	247.9	3.7	NA NA
CW2-45	248	76247	1.4	18.3007	1.9	0.4506	2.4	0.0598	1.4	0.58	374.5	5.0	377.7	7.5	397.6	43.3	374.5	5.0	NA
CW2-68	46	10278	1.1	19.1577	17.6	0.4330	17.8	0.0602	2.8	0.16	376.6	10.4	365.3	54.8	294.1	404.5	376.6	10.4	NA NA
CW2-03	164	37597	0.7	18.3597	3.9	0.4493	4.1	0.0613	1.2	0.37	384.3	4.5	370.0	13.1	330.0	87.6	384.3	4.5	NA
CW2-46	258	75676	0.8	18.0486	1.8	0.5016	2.5	0.0657	1.7	0.68	410.0	6.8	412.8	8.5	428.6	41.1	410.0	6.8	95.7
CW2-73 CW2-12	89	28622	1.3	17.7971	5.7	0.5179	6.1 5.1	0.0668	2.1	0.34	417.1	8.3	423.7	21.1	459.8	126.8	417.1	8.3	90.7 91.4
CW2-106	325	72927	1.4	18.3594	1.1	0.5088	2.8	0.0678	2.6	0.92	422.6	10.4	417.6	9.5	390.4	24.1	422.6	10.4	108.2
CW2-80	186	33829	1.9	18.3897	1.6	0.5204	3.7	0.0694	3.3	0.90	432.6	14.0	425.4	12.9	386.7	36.8	432.6	14.0	111.9
CW2-8 CW2-4	413	193558	1.1	17.8599	0.8	0.5529	1.5	0.0716	1.2	0.82	445.9	5.2	446.9	5.3	452.0	18.7	445.9	5.2	98.6 100.2
CW2-21	351	187980	2.1	17.8054	0.7	0.5731	2.3	0.0740	2.2	0.95	460.3	9.6	460.0	8.4	458.8	16.3	460.3	9.6	100.3
CW2-90	126	30667	1.2	17.9500	3.2	0.5689	3.7	0.0741	1.8	0.49	460.5	8.1	457.3	13.6	440.8	71.8	460.5	8.1	104.5
CW2-32 CW2-54	39	28163	1.1	18.3000	7.9	0.5640	8.3 4.9	0.0749	2.5	0.31	465.4	11.3	454.2	20.5	397.7 524.8	75.2	465.4	11.3	117.0
CW2-9	270	117086	1.6	15.6761	1.1	0.8274	2.1	0.0941	1.8	0.87	579.6	10.1	612.2	9.7	734.7	22.5	579.6	10.1	78.9
CW2-55	249	158008	1.1	16.0629	0.7	0.9484	1.6	0.1105	1.5	0.90	675.6	9.4	677.2	8.0	682.9	14.8	675.6	9.4	98.9
CW2-32 CW2-101	204	193188	8.8	13.8353	0.0	1.4934	2.1	0.1330	2.0	0.90	1034.1	18.9	1021.2	13.7	943.1	16.1	993.8	16.1	104.1
CW2-18	233	145942	3.2	13.7745	0.6	1.6797	0.8	0.1678	0.5	0.66	1000.0	5.1	1000.9	5.3	1002.7	12.7	1002.7	12.7	99.7
CW2-77	85	66204 107370	2.0	13.7057	1.5	1.7266	1.9	0.1716	1.2	0.62	1021.1	11.3	1018.5	12.5	1012.9	31.0	1012.9	31.0	100.8
CW2-35	124	125270	1.3	13.6046	1.6	1.7123	2.8	0.1692	2.0	0.81	1013.1	20.9	1013.1	17.8	1013.3	33.2	1013.3	33.2	98.0
CW2-31	83	64434	2.2	13.5935	1.3	1.7337	1.7	0.1709	1.1	0.64	1017.2	10.3	1021.1	10.9	1029.5	26.3	1029.5	26.3	98.8
CW2-38 CW2-42	60 27	90422	0.9	13.5930 13.5842	2.7	1.7280	3.2	0.1704	1.8	0.56	1014.1 1042 0	16.7 13.5	1019.0	20.5	1029.6	53.7 87.9	1029.6	53.7 87.0	98.5 101.1
CW2-72	54	42888	1.2	13.4496	2.8	1.8189	3.6	0.1774	2.2	0.62	1052.9	21.5	1052.3	23.3	1051.1	56.2	1051.1	56.2	100.2
CW2-25	114	47733	1.6	13.4232	2.2	1.8077	3.5	0.1760	2.6	0.76	1045.0	25.4	1048.2	22.6	1055.0	45.2	1055.0	45.2	99.1
CW2-61 CW2-43	61 130	39059 104342	2.0	13.4046	1.7	1.8738	1.9	0.1822	0.9	0.48	1078.8	9.0 9.7	1071.9	12.6	1057.8 1058 8	33.8 16.8	1057.8	33.8	102.0
CW2-22	24	10580	1.0	13.3933	6.3	1.7577	6.6	0.1707	2.0	0.31	1016.2	19.1	1030.0	42.7	1059.5	126.4	1059.5	126.4	95.9
CW2-99	91	45507	3.0	13.3142	1.6	1.8659	2.7	0.1802	2.1	0.80	1067.9	21.1	1069.1	17.6	1071.4	31.9	1071.4	31.9	99.7
CW2-105 CW2-50	134 182	155336	1.4	13.2824	1.1	1.9160	2.4	0.1846	2.2	0.89	1091.9	21.7	1086.7	16.2	1076.2	22.1	1076.2	22.1	101.5
CW2-79	199	132877	1.9	13.2409	0.6	1.8939	1.1	0.1819	0.9	0.83	1077.2	8.9	1078.9	7.2	1082.5	12.1	1082.5	12.1	99.5
CW2-29	54	39606	1.5	13.2049	1.7	1.9299	2.0	0.1848	0.9	0.48	1093.3	9.4	1091.5	13.2	1088.0	34.6	1088.0	34.6	100.5
CW2-86 CW2-44	50	35080	1.8	13.1742	2.0	1.9022	3.0	0.1810	2.2	0.74	1076.6	13.7	1081.9	20.1	1092.6	40.5	1092.6	40.5	98.9
CW2-64	290	187065	1.9	13.0861	0.8	2.0501	2.6	0.1946	2.5	0.95	1146.1	26.2	1132.3	17.9	1106.0	15.9	1106.0	15.9	103.6
CW2-62	41	25094	1.7	13.0774	2.9	1.9335	3.0	0.1834	0.9	0.30	1085.4	9.0	1092.7	20.3	1107.4	57.8	1107.4	57.8	98.0
CW2-48 CW2-49	100	73616	4.3	12.9174	1.4	2.0505	4.7	0.1944	4.2	0.80	1133.4	19.6	1134.0	16.0	1131.9	27.8	1131.9	27.8	102.0
CW2-52	55	30642	0.9	12.8873	1.5	2.1137	1.9	0.1976	1.2	0.61	1162.2	12.3	1153.3	13.1	1136.6	30.1	1136.6	30.1	102.3
CW2-103 CW2-11	205	149942	1.7	12.8544	0.5	2.0559	1.8	0.1917	1.7	0.96	1130.4	17.6	1134.3	12.1	1141.7	23.8	1141.7	23.8	99.0
CW2-34	131	151258	1.6	12.8494	1.4	2.0905	2.4	0.1948	2.0	0.82	1132.3	20.6	1145.7	16.5	1142.4	27.5	1142.4	27.5	100.4
CW2-75	57	29642	1.8	12.7896	1.3	2.0837	3.0	0.1933	2.7	0.90	1139.1	27.9	1143.5	20.5	1151.6	26.4	1151.6	26.4	98.9
CW2-93 CW2-84	200	77766	1.4	12.7804	1.1	2.1453	2.5	0.1989	2.2	0.89	1169.1 1184.5	23.5	1163.5	17.1	1153.1	22.7	1153.1	22.7	101.4
CW2-67	116	77494	1.7	12.7153	1.2	2.1697	1.7	0.2001	1.2	0.70	1175.8	12.4	1170.2	11.5	1163.2	23.4	1163.2	23.4	101.1
CW2-97	228	536740	2.2	12.6987	0.6	2.2172	1.8	0.2042	1.7	0.95	1197.9	18.9	1186.5	12.7	1165.8	11.1	1165.8	11.1	102.8
CW2-39 CW2-6	217	177607	2.1	12.6897	0.6	2.1373	1.4	0.1967	1.2	0.90	1157.6	12.9	1160.9	9.4	1167.2	11.9 32.6	1167.2	32.6	99.2 97.3
CW2-70	153	230882	2.4	12.6713	0.5	2.1726	1.0	0.1997	0.9	0.87	1173.5	9.2	1172.3	6.8	1170.1	9.5	1170.1	9.5	100.3
CW2-10	77	63346	2.5	12.6459	1.6	2.1684	2.4	0.1989	1.7	0.73	1169.3	18.7	1171.0	16.6	1174.1	32.0	1174.1	32.0	99.6
CW2-3 CW2-28	58	74286	2.4	12.6450	1.3	2.1808	1.6	0.2000	1.0	0.61	1175.3	10.7	1174.9	27.6	1174.2	25.7	1174.2	30.6	97.3
CW2-36	169	173602	1.9	12.6164	0.9	2.1880	1.3	0.2002	0.9	0.73	1176.4	10.1	1177.2	9.0	1178.7	17.6	1178.7	17.6	99.8
CW2-47	120	88724	2.8	12.6135	0.9	2.1726	1.7	0.1988	1.4	0.83	1168.6	15.0	1172.3	11.8	1179.1	18.6	1179.1	18.6	99.1
CW2-66	41	32687	3.2	12.5353	2.1	2.0100	2.3	0.1042	0.9	0.38	1149.0	9.2	1163.8	15.9	1191.4	41.9	1191.4	41.9	96.4
CW2-95	35	26234	2.4	12.3522	3.0	2.0221	4.9	0.1812	3.9	0.80	1073.3	39.0	1123.0	33.5	1220.4	58.3	1220.4	58.3	87.9
CW2-87 CW2-33	82	69325 98260	2.7	12.2166	0.9	2.4121	3.0	0.2137	2.8	0.96	1248.6 1279.6	32.2	1246.2 1292 4	21.3	1242.1	16.9 20.3	1242.1	16.9	100.5 97.4
CW2-5	80	159305	2.5	11.5944	0.8	2.8205	1.5	0.2372	1.3	0.85	1372.0	15.8	1361.0	11.2	1343.7	15.1	1343.7	15.1	102.1
CW2-71	75	50476	1.6	11.4764	1.2	2.8356	1.8	0.2360	1.3	0.74	1366.0	16.3	1365.0	13.5	1363.5	23.4	1363.5	23.4	100.2
CW2-30 CW2-37	284	30658 370451	2.2	11.4431	1.8	2.7336	2.0	0.2269	2.1	0.45	1318.1	26.2	1337.6	14.9	1369.1	34.4 9.1	1369.1	34.4	96.3
CW2-82	43	80544	1.7	11.3458	0.8	2.9766	2.3	0.2449	2.2	0.94	1412.3	27.8	1401.7	17.7	1385.5	15.1	1385.5	15.1	101.9
CW2-20 CW2-19	86	84209	2.9	11.2134	8.0	2.8300	4.3	0.2302	4.3	0.98	1335.3	51.5	1363.5	32.6	1408.0	15.6	1408.0	15.6	94.8 00 4
CW2-89	58	60209	0.9	11.1610	0.8	3.1253	2.0	0.2530	1.0	0.93	1453.8	24.5	1438.9	15.5	1416.9	14.0	1416.9	14.0	102.6
CW2-27	139	205257	1.9	11.1194	0.6	3.0284	1.6	0.2442	1.4	0.91	1408.6	18.2	1414.8	12.0	1424.1	12.3	1424.1	12.3	98.9
CW2-14 CW2-91	67 189	60536 28056	2.1	11.1185	1.8	3.0511	2.5	0.2460	1.6	0.67	1418.0	20.9	1420.5	18.8	1424.2	35.0 21.2	1424.2	35.0	99.6 99.4
CW2-94	80	67022	1.1	10.9075	0.9	3.2330	1.2	0.2558	0.8	0.67	1468.1	10.8	1465.1	9.6	1460.8	17.6	1460.8	17.6	100.5
CW2-58	82	72699	1.6	10.8987	0.6	3.2241	1.5	0.2548	1.3	0.91	1463.4	17.6	1463.0	11.4	1462.3	11.4	1462.3	11.4	100.1
CW2-65 CW2-88	136 224	146987 188921	1.8	10.6433	0.7	3.4003	1.6	0.2625	1.5	0.91	1502.5	19.6 11.6	1504.5	12.6	1507.2	12.4	1507.2	12.4	99.7 99.9
CW2-100	201	380851	3.1	10.3187	0.2	3.7997	1.2	0.2844	1.2	0.98	1613.3	16.5	1592.7	9.5	1565.5	4.4	1565.5	4.4	103.1
CW2-76	105	59824	1.1	9.8792	0.6	4.0527	1.1	0.2904	1.0	0.87	1643.4	14.0	1644.8	9.1	1646.6	10.3	1646.6	10.3	99.8
CW2-56 CW2-1	88 95	/5831 112675	2.8	9.8685	0.9	4.1421 4.6311	2.8	0.2965	2.6	0.94	1673.7	38.6	1662.6	22.7	1648.6	16.9	1648.6	16.9	101.5
CW2-2	59	132472	1.0	9.3092	0.8	4.6927	1.1	0.3168	0.8	0.71	1774.3	11.9	1765.9	9.1	1756.1	14.0	1756.1	14.0	101.0
CW2-83	122	153967	5.7	9.1554	0.5	4.7652	3.3	0.3164	3.3	0.99	1772.2	50.7	1778.8	27.8	1786.5	9.2	1786.5	9.2	99.2
CW2-69 CW2-24	27	203937	0.7	8.8836	2.4	5.0667	3.2	0.3331	2.2	0.67	1853.2	34.7 24.9	1839.4	27.1	1823.7	42.8	1823.7	42.8	98.9
CW2-102	79	172695	2.0	8.8381	0.6	5.2561	1.8	0.3369	1.7	0.95	1871.8	27.8	1861.8	15.4	1850.6	10.4	1850.6	10.4	101.1
CW2-26	73	36571	1.4	8.8336	1.2	5.2158	1.9	0.3342	1.4	0.77	1858.5	23.3	1855.2	15.9	1851.5	21.3	1851.5	21.3	100.4
CW2-13	59	106821	2.8	8.7363	0.7	5.3545	2.0	0.3393	2.5	0.93	1883.1	41.2	1877.6	22.1	1871.5	9.8	1871.5	9.8	100.4
CW2-17	40	55526	2.5	8.7198	1.2	5.3743	1.9	0.3399	1.5	0.79	1886.1	24.8	1880.8	16.4	1874.9	21.1	1874.9	21.1	100.6
CW2-78	40	103704	1.2	6.5133	1.8	9.0632	5.3	0.4281	4.9	0.94	2297.3	95.2	2344.4	48.1	2385.6	31.3	2385.6	31.3	96.3
CW2-60	162	327086	2.0	5.9264	0.8	11.0138	1.5	0.4910	2.9	0.98	2498.5	31.4	2549.2	14.4	2528.8	9.3	2528.8	5.2	98.2
CW2-7	25	44036	1.2	5.8307	1.1	11.7605	2.3	0.4973	2.0	0.88	2602.3	42.6	2585.5	21.2	2572.4	18.2	2572.4	18.2	101.2
CW2-23 CW2-59	76	140547	2.0	5.8204	0.9	11.3890	2.5	0.4808	2.3	0.94	2530.6	48.9	2555.5	23.2	2575.3	14.2 4 /	2575.3	14.2	98.3 00.2
CW2-53	36	100805	1.3	5.4196	0.3	13.2752	2.0	0.5218	2.0	0.99	2706.8	44.0	2699.4	19.2	2693.9	7.1	2693.9	7.1	100.5
CW2-51	57	136911	2.2	4.5568	0.3	17.9846	1.9	0.5944	1.9	0.99	3007.1	44.8	2988.9	18.2	2976.7	4.9	2976.7	4.9	101.0

CW3 (1AA/13-24-082-10W4/00)

						Isotope R	Ratio					App	arent Age						
Analysis	U	206Pb	U/Th	206Pb*	±	207Pb*	±	206Pb*	±	error	206Pb*	±	207Pb*	±	206Pb*	±	Best age	±	Conc
01110.07	(ppm)	204Pb		207Pb*	(%)	2350*	(%)	2380	(%)	corr.	2380*	(Ma)	2350	(Ma)	207Pb*	(Ma)	(Ma)	(Ma)	(%)
CW3-97	288	26578	1.3	20.0533	6.7	0.2543	7.2	0.0370	2.6	0.36	234.2	5.9	230.1	14.9	188.8	157.0	234.2	5.9	NA
CW3-43	348	46662	1.6	18.1797	2.4	0.4628	2.9	0.0610	1.6	0.57	381.8	6.1	386.2	9.3	412.5	53.5	381.8	6.1	NA
CW3-46	100	43315	3.1	18.3054	5.7	0.4672	5.9	0.0622	1.5	0.26	389.2	5.8	389.2	19.1	389.7	128.0	389.2	5.8	NA
CW3-00	266	39942	1.0	19 2040	0.1	0.5237	0.0	0.0600	1.0	0.22	424.4	7.4	427.0	20.9	200.2	29.0	424.4	7.4	95.4
CW3-23	120	40505	1.0	19 5201	6.7	0.5130	2.3	0.0002	1.9	0.74	423.2	1.0	421.0	24.9	260.6	151.2	423.2	7.0	121.6
CW3-56	141	59000	0.8	17 3331	0.7	0.5375	2.4	0.0722	1.9	0.20	449.3	8.0	430.7	24.0	518.1	30.8	449.0	8.0	94.6
CW3-8	65	20787	1.4	17.0689	3.1	0.0203	3.6	0.0730	1.0	0.50	547.4	9.8	548.2	15.2	551.8	67.0	547.4	9.8	99.2
CW3-22	111	40184	0.6	16 7225	14	0.8046	3.9	0.0000	3.7	0.94	600.2	21.2	599.4	17.9	596.3	29.8	600.2	21.2	100.2
CW3-101	299	80735	3.2	16 1215	14	0.9315	2.4	0 1089	1.9	0.81	666.4	12 1	668.4	11.6	675.1	29.8	666.4	12.1	98.7
CW3-29	309	66073	2.3	15.6758	0.8	1.0540	1.9	0.1198	1.7	0.90	729.6	11.9	730.9	10.0	734.8	17.5	729.6	11.9	99.3
CW3-61	37	20813	3.0	14.3373	3.9	1.5491	4.3	0.1611	1.8	0.43	962.8	16.4	950.1	26.4	921.0	79.4	921.0	79.4	104.5
CW3-20	1042	5862	7.0	13.8595	0.4	1.4671	1.0	0.1475	0.9	0.92	886.8	7.9	917.0	6.2	990.3	8.2	990.3	8.2	89.6
CW3-31	79	55543	1.9	13.7582	1.4	1.6652	2.1	0.1662	1.6	0.77	990.9	14.8	995.3	13.4	1005.1	27.4	1005.1	27.4	98.6
CW3-21	256	171170	3.9	13.7161	0.4	1.7252	2.1	0.1716	2.1	0.98	1021.1	19.4	1018.0	13.5	1011.3	8.6	1011.3	8.6	101.0
CW3-44	350	317633	1.5	13.5974	0.3	1.7857	1.4	0.1761	1.4	0.98	1045.6	13.7	1040.3	9.4	1028.9	6.0	1028.9	6.0	101.6
CW3-7	254	465438	3.7	13.5817	0.6	1.8078	2.5	0.1781	2.4	0.97	1056.5	23.1	1048.3	16.0	1031.3	12.4	1031.3	12.4	102.4
CW3-45	61	49758	2.6	13.5807	2.2	1.8513	5.3	0.1823	4.8	0.91	1079.8	47.7	1063.9	34.9	1031.4	45.3	1031.4	45.3	104.7
CW3-96	49	46209	1.9	13.5578	4.1	1.8533	5.0	0.1822	2.8	0.57	1079.2	28.3	1064.6	33.2	1034.8	83.7	1034.8	83.7	104.3
CW3-95	339	96252	4.2	13.5405	0.8	1.7734	1.7	0.1742	1.5	0.88	1035.0	14.6	1035.8	11.3	1037.4	16.7	1037.4	16.7	99.8
CW3-92	63	24428	0.9	13.5193	3.7	1.7264	4.3	0.1693	2.2	0.51	1008.1	20.5	1018.4	27.9	1040.6	75.7	1040.6	75.7	96.9
CW3-38	57	74171	2.0	13.5128	2.1	1.7942	2.6	0.1758	1.6	0.62	1044.2	15.8	1043.4	17.2	1041.6	41.8	1041.6	41.8	100.3
CW3-90	124	47379	2.0	13.5063	1.9	1.8049	2.2	0.1768	1.2	0.51	1049.5	11.2	1047.2	14.6	1042.5	38.8	1042.5	38.8	100.7
CW3-78	71	29970	3.9	13.4713	3.7	1.7564	3.9	0.1716	1.1	0.28	1021.0	10.1	1029.5	25.1	1047.8	75.2	1047.8	75.2	97.4
CW3-67	57	22997	2.8	13.4212	2.7	1.7648	4.6	0.1718	3.7	0.81	1021.9	34.9	1032.6	29.7	1055.3	54.7	1055.3	54.7	96.8
CW3-102	104	28035	2.5	13.4193	2.6	1.8572	5.1	0.1808	4.4	0.86	1071.1	43.1	1066.0	33.7	1055.6	52.8	1055.6	52.8	101.5
CW3-34	35	29018	0.6	13.3994	2.3	1.8200	2.5	0.1769	0.9	0.36	1049.9	8.9	1052.7	16.5	1058.6	47.3	1058.6	47.3	99.2
CW3-40	98	61749	3.1	13.3757	0.9	1.8536	1.9	0.1798	1.6	0.87	1066.0	15.8	1064.7	12.2	1062.1	18.6	1062.1	18.6	100.4
CW3-30	44	39116	0.9	13.2732	1.2	1.8845	1.6	0.1814	1.0	0.65	1074.7	10.3	1075.7	10.5	1077.6	24.1	1077.6	24.1	99.7
CW3-99	232	14//04	2.9	13.1529	1.2	1.9600	1.6	0.1870	1.0	0.63	1104.9	10.2	1101.9	10.7	1095.8	24.9	1095.8	24.9	100.8
CW3-12	126	92030	2.2	13.03//	1.1	2.0308	1./	0.1920	1.3	0.76	1020.9	13.4	1062.0	60.9	1113.4	21.9	1113.4	21.9	101.7
CW3.66	130	62625	2.1	12 9/10	9.0	2.0797	9.2	0.1750	2.2	0.23	1140 9	20.8	11/1 0	147	1113.5	22.0	1113.5	22.0	30.4 Q0.7
CW3-72	102	109044	2.0	12.0410	1.1	2.0707	4.7	0.1950	4.4	0.00	1097.5	44.6	1141.0	31.6	1143.7	30.2	1154.5	30.2	95.1
CW3-84	63	41003	2.9	12.7711	2.9	2.0033	4.7	0.1030	4.4	0.33	1145.1	16.7	1150.8	22.6	1161.4	56.8	1161.4	56.8	98.6
CW3-88	540	355010	10.1	12.7207	2.5	2.1000	2.0	0.1944	2.1	0.43	1169.1	22.0	1169.0	15.1	1168.9	13.8	1168.9	13.8	100.0
CW3-23	305	57432	1.9	12.6748	0.4	2 2089	3.3	0.2031	3.3	0.99	1191.7	35.7	1183.9	23.1	1169.5	8.4	1169.5	8.4	101.9
CW3-104	181	123832	2.2	12.5320	0.8	2.2200	1.4	0.2018	1.1	0.82	1184.9	12.4	1187.4	9.7	1192.0	15.5	1192.0	15.5	99.4
CW3-91	66	36256	2.0	12.4529	4.5	2.1808	5.8	0.1970	3.7	0.63	1159.0	38.7	1174.9	40.6	1204.4	89.4	1204.4	89.4	96.2
CW3-63	165	116015	2.5	12.2616	1.3	2.3679	1.6	0.2106	1.0	0.64	1231.9	11.8	1233.0	11.7	1234.9	24.6	1234.9	24.6	99.8
CW3-11	223	224140	2.5	12.2310	0.5	2.3929	1.6	0.2123	1.5	0.95	1240.9	17.3	1240.5	11.5	1239.8	9.7	1239.8	9.7	100.1
CW3-7	436	417950	6.5	12.1859	0.2	2.4610	1.3	0.2175	1.3	0.98	1268.7	14.8	1260.7	9.4	1247.0	4.5	1247.0	4.5	101.7
CW3-53	199	301876	5.3	12.1115	0.5	2.3976	1.9	0.2106	1.9	0.97	1232.0	21.2	1241.9	14.0	1259.0	8.9	1259.0	8.9	97.9
CW3-64	109	84822	1.8	12.0190	2.9	2.4278	3.3	0.2116	1.7	0.50	1237.5	18.6	1250.9	23.9	1274.0	56.1	1274.0	56.1	97.1
CW3-103	85	40435	0.7	11.6739	2.2	2.6476	2.8	0.2242	1.8	0.63	1303.8	20.8	1314.0	20.8	1330.5	42.6	1330.5	42.6	98.0
CW3-65	202	142819	1.5	11.6510	0.6	2.7055	2.1	0.2286	2.0	0.96	1327.3	23.8	1330.0	15.3	1334.3	11.0	1334.3	11.0	99.5
CW3-35	84	61924	1.8	11.5580	0.4	2.7776	1.7	0.2328	1.6	0.97	1349.3	20.0	1349.5	12.7	1349.8	8.6	1349.8	8.6	100.0
CW3-37	77	117432	2.0	11.4084	1.2	2.8900	4.8	0.2391	4.7	0.97	1382.1	58.4	1379.3	36.5	1374.9	22.1	1374.9	22.1	100.5
CW3-28	62	197401	2.3	10.9621	2.2	3.2956	6.7	0.2620	6.3	0.95	1500.2	85.0	1480.0	52.4	1451.2	41.8	1451.2	41.8	103.4
CW3-47	72	106645	1.6	10.9484	0.7	3.2732	1.8	0.2599	1.7	0.92	1489.4	22.1	1474.7	14.0	1453.6	13.1	1453.6	13.1	102.5
CW3-19	123	140230	1.2	10.8508	0.4	3.2931	1.4	0.2592	1.3	0.97	1485.5	17.8	1479.4	10.8	1470.6	6.9	1470.6	6.9	101.0
CW3-58	117	311277	4.6	10.7680	0.5	3.3694	1.1	0.2631	0.9	0.88	1505.9	12.4	1497.3	8.3	1485.2	9.7	1485.2	9.7	101.4
CW3-81	141	69253	3.0	10.6318	0.7	3.3224	1.1	0.2562	0.9	0.78	1470.3	11.8	1486.3	9.0	1509.3	13.5	1509.3	13.5	97.4
CW3-68	85	32405	1.9	10.4360	1.8	3.4621	2.1	0.2620	1.1	0.53	1500.3	15.3	1518.6	16.9	1544.3	34.1	1544.3	34.1	97.2
CW3-18	41/	464330	2.7	10.3857	0.3	3.5070	1.4	0.2642	1.3	0.97	1511.1	17.9	1528.8	10.8	1553.4	6.3	1553.4	6.3	97.3
CW3-41	64	120808	1.5	10.2058	1.1	3.8319	1.0	0.2830	1.1	0.70	1609.0	15.8	1603.1	12.7	1000.1	20.9	1000.1	20.9	101.5
CW3.6	42	1001	1.3	10.0981	1.0	3.0490	3.0	0.2819	2.8	0.94	1620.0	40.0	1610.1	24.1 377	1607.0	10.0	1607.0	41.0	99.7 101 /
CW3-55	56	122108	1.9	9 9807	2.2	4 1041	4.7	0.2075	4.1	0.68	1678.0	15.0	1655.4	14 /	1626.0	26.7	1626.0	26.7	101.4
CW3-50	100	78610	1.0	9,9037	0.6	4.1041	1.0	0.2374	1.0	0.00	1656.7	19.0	1649.6	11.4	1640.5	10.8	1640.5	10.8	103.2
CW3-39	89	146684	2.0	9,9106	10	4.0671	1.5	0.2923	1.3	0.76	1653.2	17.0	1647 7	12.5	1640.8	18.7	1640.8	18.7	100.8
CW3-73	77	74753	1.1	9.8857	1.6	4.2472	3.0	0.3045	2.6	0.85	1713 6	38.5	1683 2	24.6	1645.4	29.0	1645.4	29.0	104.1
CW3-50	75	354463	1.6	9.8398	0.5	4.0868	3.1	0.2917	3.0	0.99	1649.8	44.2	1651.7	25.1	1654.1	9.3	1654.1	9.3	99.7
CW3-27	53	132293	1.2	9.6949	1.1	4.3351	1.7	0.3048	1.4	0.78	1715.2	20.5	1700.1	14.4	1681.5	20.2	1681.5	20.2	102.0
CW3-16	137	50691	1.1	9.5656	1.5	4.3529	2.2	0.3020	1.6	0.73	1701.2	23.7	1703.4	17.8	1706.2	26.9	1706.2	26.9	99.7
CW3-15	71	108139	2.2	9.1548	0.9	4.9268	1.4	0.3271	1.0	0.76	1824.4	16.6	1806.9	11.5	1786.6	16.1	1786.6	16.1	102.1
CW3-42	114	257443	1.3	9.1088	0.6	4.8828	1.8	0.3226	1.7	0.95	1802.3	26.2	1799.3	14.8	1795.8	10.2	1795.8	10.2	100.4
CW3-17	114	149071	2.3	9.0587	0.3	4.8465	2.3	0.3184	2.2	0.99	1782.0	34.8	1793.0	19.0	1805.8	6.0	1805.8	6.0	98.7
CW3-54	76	270057	2.1	9.0244	0.5	5.0827	1.0	0.3327	0.9	0.88	1851.3	14.8	1833.2	8.8	1812.7	8.8	1812.7	8.8	102.1
CW3-26	18	73287	2.2	8.9034	2.2	5.0661	3.3	0.3271	2.4	0.74	1824.5	38.5	1830.4	27.9	1837.2	40.2	1837.2	40.2	99.3
CW3-60	107	302623	3.0	8.9017	0.4	5.1907	3.6	0.3351	3.6	0.99	1863.1	58.5	1851.1	30.9	1837.6	6.9	1837.6	6.9	101.4
CW3-33	49	98988	1.7	8.8927	1.0	5.2175	3.5	0.3365	3.4	0.96	1869.8	54.8	1855.5	30.1	1839.4	18.8	1839.4	18.8	101.7
CW3-13	42	87994	1.8	8.8819	0.6	5.2124	1.2	0.3358	1.0	0.86	1866.3	16.6	1854.6	10.2	1841.6	11.1	1841.6	11.1	101.3
CW3-14	133	280181	2.9	8.8030	0.3	5.3100	1.7	0.3390	1.7	0.99	1882.0	27.4	1870.5	14.5	1857.7	5.3	1857.7	5.3	101.3
CW3-57	39	50268	4.1	8.7463	0.7	5.3681	1.7	0.3405	1.5	0.90	1889.2	25.3	1879.8	14.6	1869.4	13.1	1869.4	13.1	101.1
CW3-79	55	/1891	4.3	0.7391	1.2	5.3973	3.6	0.3421	3.4	0.94	1896./	25.3	1070 4	30.6	1870.9	21.3	1870.9	21.3	101.4
CW3-59	50	053/0	2.8	0.09/4	0.5	5.3280	1.2	0.3361	1.0	0.89	1070.0	10.7	10/3.4	9.9	1007.0	9.4	1007.0	9.4	99.4
CW3-/1	400	07037	1.0	0.0013	1.0	5.3850	1.9	0.3383	1.6	0.85	1074.0	20.2	1076.0	10.2	1070.0	14.0	1070.0	14.4	99.5
CW3-00	130	0/089	∠.0 1 ⊑	0.2293	U.0 1 F	6.0034	1.0	0.3583	C.1	0.92	2135.0	20.5	19/0.3	14.1	19/0.6	26.0	2088.2	26.0	ສສ.8 102 ກ
CW3-93	20	13063	1.0	7 6053	1.0	5 6944	2.3	0.3920	1.5	0.66	1760 9	23.0	1030 5	20.1	2000.2	30.5	2000.2	30.5	83.1
CW3-74	110	142557	22	7 4312	0.6	7 4750	3.0	0.4020	3.0	0.00	2182 5	55.2	2170 1	27.3	2158.4	11 2	2158.4	11.2	101.1
CW3-48	62	27896	2.2	6 8050	0.3	9.0609	0.8	0 4472	0.0	0.91	2382.8	13.7	2344.2	6.9	2310.7	5.5	2310.7	5.5	103.1
CW3-36	72	193994	1.5	6.5948	0.9	9.1417	1.6	0.4372	1.4	0.85	2338 3	27.5	2352.3	15.0	2364 4	14.6	2364 4	14.6	98.9
CW3-87	175	452957	1.9	6.4293	0.3	9.9735	1.7	0.4651	1.7	0.99	2461.9	33.9	2432.3	15.5	2407.7	4.7	2407.7	4.7	102.2
CW3-75	110	147102	1.8	5.6949	0.4	12.2444	1.2	0.5057	1.1	0.95	2638.4	23.8	2623.3	10.8	2611.7	6.0	2611.7	6.0	101.0
CW3-24	528	12127	4.0	5.4645	0.4	10.4370	1.8	0.4136	1.8	0.97	2231.6	33.6	2474.3	17.0	2680.2	7.0	2680.2	7.0	83.3
CW3-100	81	159042	1.0	5.4554	0.3	13.0775	1.0	0.5174	1.0	0.95	2688.2	21.9	2685.3	9.9	2683.0	5.3	2683.0	5.3	100.2
CW3-32	46	461963	1.0	5.3896	0.5	13.5199	1.2	0.5285	1.1	0.91	2735.0	24.1	2716.7	11.2	2703.0	8.2	2703.0	8.2	101.2
CW3-80	47	51498	1.8	5.2767	0.9	13.7282	1.6	0.5254	1.3	0.82	2721.9	29.9	2731.1	15.6	2737.9	15.6	2737.9	15.6	99.4

KE1 (1AA/08-19-084-06W4/00)

						Isotope R	atios					App	arent Ages						
Analysis	U	206Pb	U/Th	206Pb*	±	207Pb*	±	206Pb*	±	error	206Pb*	±	207Pb*	±	206Pb*	± (0.4)	Bestage	±	Conc
KC 1 20	(ppm)	204PD	2.1	207PD"	(%)	2350"	(%)	2380	(%)	COIL	2380"	(Ma)	2350	(Ma)	207PD-	(Ma)	(Ma)	(Ma)	(%) NA
KC-1-39	340	2490	0.8	19 7543	224.4	0.0932	224.5	0.0184	7.5	0.03	117.0	0.0	90.5	74	-5/7.7	112.0	158.8	0.0	NA NA
KC-1-35	67	8280	1.6	19.7343	13.9	0.2463	4.3	0.0243	1.8	0.13	220.5	3.9	223.6	28.2	255.9	321.9	220.5	3.9	NA
KC-1-25	168	24991	1.9	20.4695	4.3	0.2855	4.6	0.0424	1.5	0.32	267.6	3.8	255.0	10.3	140.8	101.4	267.6	3.8	NA
KC-1-10	196	37025	1.5	18.2275	3.3	0.4769	3.6	0.0631	1.4	0.39	394.2	5.3	396.0	11.7	406.6	73.3	394.2	5.3	NA
KC-1-32	245	70526	1.7	18.1418	2.1	0.4851	3.0	0.0638	2.1	0.70	398.9	8.3	401.6	10.1	417.1	48.0	398.9	8.3	NA
KC-1-16	189	66995	3.6	18.3547	3.3	0.4957	3.5	0.0660	0.9	0.25	411.9	3.5	408.8	11.6	391.0	75.0	411.9	3.5	105.4
KC-1-28	195	51563	1.7	18.0485	2.6	0.5086	3.3	0.0666	2.1	0.64	415.5	8.5	417.5	11.4	428.6	57.5	415.5	8.5	96.9
KC-1-13	99	10038	1.4	17.6507	3.4	0.5324	3.7	0.0682	1.3	0.36	425.0	5.5	433.4	13.0	478.1	75.8	425.0	5.5	88.9
KC-1-14	3//	213922	4.1	17.8636	1.6	0.5280	1.7	0.0684	0.5	0.31	420.0	Z.Z	430.5	0.1	451.5	36.4	426.6	2.2	94.5
KC-1-05	210	21441	0.0	18 6373	2.1	0.5341	2.4	0.0702	2.1	0.40	437.2	4.9	434.5	21.2	420.0	47.4	437.2	4.9	122.9
KC-1-62	104	20094	0.9	18.5499	6.6	0.5286	6.7	0.0711	0.9	0.13	442.9	3.9	430.9	23.6	367.2	149.9	442.9	3.9	120.6
KC-1-88	238	124863	0.4	17.8117	2.6	0.5644	2.7	0.0729	0.7	0.26	453.7	3.1	454.4	9.9	458.0	58.2	453.7	3.1	99.0
KC-1-76	134	54017	1.1	17.5642	4.3	0.6104	4.7	0.0778	1.8	0.39	482.8	8.5	483.8	18.0	489.0	94.9	482.8	8.5	98.7
KC-1-44	240	5288	0.5	16.8864	2.8	0.6627	3.0	0.0812	1.1	0.37	503.1	5.3	516.3	12.0	575.2	60.0	503.1	5.3	87.5
KC-1-69	208	52962	0.9	17.1775	2.4	0.6569	2.6	0.0818	1.0	0.40	507.1	5.0	512.7	10.4	537.9	52.1	507.1	5.0	94.3
KC-1-38	103	60439	2.3	17.2996	2.7	0.6796	2.8	0.0853	0.8	0.27	527.5	3.8	526.5	11.7	522.4	60.0	527.5	3.8	101.0
KC-1-2	49	19340	1.1	17.4131	6.8	0.7208	7.2	0.0910	2.5	0.35	561.6	13.6	551.1	30.8	508.0	149.3	561.6	13.6	110.5
KC-1-71	120	44434	0.9	15 3968	2.2	0.7473	22.5	0.0919	5.6	0.40	593.4	32.0	632.0	107.9	772.6	40.4	593.4	32.0	76.8
KC-1-84	129	71224	2.1	16.8944	2.9	0.7895	3.2	0.0967	1.2	0.38	595.3	6.8	590.9	14.2	574.1	63.8	595.3	6.8	103.7
KC-1-94	184	90319	1.5	16.6450	1.5	0.8254	2.6	0.0996	2.1	0.81	612.3	12.1	611.1	11.7	606.4	32.3	612.3	12.1	101.0
KC-1-63	141	185431	0.8	16.1910	2.0	0.8833	2.7	0.1037	1.9	0.69	636.2	11.5	642.8	13.0	665.9	42.3	636.2	11.5	95.5
KC-1-31	47	34876	1.6	14.6012	3.1	1.4498	3.8	0.1535	2.1	0.57	920.7	18.3	909.8	22.6	883.4	64.2	883.4	64.2	104.2
KC-1-26	30	19710	0.7	14.5878	4.1	1.4291	6.3	0.1512	4.8	0.76	907.7	40.4	901.2	37.5	885.2	84.4	907.7	40.4	102.5
KC-1-29	303	201885	2.9	14.1641	0.2	1.5791	0.8	0.1622	0.7	0.97	969.1	6.7	962.0	4.8	945.9	3.9	945.9	3.9	102.5
KC-1-97	129	1/2540	2.7	14.0778	1.1	1.6256	1.8	0.1660	1.5	0.81	989.9	13.7	980.2	11.6	958.4	22.1	958.4	22.1	103.3
KC-1-04 KC-1-102	25	19080	2.0	14.0117	5.9 1 /	1.0144	0.3	0.1041	2.0	0.32	9/9.3	17.9	9/5.8	39.3	908.0 083 0	1∠1.5 28 ⊑	968.0	28.5	101.2
KC-1-96	127	98214	5.6	13 6645	1.4	1.7035	1.8	0.1720	1.3	0.74	1023.0	12.4	1010.0	11.9	1019.0	26.0	1019.0	26.5	101.3
KC-1-30	33	16959	2.5	13.6468	4.0	1.7290	4.1	0.1711	1.1	0.28	1018.3	10.8	1019.4	26.6	1021.6	80.4	1021.6	80.4	99.7
KC-1-80	24	28292	1.7	13.6348	4.7	1.7914	5.1	0.1771	1.8	0.36	1051.4	17.6	1042.3	33.1	1023.4	96.0	1023.4	96.0	102.7
KC-1-89	49	51902	1.8	13.6296	3.5	1.7494	4.1	0.1729	2.2	0.54	1028.2	21.3	1026.9	26.8	1024.2	70.6	1024.2	70.6	100.4
KC-1-70	83	69189	1.0	13.5342	1.8	1.7887	2.0	0.1756	0.8	0.41	1042.8	8.0	1041.3	13.2	1038.4	37.3	1038.4	37.3	100.4
KC-1-72	98	83551	1.4	13.5024	1.8	1.8038	2.1	0.1766	1.1	0.53	1048.6	10.7	1046.8	13.6	1043.1	35.7	1043.1	35.7	100.5
KC-1-65	117	73346	1.7	13.4339	1.5	1.8917	2.4	0.1843	1.9	0.79	1090.5	19.3	1078.2	16.1	1053.4	29.6	1053.4	29.6	103.5
KC-1-59	//	116266	1.9	13.4199	1.4	1.8433	1.8	0.1794	1.2	0.66	1063.7	11.9	1061.0	12.0	1055.5	27.5	1055.5	27.5	100.8
KC-1-81	157	120246	1.5	13.4030	1.7	1.8018	2.2	0.1810	1.4	0.63	1072.3	13.9	1067.6	14.8	1058.0	34.9	1058.0	34.9	101.3
KC-1-73	94	72748	6.1	13 3509	1.4	1.0032	1.4	0.1027	0.9	0.55	1001.3	8.9	1073.2	10.8	1065.9	27.4	1065.9	27.4	107.5
KC-1-6	167	176342	2.0	13.3468	0.4	1.8810	1.4	0.1821	1.4	0.95	1078.4	13.4	1074.4	9.4	1066.5	8.8	1066.5	8.8	101.1
KC-1-3	155	91148	0.6	13.3414	1.4	1.8822	1.6	0.1821	0.9	0.54	1078.5	8.6	1074.8	10.7	1067.3	27.3	1067.3	27.3	101.1
KC-1-91	562	609755	5.6	13.3246	0.5	1.8726	1.2	0.1810	1.1	0.92	1072.3	10.6	1071.5	7.7	1069.8	9.1	1069.8	9.1	100.2
KC-1-42	171	164750	3.0	13.2870	0.9	1.9006	1.4	0.1832	1.1	0.78	1084.2	10.8	1081.3	9.2	1075.5	17.2	1075.5	17.2	100.8
KC-1-22	77	58376	2.9	13.2858	1.7	1.8830	1.8	0.1814	0.7	0.40	1074.8	7.2	1075.1	12.1	1075.7	33.8	1075.7	33.8	99.9
KC-1-7	132	9689	1.6	13.2572	2.6	1.8367	2.9	0.1766	1.2	0.43	1048.4	11.9	1058.7	19.0	1080.0	52.5	1080.0	52.5	97.1
KC-1-52	104	99020	1.4	13.2410	1.4	1.9091	2.3	0.1833	1.8	0.79	1085.2	18.3	1084.3	15.5	1082.5	28.6	1082.5	28.6	100.3
KC-1-103	59	40171	1.0	13 2023	1.7	1.0004	2.0	0.1812	1.9	0.74	1073.1	14 1	1077.0	14.4	1085.0	32.7	1085.0	34.0	90.9
KC-1-1	20	16575	1.0	13 1750	4.3	1.8136	4.5	0.1012	1.4	0.00	1070.0	13.5	1070.4	29.5	1000.3	85.8	1000.3	85.8	94.3
KC-1-12	126	2548	1.0	13.1341	4.6	1.6720	5.2	0.1593	2.4	0.47	952.7	21.4	997.9	32.8	1098.7	91.2	1098.7	91.2	86.7
KC-1-15	125	174032	2.7	13.0898	0.9	1.9361	2.0	0.1838	1.7	0.88	1087.7	17.3	1093.6	13.1	1105.5	18.4	1105.5	18.4	98.4
KC-1-99	27	21328	0.7	13.0472	3.6	1.9468	4.6	0.1842	2.9	0.64	1090.0	29.4	1097.3	31.0	1111.9	71.1	1111.9	71.1	98.0
KC-1-9	159	115503	2.1	12.8818	0.6	2.0716	1.1	0.1935	0.9	0.83	1140.5	9.1	1139.4	7.2	1137.4	11.9	1137.4	11.9	100.3
KC-1-27	197	150294	3.8	12.8343	0.5	2.0888	3.0	0.1944	3.0	0.99	1145.3	31.4	1145.1	20.8	1144.7	9.2	1144.7	9.2	100.1
KC-1-77	62	36898	1.9	12.8275	1.8	2.0550	3.7	0.1912	3.2	0.88	1127.8	33.4	1134.0	25.2	1145.8	35.4	1145.8	35.4	98.4
KC-1-40	40	28336	2.0	12.0010	3.8	2.0037	4.1	0.1002	2.1	0.34	1163.5	21.0	1159.0	20.0	1149.0	75.6	1149.0	75.6	101.1
KC-1-75	339	181388	1.9	12.7656	0.7	2.1416	2.5	0.1983	2.4	0.96	1166.0	25.7	1162.3	17.3	1155.4	13.1	1155.4	13.1	100.9
KC-1-66	140	62557	1.4	12.7424	1.3	2.1423	1.8	0.1980	1.3	0.71	1164.5	13.8	1162.6	12.5	1159.0	25.2	1159.0	25.2	100.5
KC-1-101	54	37841	1.0	12.6924	1.8	2.1863	2.0	0.2013	0.8	0.42	1182.1	9.0	1176.7	13.9	1166.8	35.8	1166.8	35.8	101.3
KC-1-36	14	12602	1.1	12.6790	9.0	2.2283	9.8	0.2049	3.9	0.40	1201.6	43.2	1190.0	68.8	1168.9	177.9	1168.9	177.9	102.8
KC-1-5	209	198811	2.9	12.6618	0.9	2.2189	5.3	0.2038	5.3	0.98	1195.5	57.5	1187.0	37.5	1171.6	18.4	1171.6	18.4	102.0
KC-1-68	147	54513	1.1	12.6601	1.9	2.2233	2.7	0.2041	1.9	0.70	1197.5	20.5	1188.4	18.8	11/1.9	38.0	11/1.9	38.0	102.2
KC-1-74	210	225705	1.0	12.0449	0.0	2.1043	2.0	0.2003	0.7	0.08	1209.1	10.7	1200.4	6.6	1184.7	11.4	1174.2	11.8	100.2
KC-1-20	249	226654	1.5	12.5507	0.6	2.2426	1.2	0.2041	1.1	0.86	1197.5	11.7	1194.5	8.7	1189.0	12.3	1189.0	12.3	100.7
KC-1-53	172	25682	1.4	12.4597	1.0	2.2205	1.9	0.2007	1.6	0.85	1178.9	17.1	1187.5	13.1	1203.3	19.7	1203.3	19.7	98.0
KC-1-54	39	31491	1.4	12.4305	3.9	2.2148	4.4	0.1997	2.0	0.46	1173.6	21.6	1185.7	30.9	1208.0	77.3	1208.0	77.3	97.2
KC-1-45	224	156228	2.0	12.2811	0.8	2.4174	2.9	0.2153	2.8	0.97	1257.1	32.1	1247.8	20.9	1231.8	14.9	1231.8	14.9	102.1
KC-1-34	143	68521	2.3	12.2606	1.0	2.3736	1.4	0.2111	1.0	0.72	1234.5	11.5	1234.7	10.1	1235.0	19.1	1235.0	19.1	100.0
KC-1-93	95	99711	2.1	12.0512	0.4	2.6186	1.4	0.2289	1.4	0.95	1328.6	16.5	1305.9	10.6	1268.7	8.5	1268.7	8.5	104.7
KC-1-95	57	220062	1.5	11.03/2	1.1	2.5342	1.8	0.2212	1.4	0.78	1288.4	16.5	1281.9	13.2	12/1.0	21.9	12/1.0	21.9	101.4
KC-1-33	103	1229902	1.1	11.3751	1.3	2 9840	2.4	0.2478	2.1	0.00	1427.4	20.7	1400.7	10.0	1381 9	24.4 15.1	1381.9	24.4	103.4
KC-1-92	67	99030	1.8	10.8445	1.4	3.3030	1.6	0.2598	0.9	0.55	1488.8	12.0	1481.8	12.7	1471.8	25.8	1471.8	25.8	101.2
KC-1-98	22	66523	0.9	10.6567	5.2	3.4296	5.6	0.2651	1.9	0.34	1515.7	25.2	1511.2	43.7	1504.8	98.9	1504.8	98.9	100.7
KC-1-60	119	136070	1.1	10.5934	0.6	3.4523	1.7	0.2652	1.6	0.94	1516.6	22.0	1516.4	13.6	1516.1	10.7	1516.1	10.7	100.0
KC-1-79	149	90775	1.5	10.5728	0.7	3.5352	1.2	0.2711	1.0	0.82	1546.3	13.1	1535.1	9.2	1519.8	12.5	1519.8	12.5	101.7
KC-1-83	98	84736	0.7	10.0936	0.7	3.8855	1.7	0.2844	1.6	0.92	1613.7	22.6	1610.7	13.9	1606.7	12.7	1606.7	12.7	100.4
KC-1-11	111	222621	1.0	9.8194	0.5	4.1287	1.2	0.2940	1.0	0.89	1661.6	15.3	1660.0	9.6	1657.9	10.0	1657.9	10.0	100.2
KC-1-58	177	224493	1.5	9.7353	0.3	4.2733	3.7	0.3017	3.7	1.00	1699.9	55.2	1688.2	30.5	1673.8	5.7	1673.8	5.7	101.6
KC=1-37	109	206540	1.0	9.6991	1.4	4.24/3	2.1	0.2988	1.5	0.74	1807 5	12.8	1809.0	17.0 ¢ 4	1080.7	25.8	1080.7	25.8	100.3
KC-1-78	95	200542	1.0	9.1499	0.4	4.9390	1.0	0.3278	1.0	0.90	1027.5	13.8	1700.9	0.1 8.4	170/.6	1.1	1707.6	1.1	102.2
KC-1-4	248	399362	1.0	9.0767	0.2	4.9707	0.6	0.3272	0.6	0.96	1824 9	9.5	1814.4	5.2	1802.2	3.1	1802.2	3.1	101.3
KC-1-51	72	15340	1.3	8.9150	1.6	5.0641	2.2	0.3274	1.5	0.69	1825.9	24.3	1830.1	18.8	1834.9	29.2	1834.9	29.2	99.5
KC-1-55	83	331300	0.9	7.8673	1.9	6.8068	3.7	0.3884	3.1	0.85	2115.4	56.1	2086.6	32.4	2058.3	34.0	2058.3	34.0	102.8
KC-1-47	92	135149	1.3	6.6595	0.7	9.2292	1.7	0.4458	1.5	0.92	2376.4	30.4	2361.0	15.2	2347.7	11.1	2347.7	11.1	101.2
KC-1-57	30	89206	1.7	5.3822	0.8	13.5110	2.4	0.5274	2.3	0.94	2730.5	50.4	2716.1	22.8	2705.3	13.8	2705.3	13.8	100.9
KC-1-87	75	203266	0.9	5.3590	0.3	13.5582	0.7	0.5270	0.6	0.92	2728.7	14.4	2719.4	6.6	2712.4	4.4	2712.4	4.4	100.6
KC-1-41	48	185634	1.5	5.2628	0.4	13.8856	1.1	0.5300	1.0	0.93	2741.5	21.9	2741.9	9.9	2742.3	6.2	2742.3	6.2	100.0
KC-1-01	42	106224	1.0	5.0070	0.5	14.0652	1.1	0.5364	1.0	0.89	2/68.3	10.7	2/54.1	10.5	2704.0	8.3	2704.0	8.3	100.9
KC-1-90	4/	52466	1.0	3,8027	0.4	23 0719	1.0	0.5551	0.9	0.09	2040.3	15.7	3230.0	9.2	2194.8	7.3	3227.7	7.3	101.0

KE2 (1AA/08-19-084-06W4/00)

Analysis	U	206Pb	U/Th	206Pb*	±	Isotope R 207Pb*	atios ±	206Pb*	±	error	206Pb*	App.	arent Ages 207Pb*	±	206Pb*	±	Best age	±	Conc
	(ppm)	204Pb		207Pb*	(%)	235U*	(%)	238U	(%)	corr.	238U*	(Ma)	235U	(Ma)	207Pb*	(Ma)	(Ma)	(Ma)	(%)
KE2-35 KE2-37	279	46810	1.6	20.1161	1.9	0.2080	2.9	0.0303	2.2	0.75	192.7 337.3	4.1	191.8	5.1	181.5 349 1	45.3	192.7 337.3	4.1	NA NA
KE2-63	103	48730	4.5	17.6316	4.0	0.4914	8.4	0.0628	7.4	0.88	392.8	28.2	405.8	28.1	480.5	87.3	392.8	28.2	NA
KE2-16 KE2-74	398	252391 45269	0.6	18.5391	1.3	0.4718	2.2	0.0634	1.8	0.81	396.5 410.2	6.8	392.5 413.8	7.1	368.5	28.5	396.5 410.2	6.8 5.8	94.5
KE2-65	126	29894	2.6	18.6973	3.5	0.4924	3.9	0.0668	1.8	0.45	416.6	7.1	406.5	13.1	349.4	79.0	416.6	7.1	119.3
KE2-45	81	32403	2.6	17.6741	3.0	0.5351	4.5	0.0686	3.4	0.75	427.7	14.1	435.2	16.0	475.2	65.7	427.7	14.1	90.0
KE2-30	84	50775	1.1	17.8834	3.6	0.5676	4.5	0.0715	2.0	0.52	445.0	12.0	456.5	16.6	410.8	80.6	445.0	12.0	108.3
KE2-75	164	121814	0.8	17.5953	2.1	0.5889	2.4	0.0751	1.2	0.49	467.1	5.3	470.2	9.1	485.1	46.3	467.1	5.3	96.3
KE2-15 KE2-1	139	78242	0.8	17.3043	1.5	0.6985	2.6	0.0877	2.2	0.83	541.7 960.4	23.2	537.9 961.6	11.0	521.8 964.3	31.9	541.7 964 3	29.0	103.8 99.6
KE2-26	49	33700	1.5	13.9276	1.6	1.5887	3.8	0.1605	3.5	0.91	959.5	30.9	965.8	23.9	980.3	33.1	980.3	33.1	97.9
KE2-76	86	70069	2.4	13.8667	1.4	1.6967	2.4	0.1706	1.9	0.80	1015.6	17.8	1007.3	15.1	989.2	28.7	989.2	28.7	102.7
KE2-87 KE2-59	515	76231	4.7	13.8196	0.3	1.7017	2.8	0.1706	2.5	0.96	1015.2	23.9	1009.2	6.3 18.2	996.1	26.5	996.1	26.5	101.9
KE2-13	200	195366	4.9	13.6979	0.7	1.7035	3.4	0.1692	3.3	0.98	1007.9	30.8	1009.9	21.5	1014.0	13.3	1014.0	13.3	99.4
KE2-53	89 159	70029 258882	0.8	13.6435	1.5	1.7095	4.3	0.1692	4.1	0.94	981.8	37.9	1012.1	27.8	1022.1	30.5	1022.1	30.5	98.6
KE2-15	52	51551	1.6	13.5645	1.8	1.8423	5.7	0.1812	5.4	0.95	1073.7	53.4	1060.7	37.5	1033.8	36.5	1023.8	36.5	103.9
KE2-89	194	249183	2.2	13.5641	0.7	1.7509	1.5	0.1723	1.3	0.87	1024.5	12.4	1027.5	9.7	1033.9	15.1	1033.9	15.1	99.1
KE2-17 KE2-3	173	128736	1.9	13.5538	0.8	1.7669	3.2	0.1737	2.6	0.96	1032.4	25.2	1033.4	20.4	1035.4	39.4	1035.4	15.3 39.4	99.7
KE2-8	226	182343	2.2	13.5257	0.6	1.7682	2.7	0.1735	2.6	0.97	1031.1	25.1	1033.9	17.6	1039.6	12.4	1039.6	12.4	99.2
KE2-67 KE2-48	337	275615	3.1	13.5101	0.5	1.8287	1.9	0.1792	1.8	0.96	1062.5	24.0	1055.8	29.5	1042.0	11.1	1042.0	76.0	99.0
KE2-30	72	53245	0.8	13.4570	2.4	1.7640	3.9	0.1722	3.1	0.80	1024.0	29.5	1032.3	25.3	1049.9	47.4	1049.9	47.4	97.5
KE2-41	345	310336	1.2	13.3715	0.4	1.8384	2.9	0.1783	2.8	0.99	1057.6	27.6	1059.3	18.8	1062.8	8.1	1062.8	8.1	99.5
KE2-55	127	286126	2.4 1.8	13.2906	0.8	1.8515	2.3	0.1795	2.0	0.86	1091.6	13.6	1064.0	10.6	1062.9	∠3.9 16.7	1062.9	23.9	100.2
KE2-83	115	311417	1.6	13.2853	0.8	1.8980	3.0	0.1829	2.9	0.96	1082.7	29.3	1080.4	20.3	1075.8	16.2	1075.8	16.2	100.6
KE2-52 KE2-47	144 84	274594	1.7	13.2691 13.2438	0.3 1 P	1.9298	1.1	0.1857	1.1	0.95	1098.1	10.7 28.4	1091.5	7.4 22 A	1078.2	6.9	1078.2	6.9	101.8 99 0
KE2-27	125	137615	2.2	12.9663	0.7	2.0131	3.9	0.1893	3.8	0.98	1117.7	38.8	1119.9	26.2	1124.4	14.6	1124.4	14.6	99.4
KE2-95	40	26309	1.0	12.9186	2.4	1.9675	2.9	0.1843	1.6	0.55	1090.7	16.1	1104.5	19.6	1131.7	48.3	1131.7	48.3	96.4
KE2-66	26 293	∠0028 316574	1.2	12.9163	3.0	2.0536	4.1	0.1924	2.7	0.66	1134.2	∠8.1 17.3	1133.5	∠7.8 11.9	1132.1	00.5 11.6	1132.1	11.6	100.2
KE2-73	66	40571	2.6	12.7435	1.3	2.1294	3.7	0.1968	3.5	0.94	1158.2	37.2	1158.4	25.9	1158.8	26.0	1158.8	26.0	99.9
KE2-93	48	53308 84876	2.6	12.7371	2.4	2.1630	4.7	0.1998	4.0	0.86	1174.3	43.4	1169.2	32.6	1159.8	47.2	1159.8	47.2	101.3
KE2-90	47	34807	2.0	12.6974	2.2	2.1597	4.0	0.1989	3.3	0.83	1169.3	35.3	1168.2	27.6	1166.0	43.8	1166.0	43.8	100.3
KE2-85	63	59030	3.2	12.6949	1.6	2.1706	2.8	0.1998	2.3	0.83	1174.5	24.7	1171.7	19.3	1166.4	30.9	1166.4	30.9	100.7
KE2-77 KE2-64	45	69758	4.0	12.6529	0.8	2.1945	2.4	0.1978	2.6	0.74	1181.8	27.9	1178.7	18.9	1172.0	16.1	1172.0	16.1	100.8
KE2-6	74	60640	1.4	12.6417	1.1	2.1704	2.9	0.1990	2.7	0.92	1169.9	29.1	1171.6	20.5	1174.7	22.3	1174.7	22.3	99.6
KE2-51 KE2-21	38 29	120750	2.1	12.5867	2.1	2.1854	3.7	0.1995	3.0	0.82	1172.6	32.2	1176.4	25.6	1183.4	41.6	1183.4	41.6 58.8	99.1
KE2-2	57	71446	2.8	12.5409	2.5	2.2381	4.4	0.2036	3.6	0.82	1194.5	39.4	1193.1	31.0	1190.5	49.9	1190.5	49.9	100.3
KE2-22	53	146659	1.6	12.4955	2.0	2.2188	3.6	0.2011	3.0	0.82	1181.1	31.9	1187.0	25.1	1197.7	39.9	1197.7	39.9	98.6
KE2-18 KE2-96	95 36	39594	1.0	12.4212	2.5	2.2804	2.3	0.2054	2.0	0.85	1204.5	21.5	1206.2	22.4	1209.5	49.0	1209.5	24.2 49.0	102.4
KE2-14	182	204135	2.9	12.2518	0.5	2.3893	3.0	0.2123	3.0	0.99	1241.1	33.8	1239.4	21.8	1236.4	10.2	1236.4	10.2	100.4
KE2-101 KE2-61	56 78	113826	1.3	12.1883	1.9	2.4353	2.5	0.2153	1.6	0.66	1256.8	18.7	1253.1	18.0	1246.6	36.8	1246.6	36.8	100.8
KE2-39	45	81080	1.7	11.8172	2.2	2.6605	4.3	0.2280	3.6	0.86	1324.1	43.5	1317.6	31.4	1306.9	42.7	1306.9	42.7	101.3
KE2-36	24	24989	2.2	11.7916	4.7	2.6414	7.2	0.2259	5.4	0.75	1313.0	64.5	1312.3	53.1	1311.1	91.9	1311.1	91.9	100.1
KE2-102 KE2-40	275	452169	2.9	11.6604	0.0	2.0053	2.2	0.2275	2.1	0.96	1321.3	29.1	1324.4	18.0	1329.5	6.0	1329.5	6.0	100.8
KE2-79	253	301855	0.5	11.6257	0.3	2.6931	1.0	0.2271	1.0	0.95	1319.1	11.7	1326.6	7.6	1338.5	6.3	1338.5	6.3	98.6
KE2-92 KE2-49	36	42868 57290	1.8	11.3252	2.1	2.8293	3.8	0.2324	3.2	0.84	1347.0	39.1	1363.3	28.8	1389.0	40.0	1389.0	40.0 23.0	97.0
KE2-5	101	110636	1.5	11.0243	0.9	3.1212	2.7	0.2496	2.5	0.94	1436.2	32.2	1437.9	20.4	1440.5	16.9	1440.5	16.9	99.7
KE2-100	85	113732	1.3	10.9904	0.5	3.1575	3.1	0.2517	3.1	0.99	1447.1	39.8	1446.8	24.0	1446.3	9.0	1446.3	9.0	100.1
KE2-42 KE2-70	166	352368	2.3	9.8539	0.5	4.1196	1.1	0.2597	1.0	0.99	14663.5	29.5	1658.2	8.9	1651.4	8.9	1651.4	8.9	101.2
KE2-24	110	152919	1.8	9.6511	0.7	4.2827	2.3	0.2998	2.2	0.95	1690.2	32.3	1690.0	18.8	1689.8	12.9	1689.8	12.9	100.0
KE2-28 KE2-103	103 57	182718 123128	1.1	9.3250	0.5	4.4760	2.5	0.3027	2.4	0.98	1704.8	36.1	1726.5	20.5	1753.0 1764 0	9.8	1753.0	9.8	97.2 100.7
KE2-33	84	173470	1.5	9.2142	0.3	4.8262	3.7	0.3225	3.6	1.00	1802.1	57.3	1789.5	30.8	1774.8	5.9	1774.8	5.9	101.5
KE2-11	66	93317	4.6	9.1485	0.8	4.8519	2.2	0.3219	2.1	0.94	1799.2	32.2	1793.9	18.4	1787.9	13.8	1787.9	13.8	100.6
KE2-20	269	+04038	0.7	9.0520	2.1	4.9585	2.8	0.3123	1.8	0.67	1816.7	29.0	1812.3	20.1	1807.2	2.5	1807.2	37.3	100.5
KE2-72	99	378926	2.2	8.9548	0.5	5.1575	1.4	0.3350	1.3	0.92	1862.4	21.2	1845.6	12.0	1826.8	9.8	1826.8	9.8	101.9
KE2-98 KE2-78	47	61626 82126	0.9	8.9413 8.8497	0.6	5.1356	2.3	0.3330	1.6	0.94	1853.1	26.0	1842.0	14.6 19.7	1829.5	10.6	1829.5	10.6	101.3
KE2-50	28	39865	2.9	8.8494	1.4	5.4537	3.2	0.3500	2.9	0.91	1934.7	48.7	1893.3	27.6	1848.2	24.5	1848.2	24.5	104.7
KE2-56 KE2-99	60 41	137983 62101	2.1	8.8215	0.3	5.3575	2.3	0.3428	2.2	0.99	1900.0	36.8	1878.1	19.3	1853.9	5.0 23.4	1853.9	5.0 23.4	102.5 99.7
KE2-44	104	214560	2.2	8.7880	0.3	5.1473	2.7	0.3281	2.7	0.99	1829.0	42.3	1844.0	22.8	1860.8	6.3	1860.8	6.3	98.3
KE2-80	19	35918	0.7	8.5984	2.7	5.2508	3.1	0.3274	1.4	0.46	1826.0	22.3	1860.9	26.1	1900.1	48.9	1900.1	48.9	96.1
KE2-69 KE2-54	91	155133	2.9	8.4724	0.3	6.5063	2.4	0.3509	2.3	0.96	2066.2	40.8	2046.8	20.7	2027.2	5.4	2027.2	5.4 8.4	100.6
KE2-60	160	327056	2.1	7.7309	0.3	6.9995	3.5	0.3925	3.4	1.00	2134.2	62.7	2111.4	30.7	2089.2	4.8	2089.2	4.8	102.2
KE2-34 KE2-32	101 54	247865	2.0	5.8845 5.8747	0.2	11.1628	3.3	0.4764	3.3	1.00	2511.6	68.7 86.4	2536.8	30.9	2557.0	4.1	2557.0	4.1	98.2 99.0
KE2-84	92	378849	2.0	5.8104	0.5	11.5993	1.4	0.4888	1.3	0.95	2565.5	28.5	2572.6	13.3	2578.2	7.6	2578.2	7.6	99.5
KE2-57	89	328045	0.9	5.8037	0.1	11.8324	2.6	0.4981	2.6	1.00	2605.4	54.8	2591.2	24.0	2580.1	2.4	2580.1	2.4	101.0
KE2-43	92 73	243690	2.1	5.4985	0.5	12.9791	4.0	0.4599	3.9	0.99	∠439.0 2688.9	21.0	2526.7	36.8 9.9	≥597.8 2670.0	8.9	2597.8	7.1	93.9
KE2-7	19	86195	1.0	5.4966	1.1	12.6059	3.5	0.5025	3.4	0.96	2624.7	73.0	2650.7	33.4	2670.5	17.4	2670.5	17.4	98.3
KE2-82 KE2-10	20	20770	0.5	5.4813	1.8	12.8048	2.2	0.5090	1.2	0.56	2652.5	26.5	2665.4	20.5	2675.2	29.7	2675.2	29.7	99.2
KE2-12	70	237012	0.9	5.4677	0.2	13.0443	2.1	0.5173	2.1	1.00	2687.6	46.7	2682.9	20.1	2679.3	3.4	2679.3	3.4	100.3
KE2-97	43	104297	0.9	5.4541	0.4	13.3632	1.5	0.5286	1.5	0.97	2735.6	32.5	2705.7	14.2	2683.4	6.4	2683.4	6.4	101.9
KE2-94	25	∠30998 72584	0.9	5.4450	0.9	13.5747	2.7	0.4945	2.2	0.79	2590.3	45.9	2044.5	25.7	2686.1	∠1.8 14.5	2686.1	14.5	90.4 101.9
KE2-71	56	265310	0.7	5.3936	0.4	13.5907	1.9	0.5316	1.9	0.98	2748.4	41.5	2721.6	17.9	2701.8	6.6	2701.8	6.6	101.7
KE2-29 KE2-62	175 47	336498 347041	1.7	5.3495	0.3	13.1158	3.6	0.5089	3.5	1.00	2651.8	77.0	2688.0	33.5 32.6	2715.4 2727 4	4.9	2715.4	4.9	97.7 101 0
KE2-81	31	89808	1.6	5.2778	0.6	13.7718	3.1	0.5272	3.1	0.98	2729.5	68.8	2734.1	29.8	2737.6	9.4	2737.6	9.4	99.7
KE2-9	31	96023	0.6	5.1473	0.7	14.1764	2.7	0.5292	2.6	0.97	2738.2	59.1	2761.6	26.0	2778.7	11.5	2778.7	11.5	98.5
KE2-4	42	64635	1.0	5.0188	0.5	15.0369	3.0	0.5473	3.0	1.00	2100.7	68.1	2817.6	28.5	2820.1	2.3	2820.1	2.3	99.8

KE3 (1AA/08-19-084-06W4/00)

						Isotope R	atios					Appa	arent Ages						
Analysis	U	206Pb	U/Th	206Pb*	±	207Pb*	±	206Pb*	±	error	206Pb*	±	207Pb*	±	206Pb*	±	Bestage	±	Conc
	(ppm)	204Pb		207Pb*	(%)	235U*	(%)	238U	(%)	corr.	238U*	(Ma)	235U	(Ma)	207Pb*	(Ma)	(Ma)	(Ma)	(%)
KE3-65	409	38078	0.5	20.0932	3.0	0.1766	3.3	0.0257	1.3	0.39	163.8	2.1	165.1	5.0	184.2	70.5	163.8	2.1	NA
KE3-103	289	41/92	1.9	19.5473	3.4	0.2709	3.9	0.0384	1.7	0.45	242.9	4.1	243.4	8.4	248.0	79.4	242.9	4.1	NA
KE3-84	48	1028	0.9	10 0070	21.0	0.4094	21.3	0.0506	3.0	0.14	318.2	9.5	348.5	62.8	200.3	403.5	318.2	9.5	NA NA
KE3-91	130	420704	0.9	18 6318	5.9	0.3003	6.3	0.0521	2.0	0.37	377.3	7.4	374.5	19.6	357.3	133.7	377.3	7.4	NA NA
KE3-45	233	51085	1.6	18.5927	2.9	0.4874	3.2	0.0657	1.2	0.37	410.3	4.7	403.1	10.6	362.0	66.4	410.3	4.7	113.3
KE3-96	467	182895	13.5	18.2355	1.1	0.4999	1.2	0.0661	0.6	0.46	412.7	2.3	411.6	4.2	405.6	24.8	412.7	2.3	101.7
KE3-58	119	33673	0.7	17.8867	3.0	0.5110	3.3	0.0663	1.4	0.41	413.8	5.5	419.1	11.3	448.7	66.8	413.8	5.5	92.2
KE3-20	132	82353	0.9	17.7315	3.4	0.5231	3.7	0.0673	1.3	0.36	419.7	5.4	427.2	12.8	468.0	76.0	419.7	5.4	89.7
KE3-94	47	15448	1.1	17.9183	11.0	0.5341	11.7	0.0694	3.9	0.34	432.6	16.5	434.5	41.4	444.8	245.9	432.6	16.5	97.3
KE3-4	40	12815	1.2	19.8979	10.7	0.4855	11.0	0.0701	2.6	0.24	436.5	11.0	401.8	36.5	206.9	248.1	436.5	11.0	211.0
KE3-30	100	26760	1.1	17.9065	2.5	0.5511	2.9	0.0716	1.5	0.51	445.6	6.5	445.7	10.5	446.2	55.5	445.6	6.5	99.9
KE3-17	165	29053	0.7	17.0578	4.7	0.5856	4.7	0.0725	0.8	0.17	450.9	3.6	468.1	17.8	553.2	101.9	450.9	3.6	81.5
KE3-86	2/1	56674	1.1	17.8818	1.7	0.5640	2.3	0.0732	1.0	0.68	455.1	7.1	454.2	8.0	449.3	38.0	455.1	7.1	101.3
KE3-8	129	37059	1.3	17 3062	3.0	0.5303	4.3	0.0700	2.6	0.43	523.0	12.0	523.5	14.7	521.5	75.7	523.0	12.0	100.7
KE3-3	34	18006	1.8	14 4237	3.0	1.4474	3.4	0.1514	1.7	0.50	908.9	14.5	908.8	20.6	908.6	61.5	908.6	61.5	100.0
KE3-6	159	138102	2.7	14.3540	0.7	1.4995	1.3	0.1561	1.2	0.87	935.1	10.2	930.2	8.2	918.6	13.6	918.6	13.6	101.8
KE3-80	193	147511	1.8	14.0811	1.0	1.5750	1.8	0.1609	1.5	0.83	961.5	13.1	960.4	11.0	957.9	20.3	957.9	20.3	100.4
KE3-66	86	139990	1.7	13.9659	1.5	1.5948	1.9	0.1615	1.2	0.63	965.3	10.7	968.2	11.8	974.7	29.9	974.7	29.9	99.0
KE3-57	40	45558	3.1	13.8784	4.3	1.6151	4.9	0.1626	2.2	0.44	971.0	19.4	976.1	30.5	987.5	88.5	987.5	88.5	98.3
KE3-11	27	9793	0.9	13.8755	6.3	1.4575	7.0	0.1467	3.0	0.43	882.3	24.8	913.0	42.3	987.9	129.2	987.9	129.2	89.3
KE3-90	81	31956	1.8	13.8367	2.2	1.6646	2.4	0.1670	1.0	0.41	995.8	9.3	995.1	15.5	993.6	45.3	993.6	45.3	100.2
KE3-35	69	41262	2.2	13.8193	1.1	1.7042	2.0	0.1708	1.7	0.83	1016.6	16.0	1010.1	13.1	996.2	22.8	996.2	22.8	102.0
KE3-105	118	118436	1.1	13.7433	1.1	1.6919	2.2	0.1686	1.9	0.87	1004.6	17.9	1005.5	14.2	1007.3	22.6	1007.3	22.6	99.7
KE3-70	322	448807	2.2	13.7.140	0.0	1.7204	3.5	0.1717	0.0	0.98	1021.0	J∠.5 87	1010.4	6.6	1011.7	9.0	1011.7	9.0	101.0
KE3-62	196	125739	2.7	13 6707	0.4	1.7299	1.0	0.1720	1.9	0.90	1023.0	12.8	1023.0	10.4	1012.0	17.9	1012.0	17.9	100.7
KE3-75	23	13163	1.9	13.5922	5.5	1.8303	5.9	0.1804	2.1	0.35	1069.3	20.6	1056.4	38.9	1029.7	112.0	1029.7	112.0	103.8
KE3-59	121	256948	1.7	13.5765	1.1	1.7433	2.7	0.1717	2.5	0.91	1021.2	23.4	1024.7	17.5	1032.1	22.3	1032.1	22.3	98.9
KE3-56	114	451440	0.8	13.5587	1.4	1.7681	2.3	0.1739	1.8	0.78	1033.4	17.3	1033.8	15.1	1034.7	29.2	1034.7	29.2	99.9
KE3-55	74	36322	1.1	13.5584	2.5	1.7257	2.9	0.1697	1.4	0.49	1010.4	13.2	1018.2	18.5	1034.8	50.5	1034.8	50.5	97.7
KE3-22	362	557502	2.0	13.5186	0.3	1.7701	1.1	0.1736	1.1	0.96	1031.7	10.1	1034.6	7.2	1040.7	6.0	1040.7	6.0	99.1
KE3-74	82	36149	2.1	13.5157	1.7	1.8002	1.9	0.1765	0.7	0.38	1047.6	6.8	1045.5	12.3	1041.1	35.2	1041.1	35.2	100.6
KE3-88	90	76010	1.5	13.4510	1.1	1.8502	2.3	0.1805	2.0	0.88	1069.7	19.9	1063.5	15.2	1050.8	22.4	1050.8	22.4	101.8
KE3-15	845	27923	4.0	13.4469	0.8	1.7688	2.0	0.1725	1.8	0.91	1025.9	17.4	1034.1	13.0	1051.4	16.5	1051.4	16.5	97.6
KE3-43	138	143808	2.3	13.4449	4.4	1.0400	4.7	0.1003	1.0	0.31	1064.0	9.8	1063.0	9.6	1051.8	21.5	1051.8	21.5	101.0
KE3-76	81	54282	2.0	13 3940	2.6	1.8344	2.9	0.1782	1.0	0.00	1057.1	12.5	1057.9	19.3	1059.4	53.0	1059.4	53.0	99.8
KE3-18	72	98879	0.8	13.3727	1.8	1.8020	2.5	0.1748	1.8	0.72	1038.4	17.5	1046.2	16.6	1062.6	35.6	1062.6	35.6	97.7
KE3-89	300	199205	2.6	13.3702	0.6	1.7663	2.2	0.1713	2.1	0.96	1019.1	20.0	1033.2	14.4	1063.0	12.7	1063.0	12.7	95.9
KE3-97	125	114341	2.6	13.3165	1.8	1.8229	3.6	0.1761	3.2	0.87	1045.4	30.6	1053.7	23.8	1071.1	35.6	1071.1	35.6	97.6
KE3-44	46	35932	0.9	13.2119	2.5	1.8522	2.7	0.1775	0.9	0.34	1053.2	8.8	1064.2	17.7	1086.9	50.7	1086.9	50.7	96.9
KE3-40	54	43917	1.2	13.1767	2.6	1.9059	3.4	0.1821	2.2	0.64	1078.6	21.4	1083.1	22.5	1092.2	52.0	1092.2	52.0	98.8
KE3-82	126	10105	1.2	13.1582	3.5	1.8284	3.7	0.1745	1.2	0.33	1036.8	11.7	1055.7	24.0	1095.0	69.1	1095.0	69.1	94.7
KE3-79	54	61980	1.8	12.9035	2.1	2.0263	2.9	0.1896	2.0	0.68	1119.4	20.1	1124.4	19.4	1134.0	41.5	1134.0	41.5	98.7
KE3-9	96	78034	3.0	12.8533	1.4	2.1451	2.8	0.2000	2.5	0.87	1175.1	20.4	1163.5	19.5	1141.8	27.3	1141.8	27.3	102.9
KE3-85	87	110070	1.0	12.0375	0.8	2.1470	1.7	0.2000	1.2	0.84	1155.2	12.5	1151.5	9.7	1144.2	15.4	1144.2	15.4	102.7
KE3-33	105	107845	4.0	12.7797	0.8	2.2086	2.8	0.2047	2.6	0.96	1200.5	29.0	1183.8	19.4	1153.2	16.3	1153.2	16.3	100.5
KE3-38	115	104542	4.2	12.7698	0.8	2.1294	1.8	0.1972	1.7	0.91	1160.4	17.7	1158.4	12.6	1154.7	15.0	1154.7	15.0	100.5
KE3-10	86	98485	1.7	12.7628	1.1	2.1220	2.1	0.1964	1.8	0.86	1156.1	19.0	1156.0	14.4	1155.8	21.1	1155.8	21.1	100.0
KE3-48	182	156971	1.8	12.7617	0.5	2.1195	1.2	0.1962	1.1	0.91	1154.7	11.6	1155.2	8.3	1156.0	9.9	1156.0	9.9	99.9
KE3-12	46	45171	1.9	12.7594	1.4	2.1651	1.8	0.2004	1.1	0.61	1177.2	11.8	1169.9	12.5	1156.3	28.2	1156.3	28.2	101.8
KE3-60	239	248265	2.8	12.7334	0.7	2.1594	1.4	0.1994	1.1	0.84	1172.2	12.2	1168.1	9.4	1160.4	14.6	1160.4	14.6	101.0
KE3-47	73	77973	2.6	12.7188	1.4	2.1560	2.5	0.1989	2.1	0.83	1169.3	22.7	1167.0	17.7	1162.7	27.8	1162.7	27.8	100.6
KE3-27	202	284670	1.9	12.7143	0.6	2.2227	2.0	0.2050	1.9	0.96	1201.9	21.3	1188.2	14.2	1163.4	11.2	1163.4	11.2	103.3
KE3-93	130	113335	2.1	12.7062	2.8	2.1439	3.2	0.1976	1.1	0.70	1157.4	16.0	1160.4	22.3	1166.1	55.4	1166.1	55.4	99.0
KE3-19	50	66234	11	12.0004	2.0	2 1475	3.4	0.1962	2.5	0.75	1154.7	26.6	1164.3	23.2	1182.0	43.7	1182.0	43.7	97.7
KE3-42	45	53738	1.1	12.5539	3.3	2.1489	3.7	0.1957	1.6	0.44	1152.0	16.9	1164.7	25.5	1188.5	65.4	1188.5	65.4	96.9
KE3-54	67	156344	3.2	12.5325	2.0	2.2498	2.2	0.2045	1.0	0.45	1199.4	10.9	1196.7	15.6	1191.9	39.1	1191.9	39.1	100.6
KE3-51	78	67841	2.2	12.4837	1.1	2.2807	1.6	0.2065	1.1	0.71	1210.1	12.3	1206.3	11.0	1199.6	21.7	1199.6	21.7	100.9
KE3-21	26	87012	1.6	12.1424	5.2	2.3891	5.5	0.2104	1.8	0.33	1230.9	20.2	1239.3	39.2	1254.0	101.3	1254.0	101.3	98.2
KE3-14	108	131563	1.3	12.1070	1.1	2.4654	2.1	0.2165	1.9	0.87	1263.2	21.5	1261.9	15.5	1259.7	20.6	1259.7	20.6	100.3
KE3-33	20	17179	0.7	11.9464	4.0	2.4778	4.5	0.2147	2.0	0.44	1253.7	22.3	1265.6	32.3	1285.7	/8.2	1285.7	/8.2	97.5
KE3-00	09 //7	36740	2.1	11.9297	1.1	2.5012	2.3	0.2233	2.0	0.68	1299.5	24.0	1295.3	18.9	1288.0	21.2	1288.0	34.9	00.9 08 0
KE3-61	123	91010	2.1	11 7647	1.0	2.3071	2.0	0.2132	1.7	0.70	1203.3	17 4	1271 5	14.5	1315.5	25.0	1315.5	25.0	94.7
KE3-64	41	30519	2.2	11.6274	1.8	2.7297	2.4	0.2302	1.6	0.65	1335.5	18.9	1336.6	17.8	1338.2	35.0	1338.2	35.0	99.8
KE3-71	28	12800	0.7	11.4462	4.5	2.7691	4.8	0.2299	1.7	0.36	1333.9	20.8	1347.3	36.0	1368.5	86.8	1368.5	86.8	97.5
KE3-37	224	126444	1.6	11.4099	0.4	2.7938	1.2	0.2312	1.1	0.94	1340.8	13.8	1353.9	9.1	1374.7	8.1	1374.7	8.1	97.5
KE3-81	30	9650	0.8	11.3367	3.6	2.8102	4.3	0.2311	2.3	0.54	1340.0	28.1	1358.3	31.9	1387.0	68.6	1387.0	68.6	96.6
KE3-77	120	179360	2.2	11.3189	0.7	2.9096	1.9	0.2389	1.8	0.92	1380.7	21.9	1384.4	14.4	1390.0	14.2	1390.0	14.2	99.3
KE3-24	38	53127	1.0	11.2472	2.0	2.8857	2.2	0.2354	1.0	0.43	1362.7	12.0	1378.2	17.0	1402.2	38.8	1402.2	38.8	97.2
KE3-46	29	34158	1.6	11.2336	2.4	2.9293	2.7	0.2387	1.3	0.47	1379.7	15.7	1389.5	20.3	1404.5	45.1	1404.5	45.1	98.2
KE3-83	168	100007	2.7	10.9976	0.5	3.1545	1.4	0.2516	1.3	0.92	1446.8	16.4	1446.1	10.6	1445.1	10.4	1445.1	10.4	100.1
KE3-99	75	76000	1.0	10.9307	1.8	3.0639	3.4	0.2330	2.0	0.85	1403.1	36.6	1473.0	26.2	1457.0	34.2	1457.0	34.2	96.2
KE3-72	67	67473	1.1	9.6093	1.2	4.3073	1.6	0.3002	1.1	0.66	1692.2	16.0	1694.8	13.4	1697.8	22.4	1697.8	22.4	99.7
KE3-32	262	204589	0.8	9.2096	0.2	4.7071	0.9	0.3144	0.8	0.97	1762.4	12.9	1768.5	7.2	1775.7	4.1	1775.7	4.1	99.2
KE3-1	20	32134	0.6	8.9463	3.1	5.0402	3.9	0.3270	2.4	0.61	1824.0	37.8	1826.1	32.9	1828.5	55.5	1828.5	55.5	99.8
KE3-69	41	68132	0.7	8.8829	1.2	5.2372	1.5	0.3374	0.8	0.56	1874.2	13.4	1858.7	12.5	1841.4	22.1	1841.4	22.1	101.8
KE3-53	101	101892	1.1	8.8661	0.3	5.2948	1.4	0.3405	1.3	0.98	1889.0	21.8	1868.0	11.6	1844.8	4.5	1844.8	4.5	102.4
KE3-49	41	58567	0.8	8.7818	1.1	5.2502	2.5	0.3344	2.3	0.90	1859.6	36.6	1860.8	21.6	1862.1	20.3	1862.1	20.3	99.9
KE3-78	16	31620	0.9	8.7512	3.3	5.1665	4.0	0.3279	2.2	0.54	1828.3	34.3	1847.1	33.8	1868.4	60.2	1868.4	60.2	97.9
NE3-28	30	36489	1.0	8.7457	1.9	5.2100	4.1	0.3305	3.6	0.89	1840.6	27.0	1854.2	34.8	1869.5	33.9	1869.5	33.9	98.5
KE3-09	33	01066 115604	0.4	6.0105	1.4	5.2840	2.2	0.3325	1.7	0.78	1850.7	21.3	2530 4	18.6	1883.7	24./	2521.5	24.7	98.2
KE3-67	55	80334	0.7	5 4069	0.4	13 3506	1.3	0.4033	0.8	0.90	2714 1	25.0 18.3	2704 8	86	2697 8	6.0	2697.8	6.6	100.0
KE3-92	24	40695	1.1	5.3595	0.7	13.4900	2.6	0.5244	2.5	0.97	2717 7	55.8	2714.6	24.6	2712.3	10.9	2712.3	10.9	100.2
KE3-87	105	321641	1.0	5.3306	0.2	13.5578	2.6	0.5242	2.6	1.00	2716.8	57.9	2719.3	24.7	2721.2	2.7	2721.2	2.7	99.8
KE3-39	45	67547	0.6	5.2945	0.5	13.7580	1.8	0.5283	1.8	0.96	2734.3	39.3	2733.2	17.4	2732.4	8.6	2732.4	8.6	100.1
KE3-13	114	318959	1.9	5.1506	0.4	14.5455	1.3	0.5434	1.2	0.95	2797.5	27.4	2786.0	12.1	2777.7	6.5	2777.7	6.5	100.7
KE2 41	47	195925	1 2	5 1405	0.6	14 2202	2.0	0.52/4	2.0	0.00	2759 7	71 5	2771 0	20.7	2790 2	0.0	2790.2	0.0	00.0

KE4 (1AA/08-19-084-06W4/00)

						Isotope R	atios					App	arent Ages						
Analysis	U	206Pb	U/Th	206Pb*	±	207Pb*	±	206Pb*	±	error	206Pb*	±	207Pb*	±	206Pb*	±	Best age	±	Conc
	(ppm)	204Pb		207Pb*	(%)	235U*	(%)	238U	(%)	corr.	238U*	(Ma)	235U	(Ma)	207Pb*	(Ma)	(Ma)	(Ma)	(%)
KE4-31	123	15972	0.8	19.6677	6.6	0.2838	7.0	0.0405	2.2	0.31	255.8	5.4	253.7	15.7	233.8	153.1	255.8	5.4	NA
KE4-63	215	27612	2.4	19.2540	4.1	0.3370	4.3	0.0471	0.9	0.22	296.4	2.7	294.9	10.9	282.7	94.9	296.4	2.7	NA
KE4-68	155	48801	2.4	18.2714	2.3	0.4565	3.9	0.0605	3.2	0.81	378.7	11.8	381.9	12.5	401.2	51.1	378.7	11.8	NA
KE4-35	192	65812	1.7	18.0747	2.0	0.5068	2.3	0.0664	1.2	0.51	414.7	4.7	416.3	7.8	425.4	43.6	414.7	4.7	97.5
KE4-101	218	61112	0.9	18.4938	3.6	0.4974	4.1	0.0667	1.9	0.48	416.3	7.8	409.9	13.7	374.0	80.5	416.3	7.8	111.3
KE4-60	205	50118	1.3	18.2569	2.2	0.5045	2.5	0.0668	1.1	0.44	416.9	4.4	414.8	8.4	403.0	49.7	416.9	4.4	103.5
KE4-20	282	71386	3.3	18.2145	1.6	0.5131	2.0	0.0678	1.2	0.62	422.7	5.0	420.5	6.9	408.2	35.3	422.7	5.0	103.6
KE4-5	145	20740	0.8	17.4964	2.5	0.5598	2.7	0.0710	1.0	0.37	442.4	4.3	451.4	9.9	497.5	55.4	442.4	4.3	88.9
KE4-102	187	24696	1.5	18.0816	2.7	0.5466	3.2	0.0717	1.7	0.53	446.3	7.2	442.8	11.3	424.5	59.8	446.3	7.2	105.1
KE4-70	82	17288	1.0	18.6298	3.9	0.5445	4.4	0.0736	2.0	0.46	457.6	8.9	441.4	15.6	357.5	87.3	457.6	8.9	128.0
KE4-7	102	35302	1.9	17.9948	4.7	0.5722	4.9	0.0747	1.1	0.23	464.3	5.0	459.4	17.9	435.3	105.2	464.3	5.0	106.7
KE4-15	44	8463	0.5	17.0998	10.3	0.6125	10.6	0.0760	2.1	0.20	472.0	9.7	485.1	40.7	547.8	226.4	472.0	9.7	86.2
KE4-69	47	87108	2.0	14.1373	4.4	1.5354	4.8	0.1574	1.9	0.40	942.5	16.9	944.7	29.6	949.7	90.1	949.7	90.1	99.2
KE4-86	103	116048	1.7	13.7713	1.5	1.7332	1.9	0.1731	1.2	0.63	1029.2	11.6	1021.0	12.6	1003.2	30.9	1003.2	30.9	102.6
KE4-55	202	163768	2.4	13.7013	0.9	1.7464	1.5	0.1735	1.2	0.80	1031.6	11.1	1025.8	9.4	1013.5	17.5	1013.5	17.5	101.8
KE4-10	17	9031	1.8	13.6992	6.2	1.7751	6.8	0.1764	2.7	0.40	1047.1	26.4	1036.4	44.1	1013.8	125.9	1013.8	125.9	103.3
KE4-41	52	29520	1.7	13.6624	2.2	1.7676	2.8	0.1751	1.7	0.62	1040.4	16.6	1033.6	18.1	1019.3	44.2	1019.3	44.2	102.1
KE4-94	75	68334	3.6	13.6417	2.5	1.7792	3.1	0.1760	1.8	0.58	1045.3	17.4	1037.9	20.3	1022.4	51.6	1022.4	51.6	102.2
KE4-67	263	257750	2.9	13.6075	0.6	1.7403	2.1	0.1718	2.0	0.97	1021.8	19.2	1023.6	13.6	1027.4	11.1	1027.4	11.1	99.4
KE4-43	242	122268	2.5	13.6059	0.5	1.7897	1.7	0.1766	1.6	0.95	1048.4	15.9	1041.7	11.2	1027.7	10.4	1027.7	10.4	102.0
KE4-4	73	58908	2.2	13.5920	1.9	1.7417	2.2	0.1717	1.1	0.50	1021.4	10.2	1024.1	14.0	1029.8	37.9	1029.8	37.9	99.2
KE4-29	124	105166	2.9	13.5810	1.0	1.7834	1.3	0.1757	0.7	0.59	1043.2	7.1	1039.4	8.2	1031.4	20.7	1031.4	20.7	101.1
KE4-62	26	18613	1.7	13.5563	5.1	1.8402	5.4	0.1809	1.7	0.33	1072.0	17.2	1059.9	35.3	1035.1	102.6	1035.1	102.6	103.6
KE4-33	79	78252	12	13 5212	2.1	1 7934	2.7	0 1759	1.7	0.64	1044.3	16.6	1043.0	17.6	1040.3	41.9	1040.3	41.9	100.4
KE4-89	28	77446	0.8	13.5127	5.5	1.8561	5.8	0.1819	1.8	0.32	1077.4	18.2	1065.6	38.2	1041.6	111.0	1041.6	111.0	103.4
KE4-54	191	204026	5.1	13.5044	0.8	1.8205	1.1	0.1783	0.8	0.71	1057.7	7.4	1052.9	7.0	1042.8	15.2	1042.8	15.2	101.4
KE4-19	345	287306	3.4	13.4957	0.6	1.8476	1.1	0.1808	0.9	0.84	1071 6	9.1	1062.6	7.2	1044 1	12.2	1044.1	12.2	102.6
KE4-93	131	110115	1.7	13.4825	1.1	1.8321	1.8	0.1791	1.4	0.78	1062.3	13.5	1057.0	11.5	1046 1	22.0	1046.1	22.0	101.5
KE4-96	30	41324	2.3	13.4644	4.3	1.7592	4.5	0.1718	1.4	0.31	1022.0	13.3	1030.6	29.1	1048.8	86.2	1048.8	86.2	97.4
KE4-48	57	68364	2.4	13.4417	3.4	1.8102	3.7	0.1765	1.2	0.34	1047 7	12.0	1049 1	24.0	1052.2	69.4	1052.2	69.4	99.6
KF4-88	58	52471	1 2.7	13 4075	1.5	1 8221	1 0	0 1772	1.2	0.60	1051.6	11.2	1053.4	12.6	1057.4	31.0	1057.4	31.0	99.5
KE4-52	67	59374	1 /	13 3322	1.3	1 8484	1.8	0.1787	1.2	0.68	1060.0	11.2	1062.4	11.8	1068 7	26.5	1068.7	26.5	99.2
KF4-98	46	46156	0.0	13 3218	24	1 8597	2.7	0 1797	1.2	0.00	1065.0	10.6	1066.9	17.6	1070 3	49.0	1070.3	49.0	99.5
KE4-103	122	69499	19	13 3207	1 9	1 8917	2.1	0 1828	1.1	0.51	1082.0	11.2	1078.2	14.6	1070.0	37.9	1070.4	37.9	101 1
KE4-100	86	66284	1.3	13 3024	1.3	1.8679	3.5	0.1020	3.3	0.01	1068.1	32.2	1069.8	23.3	1073.2	25.6	1073.2	25.6	99.5
KE4-13	73	88688	1.0	13 2806	1.0	1.0075	1.9	0.1875	1.0	0.50	1107.8	92.2	1003.0	12.7	1076.5	32.4	1076.5	32.4	102.9
KE4-10	60	52712	1.2	13 2267	2.2	1.0400	2.5	0.1852	1.0	0.62	1095.0	11.5	1091.6	16.7	1084.6	44.5	1084.6	44.5	102.0
KE4-12	35	28426	1.2	13 2062	4.6	1 9119	6.2	0.1831	4.2	0.40	1084.0	42.0	1085.2	41.6	1087.8	92.1	1087.8	92.1	99.7
KE4 47	56	67759	0.8	13 1906	4.0	1 0112	2.0	0.1031	4.2	0.00	1004.0	42.0	1005.2	13.6	1001.0	27.0	1007.0	27.0	00.1
KE4 73	38	26632	0.0	13 1728	1.5	1.9112	5.2	0.1027	2.4	0.75	10/18 0	22.0	1063.0	34.1	1091.0	02.2	1091.0	02.2	99.1
KE4 16	47	20032	0.8	13 1276	4.0	1 0218	3.1	0.1707	1.4	0.40	1040.3	18.6	1003.2	20.4	1092.0	48.5	1092.0	48.5	90.0
KE4-10	47	77680	0.0	13.0/16	2.4	1.9210	3.1	0.1030	1.9	0.01	11003.2	13.0	1110.0	20.4	1112.8	40.0	1112.8	40.0	90.0
KE4-90	140	11000	2.1	12,0410	0.0	2.0524	1.4	0.1079	1.0	0.91	1109.9	20.0	1110.9	9.0	1112.0	25.2	112.0	25.2	99.7
KE4-79	52	60501	2.4	12.9002	1.0	2.0024	2.3	0.1330	0.8	0.00	1123.1	20.0	1124.4	11.7	1124.4	23.5	1124.4	23.5	00.7
KE4-33	27	16380	2.4	12.3437	5.1	2.0203	5.0	0.1303	3.0	0.50	1125.1	32.3	1170.0	11.5	1120.0	101.6	1120.5	101.6	104.2
KE4-23	54	59770	0.0	12.0720	2.0	2.1000	2.5	0.2021	3.0	0.30	1160.0	12.0	1152.7	21.0	1130.9	67.0	1120.0	57.9	104.2
KE4 75	143	10/126	2.3	12.0710	2.3	2.1120	1.4	0.1072	1.0	0.40	1167.9	12.0	1160.3	21.3	11/6 /	15.4	1146.4	15.4	101.0
KE4-73	143	104120	2.2	12.0230	0.0	2.1004	2.0	0.1900	1.2	0.04	1107.0	12.0	1150.3	9.9	1140.4	22.0	1140.4	22.0	101.9
KE4-92	101	40040	1.4	12.0074	1.7	2.1000	3.0	0.1902	2.4	0.02	1174.0	20.0	1109.7	20.5	1140.9	12.2	1140.9	12.9	101.4
KE4-30	272	152402	1.2	12.7767	0.0	2.1003	2.1	0.1997	2.0	0.07	11/4.0	21.0	1147.0	21.2	1153.3	12.2	1153.5	12.2	101.0
KE4-71	100	100492	2.2	12.7529	0.0	2.0940	3.1	0.1937	3.0	0.90	1141.0	22.4	1147.0	17.4	1107.3	12.0	1160.0	12.0	90.0
KE4-02	109	27006	0.0	12.7301	1.0	2.0920	2.0	0.1932	2.1	0.00	1100.0	22.4	1140.3	22.4	1164.9	20.0	1164.9	20.0	90.1
KE4-30	70	27000	1.9	12.7031	3.3	2.1002	2.4	0.2014	0.0	0.23	1103.1	24.0	11/0.0	20.4	1104.0	10.7	1169.7	10.7	101.0
KE4-104	79	90431	4.3	12.0000	1.0	2.2009	2.4	0.2030	2.2	0.91	1191.2	24.0	1163.2	10.9	1100.7	19.7	1100.7	19.7	101.9
KE4-27	240	204404	1.1	12.0304	0.4	2.1021	2.0	0.1965	2.7	0.99	1107.3	29.2	1169.0	19.1	1172.1	7.0	1172.1	7.0	99.0
KE4-67	21	3/40/	2.7	12.0423	4.4	2.1042	0.0	0.1984	3.0	0.00	1100.9	40.4	1109.0	40.5	11/4.0	07.0	11/4.0	01.0	99.3
KE4-00	04	114991	Z.1	12.5//0	1./	2.2425	2.0	0.2046	1.8	0.73	1199./	20.2	1194.4	10.0	1104.9	34.2	1104.9	34.2	101.3
KE4-90	100	20200	1./	12.023/	2.U 1 F	2.2431	2.0	0.2037	2.0 1.E	0.09	1195.4	21.3	1194.0	19.0	1201.0	40.2	1201.3	40.2	047
KE4-94	100	03923	1./	12.4723	1.0	2.1342	2.1	0.1931	1.0	0.71	1202 4	10./	12024	14.0	1201.3	23.0	1201.3	23.0	94./ 100.0
KE4-24	70	40000	2.Z	12.4000	1.0	2.2000	2.0	0.2001	1.7	0.70	1202.4	10.0	1202.4	17.3	1202.4	34.7 20 P	1202.4	04.7 20 c	100.0
KE4-95	10	+0009	1.9	12.3502	1.0	2 3020	1.9	0.2090	1.2	0.04	1220.0	10.0	1221.9	11.0	1213.	20.0 1/1 ℃	1213.1	20.0	98.9
KE4-05	54 24	28100	0.0	12.0001	5.7	2.3039	5.5	0.2002	1.0	0.30	1166.2	18.0	1101 0	9.0F	1222.3	102.2	1222.0	102.2	0.00 Q/ 0
KE4.17	24 QQ	1203///	2.4	12.2014	0.2	2 5504	1.0	0.1003	0.8	0.62	1207.1	10.5	1280.1	90.0 8 F	1230.3	16.7	1275.9	16.7	101 7
KF4_100	16	13014	0.7	11 7042	0.0 4 A	2.0004	5.2	0.2229	27	0.51	1323.4	32.0	1324.2	30.0	1325.5	88.4	1325.5	88.4	90.2
KE4-83	72	73719	0.7	11 4330	4.0	2.0040	2.3	0.2279	17	0.70	1325.4	21 6	1385.9	16.6	1320.0	26.1	1370.6	26.1	101 8
KE4_42	72	85838	1/	11 3067	1.4	2.8130	2.2	0.2417	2.4	0.73	1371 3	20.0	1303.0	20.1	1302.1	20.1	1302.1	20.1	98.5
KE4-3	52	50752	2.4	11 2081	1.1	2.0305	1.7	0.2370	1.4	0.68	1380.8	14 5	1373.4	13.0	1302.1	24.2	1302.1	24.2	90.5 90.1
KF4-74	111	34147	1.6	11 1372	1.5	2.3130	2.4	0.2009	2.0	0.00	1306.8	23.1	1350.8	18.3	1421 0	29.2	1421.0	28.3	92 N
KE4-36	90	76030	1.0	11 0/09	1.0	3 1250	5.2	0.2247	2.0	0.00	14/0 1	6/ 2	1/120 1	40.1	1437 6	20.0	1421.0	20.0	100 0
KE4-50	61	73305	1.0	10.0305	1.0	3 2095	2.0	0.2503	1 7	0.90	1440.1	21 7	1450.1	15.0	1457.0	20.0	1455.0	20.0	100.Z
KE4-09	100	1002/0	1.2	10.9395	0.7	3 2926	2.0	0.2040	2.2	0.04	1402.0	21./	1409.2	19.2	1400.2	12 7	1457.5	13 7	100.0
KE4-04	120	183314	1.0	10.9202	1.0	3,2662	2.4 1.5	0.2001	2.3	0.90	1490.0	1/ 7	1470.9	11.9	1407.0	19.7	1407.5	19.7	102.3
KE4-07	120	62019	3.4	10.0000	1.0	3 3120	1.0	0.2574	1.1	0.79	14/0.0	14./ 22.2	1473.1	16.9	1400.0	25.6	1400.0	25.6	00.0
KE4-39	52	02310	1.2	10.7077	1.3	3 0050	2.Z	0.2007	0.0	0.70	1403.2	12 4	1633.4	11.0	1400.2	10.0	1620.4	10.0	101 /
KE4-21	71	117117	1./	9 9405	0.8	4 0730	1.4	0.2004	1.5	0.03	1650.7	22.0	1648 0	14.1	1635.1	14 0	1635.1	14 0	101.4
KE4-65	11	52525	0.9	9.9400	0.0	4.0730	1.7	0.2930	1.0	0.09	165/ /	22.4	1651 7	327	16/19 4	45.0	1648.4	45.0	101.0
KE4-00	4/	11057	1.0	9.0099	2.4 1 F	4.0071	4.0	0.2920	3.Z	0.79	1004.4	40.4	177/ 0	32.1	1756 0	40.0	1756.0	10.0	101.4
KE4-1	4/	65904	1.2	0.0000	1.0	4.7590	1.0	0.3199	1.0	0.09	1757 0	24.1	1764.7	12.0	1772.4	15.0	1772.4	15.0	00.4
KE4-45	71	107167	1.4	9.2230	1.0	5.2160	1.0	0.3134	1.3	0.00	1970 4	20.0	1955.0	17.2	1020 0	22.6	1939.3	23.6	39.1 101.9
KE4 34	75	00000	Z.3	0.0900	1.3	5.2100	2.0	0.3300	1.0	0.70	19/0.4	16.0	1000.2	10.7	1030.2	20.0	1944.0	23.0	101.0
KE4-04	10	30000	1.4	0.00/1	0.0	5.2100	1.3	0.3356	1.0	0.76	1003.3	10.0	1000.0	32.0	1044.0	14.Z	1044.0	14.Z	101.1 00 F
KE4-10	11	20730	3.3	0.4098	3.2	6 7060	3.9	0.3416	2.3	0.59	2004.2	21.4	1907.9	33.0	1922.9	17.0	2070.0	17.0	30.0 100 c
KE4-00	100	130448	1.4	5.5050	1.0	12 1222	1.0	0.3033	1.2	0.77	2091.8	Z1.4	2000.3	20.0	2010.9	11.5	2070.9	17.3	100.0
KE4-99	109	203098	1.0	5.0909	0.3	13 0070	2.Z	0.4920	4.2	0.99	2019.3	40.2	2013.9	20.0	2040.9	0.5	2040.9	0.0	31.1
KE4 60	01	07004	0.9	5.4009	0.0	12 1425	1.4	0.5202	1.3	0.90	2/00.1	21.1	2000.9	10.7	2010.3	9.8	2070.3	9.8	100.9
NE4-00	38	9/301	0.7	5.4683	0.7	13.1135	1.1	0.5201	0.9	0.80	2099.5	19.6	2087.8	10.5	20/9.1	11.2	2679.1	11.2	100.8
NE4-32	11	100024	0.6	5.4311	0.3	13.3421	0.8	0.5255	0.7	0.90	2122.1	10.3	2/04.2	1.1	2690.4	5.8	2690.4	5.8	101.2
KE4-91	63	90750	1.0	5.3924	0.5	13.2110	1.0	0.5167	0.8	0.87	2685.1	18.5	2694.8	9.1	2/02.2	1.7	2702.2	1.7	99.4
KE4-25	13	98013	1./	5.3/31	0.3	13.9069	1.0	0.5419	0.9	0.94	2791.6	21.1	2743.4	9.4	2708.1	21 7	2708.1	21 7	103.1

LA1(100/10-20-077-07W4/00)

Analysis	U	206Pb	U/Th	206Pb*	±	Isotope Ra 207Pb*	atios ±	206Pb*	±	error	206Pb*	Appa ±	arent Ages 207Pb*	±	206Pb*	±	Bestage	±	Conc
41-94	(ppm)	204Pb	17	207Pb*	(%)	235U*	(%)	238U	(%)	corr.	238U* 263.1	(Ma)	235U	(Ma) 8 1	207Pb*	(Ma)	(Ma) 263.1	(Ma)	(%)
LA1-94	162	16941	0.7	17.9292	3.7	0.4833	4.6	0.0628	2.7	0.59	392.9	10.2	400.3	15.1	443.4	82.2	392.9	10.2	NA
LA1-97	97 241	44579	2.0	18.2198	8.0	0.5065	8.2	0.0669	1.7	0.21	417.7	7.0	416.1	28.0	407.5	179.4	417.7	7.0	102.5 94.3
LA1-50	273	122966	1.0	17.6527	1.1	0.6023	1.8	0.0771	1.4	0.78	478.8	6.4	478.7	6.8	477.9	24.6	478.8	6.4	100.2
LA1-33 LA1-17	287 135	179994 110342	2.2	16.7302 14.4505	1.4 1.6	0.7893	2.3	0.0958	1.8 2.3	0.80	589.6 850.2	10.3	590.7 865.4	10.2	595.4 904.7	29.3	589.6 850.2	10.3	99.0 94.0
LA1-101	79	114970	2.0	13.7874	1.0	1.6800	1.7	0.1680	1.4	0.82	1001.0	12.6	1001.0	10.6	1000.8	19.3	1000.8	19.3	100.0
LA1-72 LA1-45	788	834048 102954	18.2	13.7475	0.3	1.7480	1.6 1.8	0.1743	1.6 1.5	0.98	1035.7	14.9 14.6	1026.4	10.3	1006.7	6.0 18.5	1006.7	6.0 18.5	102.9
LA1-51	48	27609	0.7	13.6958	3.0	1.7901	3.4	0.1778	1.7	0.50	1055.0	16.6	1041.9	22.3	1014.3	60.1	1014.3	60.1	104.0
LA1-46 LA1-92	63 72	41487 65972	2.4	13.6762	1.7	1.7850	2.4	0.1771	1.8	0.73	1050.9	17.1	1040.0	15.8	1017.3	29.4	1017.3	29.4	103.3
LA1-1	59	62515	2.8	13.5292	2.1	1.8163	2.6	0.1782	1.5	0.57	1057.2	14.2	1051.3	16.8	1039.1	42.6	1039.1	42.6	101.7
LA1-18 LA1-69	32	33778	0.6	13.5245	4.9	1.8184	6.2	0.1785	3.7	0.69	1058.0	36.5	1052.4	40.5	1039.8	99.1	1039.8	99.1	101.8
LA1-16	46	58119	1.0	13.5092	2.9	1.8381	3.2	0.1801	1.5	0.45	1067.5	14.3	1059.2	21.2	1042.1	58.0	1042.1	58.0	102.4
LA1-100	120	130696	1.4	13.4397	1.4	1.8892	2.0	0.1807	1.5	0.08	1070.5	15.1	1077.3	13.0	1042.2	25.3	1042.2	25.3	102.8
LA1-54	131	83404	1.7	13.4214	0.8	1.8714	1.1	0.1822	0.8	0.71	1078.8	7.7	1071.0	7.2	1055.3	15.4	1055.3	15.4	102.2
LA1-21	71	52392	0.2	13.3482	2.2	1.8619	2.0	0.1802	1.4	0.57	1068.3	14.1	1065.5	17.8	1061.8	44.4	1066.3	44.4	100.4
LA1-32	176	194930	2.5	13.3350	1.1	1.8952	2.0	0.1833	1.6	0.83	1084.9	16.1	1079.4	13.0	1068.3	22.2	1068.3	22.2	101.6
LA1-95	43	25171	1.0	13.2855	2.9	1.8643	3.5	0.1796	2.0	0.57	1065.0	19.8	1068.5	23.3	1075.7	58.1	1075.7	58.1	99.0
LA1-6 LA1-4	72	114378	1.7	13.2591 13.0830	1.2	1.9143 2.0145	1.8	0.1841	1.4	0.77	1089.3	13.8	1086.1	12.0	1079.7	23.2	1079.7	23.2	100.9
LA1-63	93	87493	2.0	13.0771	1.1	2.0263	3.1	0.1922	2.9	0.93	1133.2	29.9	1124.4	21.0	1107.4	22.8	1107.4	22.8	102.3
LA1-65 LA1-38	400	405717 112259	3.8 2.1	12.8374 12.7904	0.3	2.1558 2.1105	0.9	0.2007	0.9	0.95	1179.2 1152.6	9.3 19.9	1166.9 1152.3	6.3 14.1	1144.2 1151.5	5.5 16.1	1144.2 1151.5	5.5 16.1	103.1
LA1-61	107	96083	2.5	12.7596	0.9	2.1919	2.0	0.2028	1.8	0.89	1190.6	19.1	1178.5	13.7	1156.3	17.5	1156.3	17.5	103.0
LA1-7 LA1-48	202	61493 2380	1.3	12.6214	0.6	2.1753	1.9	0.1991	1.8	0.95	1083.8	80.1	11/3.2	13.0	1203.0	11.3 169.8	11/7.9	11.3	99.4
LA1-84	17	24579	1.3	12.3829	4.9	2.4327	5.7	0.2185	2.9	0.51	1273.8	33.8	1252.3	41.4	1215.5	97.4	1215.5	97.4	104.8
LA1-66	335	345660	1.0	11.8632	0.4	2.3576	2.0	0.2111	0.8	0.85	1322.4	9.0	1313.6	6.2	1221.6	20.7	1221.6	7.2	101.1
LA1-93	35	64997	1.9	11.8053	1.8	2.5795	2.5	0.2209	1.8	0.71	1286.4	20.7	1294.8	18.3	1308.8	34.3	1308.8	34.3	98.3
LA1-90 LA1-68	31	24252	1.3	11.2811	2.8	3.0467	3.1	0.2493	1.4	0.40	1434.7	18.4	1419.4	23.8	1396.5	53.1	1320.9	53.1	102.7
LA1-73	193	616806	3.3	10.8613	0.4	3.3903	1.0	0.2671	1.0	0.92	1525.9	12.9	1502.2	8.1	1468.8	7.5	1468.8	7.5	103.9
LA1-53	105	138822	1.3	9.8621	0.7	4.1428	1.5	0.2963	1.3	0.88	1673.0	19.5	1662.8	12.3	1649.9	13.0	1649.9	13.0	100.0
LA1-29	199 149	368838	10.2	9.0572	0.3	5.0541	0.7	0.3320	0.7	0.93	1848.1	10.8	1828.4 1838.7	6.1 9.8	1806.1	4.8	1806.1 1808.7	4.8	102.3
LA1-2	100	112164	0.8	8.9955	0.9	5.1078	1.2	0.3332	0.8	0.69	1854.1	13.1	1837.4	10.0	1818.6	15.5	1818.6	15.5	102.0
LA1-58 LA1-23	84	179737 336810	3.3	8.9928	0.5	5.1995	0.9	0.3391	0.8	0.83	1882.4	12.3	1852.5	7.8	1819.1	9.3	1819.1	9.3 8.9	103.5
LA1-71	26	41269	3.7	8.9605	1.7	5.2072	2.1	0.3384	1.2	0.60	1879.0	19.9	1853.8	17.5	1825.6	29.9	1825.6	29.9	102.9
LA1-35 LA1-31	92 82	179424 102320	1.4	8.9539	0.9	5.2250	1.6 1.5	0.3393	1.3	0.81	1883.3	21.0	1856.7	13.6 12.8	1827.0	17.1	1827.0	17.1	103.1
LA1-81	75	149152	1.9	8.9194	0.7	5.3328	1.1	0.3450	0.9	0.80	1910.6	14.3	1874.1	9.3	1834.0	11.9	1834.0	11.9	104.2
LA1-86 LA1-89	10 53	18387	0.4	8.9187	5.1 0.9	5.2965	5.6	0.3426	2.2	0.39	1899.2	20.4	1868.3	47.5	1834.1	92.8	1834.1 1834.6	92.8	103.5
LA1-104	278	160595	5.7	8.9134	0.4	4.0566	2.0	0.2622	1.9	0.98	1501.3	25.6	1645.6	15.9	1835.2	7.3	1835.2	7.3	81.8
LA1-91	29	139504	2.0	8.9073	0.7	5.2042	1.2	0.3376	1.9	0.85	1875.1	17.1	1856.8	10.5	1836.4	11.9	1836.4	11.9	102.8
LA1-105	74	113579	1.6	8.9051	0.6	5.2203	0.9	0.3372	0.7	0.76	1873.0	11.6	1855.9	7.9	1836.9	10.9	1836.9	10.9	102.0
LA1-103	77	240049	1.1	8.8948	0.6	5.1879	1.0	0.3347	0.8	0.32	1861.0	12.6	1850.6	8.5	1839.0	11.3	1839.0	11.3	101.0
LA1-40	27	42562	0.9	8.8898	2.1	5.3169 5.3230	2.2	0.3428	0.8	0.34	1900.2 1902.0	29.3	1871.6 1872.6	18.7	1840.0 1840.0	37.2	1840.0 1840.0	37.2	103.3
LA1-3	95	169349	1.0	8.8840	0.6	5.2636	1.3	0.3392	1.1	0.88	1882.6	18.3	1863.0	10.8	1841.2	10.8	1841.2	10.8	102.3
LA1-99 LA1-8	57 57	90844	0.9	8.8832	0.8	5.2150 5.3380	1.5	0.3360	1.3	0.85	1867.3	20.9	1855.1 1875.0	13.0	1841.3	14.6	1841.3 1847.0	14.6	101.4
LA1-27	67	176095	0.7	8.8465	0.5	5.3656	2.2	0.3443	2.1	0.98	1907.2	34.9	1879.4	18.5	1848.8	8.6	1848.8	8.6	103.2
LA1-36 LA1-24	26 63	46592	0.9	8.8393	0.7	5.3572	1.9	0.3304	1.6	0.80	1903.2	24.9	1844.5	15.6	1849.3	<u>∠0.8</u> 13.5	1849.3	20.8	99.5 102.9
LA1-60	122	216233	1.8	8.8108	0.5	5.3673	3.2	0.3430	3.2	0.99	1901.0	52.3	1879.7	27.5	1856.1	9.1	1856.1	9.1	102.4
LA1-20	78	96546	1.2	8.8094	0.7	5.4199	1.0	0.3345	1.5	0.92	1916.8	24.3	1888.0	14.0	1856.4	9.0	1856.4	9.0	100.2
LA1-37	107	216246	1.2	8.8070	0.6	5.3549	1.3	0.3420	1.1	0.89	1896.5	18.4	1877.7	10.8	1856.9	10.4	1856.9	10.4	102.1
LA1-67	174	542177	4.6	8.7775	0.5	4.6660	2.7	0.2970	2.6	0.98	1676.6	39.0	1761.2	22.5	1863.0	8.6	1863.0	8.6	90.0
LA1-55 LA1-21	83 84	116140 6720	3.8	8.7442 8.7279	0.5	5.4991 5.3434	1.7	0.3487	1.7	0.96	1928.6 1878 2	27.7	1900.5 1875.8	14.9	1869.8	8.9 25.2	1869.8 1873.2	8.9 25.2	103.1
LA1-5	59	151981	2.8	8.7271	1.2	5.4016	1.4	0.3419	0.8	0.53	1895.8	12.5	1885.1	12.3	1873.4	22.1	1873.4	22.1	101.2
LA1-79 LA1-61	37	113723 84455	1.4	8.6126 8.5695	1.0	5.5589 5.5891	1.6	0.3472	1.3	0.78	1921.4	20.9	1909.8 1914.4	14.0 13.9	1897.1 1906.2	18.4	1897.1 1906.2	18.4 14.0	101.3
LA1-10	145	235499	1.7	8.5493	0.4	5.7296	1.3	0.3553	1.2	0.95	1959.7	20.4	1935.8	11.0	1910.4	7.4	1910.4	7.4	102.6
LA1-15 LA1-52	83	433208	0.8	8.5050 6.2994	4.1	5.41/2	4.7	0.3342	2.4	0.51	2462.3	38.8	2451.4	40.5	2442.3	6.5	2442.3	6.5	96.8 100.8
LA1-36	78	167273	0.8	6.0448	0.3	11.1810	1.5	0.4902	1.4	0.97	2571.5	30.3	2538.3	13.7	2511.9	5.6	2511.9	5.6	102.4
LA 1-43 LA1-82	45 40	74678	2.0	5.8912	0.6	11.4739	4.2	0.4629	3.9	0.94	2452.2 2571.7	<u>80.0</u> <u>5</u> 1.1	2490.0 2562.5	38.9 23.1	2520.9 2555.1	∠4.8 9.5	2520.9 2555.1	24.8	97.3 100.6
LA1-90	56	133354	1.3	5.8430	0.3	11.8313	1.0	0.5014	0.9	0.94	2619.7	19.4	2591.1	9.0	2568.9	5.6	2568.9	5.6	102.0
LA1-30	85 117	373523	1.5	5.8054	0.3	12.2058	1.1	0.5164	1.1	0.96	2598.2	23.1 25.6	2625.0	11.7	2612.9	5.0	25/9./	5.0 6.0	99.4
LA1-39	64	166763	1.6	5.6612	1.2	12.6275	2.4	0.5185	2.1	0.87	2692.7	45.6	2652.3	22.3	2621.6	19.3	2621.6	19.3	102.7
LA1-34	94 89	177742	1.0	5.4718	0.2	13.4739	2.2	0.5295	2.2	0.99	2761.3	50.1	2713.5	21.3	2678.0	2.0 5.0	2678.0	5.0	103.1
LA1-47	52 45	343746	1.4	5.4642 5.4618	0.4	13.3488	1.4	0.5290	1.4	0.95	2737.3	30.4	2704.6	13.5	2680.3	7.0	2680.3	7.0	102.1
LA1-13	55	223817	1.4	5.4440	0.4	13.5274	1.1	0.5341	1.0	0.92	2758.8	23.0	2717.2	10.5	2686.4	7.1	2686.4	7.1	102.7
LA1-87	156	251265	0.8	5.4321	0.2	13.7608	1.8	0.5421	1.8	0.99	2792.4	40.3	2733.4	16.9	2690.1	3.0	2690.1	3.0	103.8
LA1-42	24	51189	2.0	5.3978	0.9	13.4194	3.1	0.5254	3.0	0.95	2721.8	66.7	2709.6	29.5	2700.5	+. 14.1	2700.5	14.1	100.8
LA1-70	47	136008	3.0	5.3851	0.3	13.7778	0.9	0.5381	0.9	0.95	2775.5	20.1	2734.6	8.9	2704.4	5.1	2704.4	5.1	102.6
LA1-78	67	370373	1.4	4.9927	0.6	15.3151	2.1	0.5546	2.0	0.96	2844.1	46.7	2835.0	20.1	2828.6	9.4	2828.6	9.4	100.5

LA2(100/10-20-077-07W4/00)

						Isotope R	atios					App	arent Ages						
Analysis	U	206Pb	U/Th	206Pb*	±	207Pb*	±	206Pb*	±	error	206Pb*	±	207Pb*	±	206Pb*	±	Bestage	±	Conc
	(ppm)	204Pb		207Pb*	(%)	235U*	(%)	238U	(%)	corr.	238U*	(Ma)	235U	(Ma)	207Pb* ((Ma)	(Ma)	(Ma)	(%)
LA2-21	17	5131	1.3	17.6218	24.6	0.5012	24.8	0.0641	3.4	0.14	400.3	13.4	412.5	84.4	481.8 5	550.9	400.3	13.4	83.1
LA2-61	148	65213	1.0	17.8620	2.5	0.5045	2.9	0.0654	1.5	0.50	408.1	5.9	414.7	10.0	451.7	56.4	408.1	5.9	90.3
LA2-5	198	66733	8.6	18.1699	2.2	0.4969	3.2	0.0655	2.4	0.73	408.9	9.4	409.6	10.9	413.7	49.2	408.9	9.4	98.8
LA2-95	110	206742	1.9	18.0531	4.1	0.4919	4.5	0.0655	1.8	0.40	415.3	1.2	406.2	15.0	354.7	92.7	415.3	1.2	117.1
LA2-03	70	200712	1.0	17.3004	4.4	0.5100	4.9	0.0070	2.1	0.73	421.3	2.0	424.2	17.7	528.8	97.4	421.3	8.6	81.8
LA2-22	66	28304	0.8	17.7376	7.3	0.5460	7.8	0.0004	2.8	0.36	437.6	12.0	442.4	28.1	467.3 1	62.1	437.6	12.0	93.7
LA2-63	130	70233	1.0	17.5764	2.5	0.6121	2.7	0.0780	1.0	0.35	484.3	4.5	484.9	10.5	487.5	56.0	484.3	4.5	99.4
LA2-78	45	21529	1.6	17.3159	10.0	0.7014	10.2	0.0881	2.0	0.20	544.2	10.6	539.7	42.7	520.3 2	219.8	544.2	10.6	104.6
LA2-101	90	52963	0.9	14.4859	4.1	0.8980	9.0	0.0943	8.0	0.89	581.2	44.7	650.6	43.4	899.7	84.4	581.2	44.7	64.6
LA2-90	73	42417	1.1	16.5271	2.6	0.8063	2.9	0.0966	1.3	0.45	594.7	7.4	600.4	13.3	621.7	56.7	594.7	7.4	95.7
LA2-1	263	166024	1.2	16.5416	0.8	0.8071	2.0	0.0968	1.8	0.91	595.8	10.4	600.8	9.1	619.8	18.1	595.8	10.4	96.1
LA2-7	95	61134	0.9	16.4118	3.6	0.8263	4.0	0.0984	1.6	0.39	604.8	9.0	611.6	18.2	636.8	78.2	604.8	9.0	95.0
LA2-72	255	49721	0.5	16.5119	0.8	0.8305	1.1	0.0995	0.7	0.67	611.2	4.3	613.9	5.1	623.7	18.0	611.2	4.3	98.0
LA2-69	57	26136	1.4	16.3483	4.2	0.8569	4.7	0.1016	2.1	0.45	623.8	12.4	628.4	21.9	645.2	90.1	623.8	12.4	96.7
LA2-24	69	26363	0.8	16.2854	2.1	0.8725	3.3	0.1031	2.6	0.77	632.3	15.4	636.9	15.6	653.5	44.8	632.3	15.4	96.8
LA2-31	201	109513	2.4	15.3302	1.5	0.9455	1.9	0.1051	1.2	0.60	644.4	/.1	6/5./	9.5	/81.8	32.1	644.4	/.1	82.4
LA2-84	59	4/420	1.4	14.4/5/	1.0	1.4/0/	3.2	0.1544	2.1	0.87	925.0	23.0	918.4	19.1	901.1	32.3	901.1	32.3	102.7
LA2-90	27	25647	1.0	13.9937	2.5	1.0014	1.0	0.1605	1.1	0.00	959.5	9.0	962.9	9.0	970.0	23.4	970.0	23.4	90.9
LA2-103	112	151341	2.1	13 9334	1.2	1.4430	1.8	0.1401	1.7	0.43	1010.5	12.3	1000 7	11.2	970.1	24.1	970.1	24.1	103.2
LA2-99	144	60502	17	13 8257	0.5	1.6770	3.4	0.1672	3.4	0.99	996.4	31.0	996.1	21.5	995.2	9.3	995.2	9.3	100.2
LA2-50	32	28715	3.2	13 7888	3.1	1,7380	3.5	0.1738	1.6	0.00	1033.1	15.2	1022.7	22.7	1000.6	63.9	1000.6	63.9	103.2
LA2-37	76	90765	2.4	13.7635	1.0	1.6818	1.6	0.1679	1.3	0.81	1000.4	12.2	1001.7	10.4	1004.3	19.5	1004.3	19.5	99.6
LA2-79	63	65942	1.7	13.7316	1.8	1.7191	3.3	0.1712	2.7	0.84	1018.7	25.8	1015.7	20.9	1009.1	35.7	1009.1	35.7	101.0
LA2-100	380	253012	4.9	13.7212	0.5	1.6747	1.4	0.1667	1.3	0.94	993.7	11.8	999.0	8.7	1010.6	9.7	1010.6	9.7	98.3
LA2-86	196	190763	5.9	13.6841	0.7	1.7260	1.2	0.1713	1.0	0.82	1019.3	9.4	1018.3	7.8	1016.1	14.0	1016.1	14.0	100.3
LA2-67	43	44939	1.3	13.6835	2.6	1.7904	2.9	0.1777	1.2	0.43	1054.3	12.1	1042.0	18.7	1016.2	52.4	1016.2	52.4	103.8
LA2-29	20	15338	1.1	13.6101	5.6	1.8268	5.9	0.1803	2.0	0.33	1068.7	19.4	1055.1	38.8	1027.1 1	12.9	1027.1	112.9	104.1
LA2-73	17	20501	1.1	13.5880	3.8	1.7233	5.2	0.1698	3.6	0.68	1011.2	33.3	1017.2	33.5	1030.3	76.8	1030.3	76.8	98.1
LA2-27	47	75410	2.2	13.5336	3.4	1.7858	4.8	0.1753	3.4	0.71	1041.2	32.7	1040.3	31.3	1038.5	68.5	1038.5	68.5	100.3
LA2-66	335	277506	2.5	13.4550	0.3	1.8157	1.5	0.1772	1.4	0.97	1051.6	13.7	1051.1	9.5	1050.2	7.0	1050.2	7.0	100.1
LA2-98	100	86537	1.5	13.4409	1.8	1.8254	2.2	0.1779	1.2	0.54	1055.7	11.5	1054.6	14.3	1052.4	36.9	1052.4	36.9	100.3
LA2-00	66	55041	2.3	13.4304	1.2	1.8618	1.7	0.1813	1.2	0.71	10/4.3	12.0	1067.6	11.2	1053.9	24.0	1053.9	24.0	101.9
LA2-97	201	115265	0.9	13.4174	0.7	1.8209	1.0	0.1775	1.4	0.90	1051.0	13.7	1053.0	10.3	1055.9	13.9	1055.9	13.9	99.0
LA2-00	123	86870	1.1	13.4110	1.0	1.80040	1.9	0.1758	1.0	0.93	1042.4	22.1	1047.1	16.3	1058.2	14.3	1058.2	14.3	90.0
LA2-10	72	59611	1.0	13.3837	1.0	1.8990	1.7	0.1730	1.0	0.32	1099.6	14.1	1040.7	11.4	1050.2	19.7	1060.2	19.7	102.8
LA2-25	98	65627	5.2	13 3569	1.3	1.9310	22	0.1871	1.8	0.81	1105.4	17.8	1091.9	14.5	1065.0	25.7	1065.0	25.7	103.8
LA2-56	96	113676	1.4	13.3190	1.5	1.8397	2.3	0.1777	1.8	0.78	1054.5	17.8	1059.8	15.4	1070.7	29.4	1070.7	29.4	98.5
LA2-9	59	43018	2.6	13.3087	2.1	1.8382	2.5	0.1774	1.5	0.58	1052.9	14.4	1059.2	16.8	1072.2	41.7	1072.2	41.7	98.2
LA2-2	93	62768	1.7	13.2969	1.6	1.9315	1.9	0.1863	1.1	0.57	1101.2	10.9	1092.1	12.7	1074.0	31.5	1074.0	31.5	102.5
LA2-87	101	218251	2.9	13.2934	0.7	1.9174	2.6	0.1849	2.5	0.96	1093.5	25.5	1087.2	17.6	1074.5	14.7	1074.5	14.7	101.8
LA2-104	32	51539	1.3	13.2765	2.7	1.8390	3.2	0.1771	1.6	0.51	1051.0	16.0	1059.5	21.1	1077.1	55.1	1077.1	55.1	97.6
LA2-48	66	58356	1.6	13.2569	2.7	1.8501	3.1	0.1779	1.6	0.51	1055.4	15.6	1063.5	20.5	1080.0	53.6	1080.0	53.6	97.7
LA2-12	121	99789	0.7	13.2405	1.2	1.8672	1.9	0.1793	1.5	0.77	1063.2	14.7	1069.5	12.8	1082.5	24.7	1082.5	24.7	98.2
LA2-26	48	63169	1.3	13.2117	2.1	1.8849	2.4	0.1806	1.1	0.44	1070.3	10.4	1075.8	15.7	1086.9	42.5	1086.9	42.5	98.5
LA2-49	109	161569	1.4	13.0771	1.7	1.9569	2.3	0.1856	1.5	0.66	1097.5	15.3	1100.8	15.4	1107.4	34.4	1107.4	34.4	99.1
LA2-92	53	104233	1.1	13.0456	1.8	2.0503	2.1	0.1940	1.2	0.55	1143.0	12.2	1132.4	14.6	1112.2	35.6	1112.2	35.6	102.8
LA2-39	90	20240	2.0	12.9424	1.4	2.0070	1.0	0.1960	1.4	0.65	1103.0	12.4	1144.7	12.4	1126.1	21.5	1120.1	21.5	102.3
LA2-44	101	100150	1.4	12.0903	2.7	2.1100	3.7	0.1979	2.0	0.00	1162.6	20.0	1150.8	20.0	1154.0	17.8	1154.0	17.8	102.0
LA2-04	151	78043	2.2	12.7700	0.3	2.1333	2.2	0.1975	2.1	0.97	1134.8	22.3	1142.3	15.4	1156.5	13.4	1156.5	13.4	98.1
LA2-94	203	227338	1.6	12,7004	0.5	2 1693	1.5	0.1998	1.4	0.95	1174.4	15.4	1171.3	10.1	1165.5	8.9	1165.5	8.9	100.8
LA2-52	184	135748	2.2	12.6505	0.5	2.1927	2.4	0.2012	2.4	0.97	1181.7	25.8	1178.7	17.1	1173.4	10.8	1173.4	10.8	100.7
LA2-54	60	101917	1.6	12.6468	1.1	2.1673	1.9	0.1988	1.6	0.81	1168.8	16.9	1170.6	13.5	1173.9	22.4	1173.9	22.4	99.6
LA2-39	59	72791	2.0	12.5871	1.8	2.1996	2.5	0.2008	1.7	0.67	1179.6	17.9	1180.9	17.3	1183.3	36.5	1183.3	36.5	99.7
LA2-28	189	144545	9.5	12.5795	0.6	2.2395	1.8	0.2043	1.6	0.93	1198.5	18.0	1193.5	12.4	1184.5	12.4	1184.5	12.4	101.2
LA2-62	217	252338	18.1	12.5629	0.5	2.2265	1.4	0.2029	1.3	0.93	1190.7	13.7	1189.4	9.5	1187.1	10.1	1187.1	10.1	100.3
LA2-42	70	128214	1.6	12.4937	1.2	2.1801	2.7	0.1975	2.5	0.90	1162.1	26.3	1174.7	19.1	1198.0	23.4	1198.0	23.4	97.0
LA2-45	35	78718	0.7	12.1823	2.0	2.3978	2.5	0.2119	1.4	0.58	1238.7	16.2	1241.9	17.7	1247.6	39.4	1247.6	39.4	99.3
LA2-13	108	105126	2.4	11.8502	1.0	2.6514	1.6	0.2279	1.3	0.77	1323.4	15.1	1315.0	12.1	1301.5	20.3	1301.5	20.3	101.7
LA2-14	77	65497	1.7	11.7539	1.0	2.5839	2.9	0.2203	2.7	0.94	1283.3	31.9	1296.1	21.3	1317.3	18.8	1317.3	18.8	97.4
LAZ-/1	67	136413	1.4	11./223	1.3	2.6451	1.7	0.2249	1.0	0.63	1307.6	12.2	1313.3	12.2	1322.5	24.9	1322.5	24.9	98.9
LA2-91	60	02190 10060	1.0	11.6970	1.1	2.7005	1.0	0.2295	1.1	0.71	1331.8	24 0	1328.0	17.0	1326.7	21.0	1323.4	21.0	100.0
LA2-58	31	49003	2.2	11 4030	47	2.6010	5.0	0.2309	3.6	0.00	1295.6	42.0	1326.1	43.0	1375.7	91.0	1375.7	91.0	94.2
LA2-53	99	108888	2.0	11.3548	0.6	2.9269	2.7	0.2410	2.6	0.97	1392 1	33.1	1388.9	20.5	1384.0	11.7	1384.0	11.7	100.6
LA2-6	112	156084	1.0	11.1819	0.7	2.9848	1.7	0.2421	1.5	0.90	1397.4	18.7	1403.8	12.6	1413.4	13.9	1413.4	13.9	98.9
LA2-3	99	148568	2.4	11.1427	1.0	3.0301	2.4	0.2449	2.2	0.91	1412.0	27.9	1415.2	18.5	1420.1	19.7	1420.1	19.7	99.4
LA2-36	133	139810	0.9	10.8395	0.5	3.2118	1.8	0.2525	1.7	0.95	1451.3	22.2	1460.0	13.8	1472.6	10.1	1472.6	10.1	98.6
LA2-23	57	157319	1.6	10.6544	0.9	3.4486	2.1	0.2665	1.9	0.91	1522.9	26.3	1515.5	16.7	1505.2	16.4	1505.2	16.4	101.2
LA2-19	80	125969	1.1	10.6277	0.5	3.3868	1.3	0.2611	1.2	0.92	1495.2	15.8	1501.4	10.1	1510.0	9.8	1510.0	9.8	99.0
LA2-59	33	43866	1.9	10.6096	1.4	3.4562	2.1	0.2659	1.7	0.77	1520.2	22.5	1517.3	16.9	1513.2	25.8	1513.2	25.8	100.5
LA2-34	167	151676	2.4	10.4835	0.4	3.5962	1.3	0.2734	1.2	0.95	1558.2	16.7	1548.7	10.1	1535.7	7.5	1535.7	7.5	101.5
LA2-8	83	115091	2.0	9.8351	0.6	4.1192	0.8	0.2938	0.6	0.72	1660.6	8.4	1658.1	6.5	1654.9	10.2	1654.9	10.2	100.3
LA2-60	42	80258	1.6	9.3674	1.1	4.5770	2.7	0.3110	2.5	0.91	1745.4	38.1	1745.1	22.8	1744.7	20.4	1744.7	20.4	100.0
LA2-82	168	223471	1.5	9.3417	0.4	4.4176	3.4	0.2993	3.4	0.99	1687.9	50.3	1715.6	28.3	1/49.7	1.7	1749.7	7.7	96.5
LA2-11	37	60781	1.6	9.0854	0.8	5.0230	1.4	0.3310	1.1	0.79	1843.1	17.7	1823.2	11.7	1800.5	15.3	1800.5	15.3	102.4
LA2-30	28	49969	2.2	9.0710	1.5	0.0347	2.2	0.3312	1.6	0.74	1844.3	∠5.8	1825.2	18.4	1809.4	20.0	1803.4	26.6	102.3
1 4 2.89	104	310226	2.2	9.044/	0.5	4.9831	1.1	0.3269	0.9	0.87	1023.3	14./	1010.5	9.0	1800.0	9.7	1903.0	36.0	0.001
LA2-38	76	93217	1.8	8 8965	2.U 0.6	5 2494	2.7	0.3230	2.0	0.07	1880 5	33.0	1860.7	18 1	1838.6	11.2	1838.6	11.2	102.3
LA2-65	96	313068	1.2	8 8576	0.0	5 1946	1.1	0.3337	1.0	0.96	1856 3	21.9	1851 7	12.0	1846.5	6.8	1846.5	6.8	100.5
LA2-18	91	142755	22.4	8.7582	0.4	5.2791	2.5	0.3353	2.5	0.99	1864.2	40.3	1865.5	21.5	1866.9	7.6	1866.9	7.6	99.9
LA2-70	254	319485	1.4	8.2117	0.2	6.0124	2.9	0.3581	2.9	1.00	1973.1	49.8	1977.6	25.6	1982.4	3.4	1982.4	3.4	99.5
LA2-61B	46	147001	0.9	6.1001	0.5	10.1758	2.1	0.4502	2.0	0.97	2396.1	40.7	2450.9	19.5	2496.6	9.2	2496.6	9.2	96.0
LA2-74	214	254511	1.7	5.8321	0.2	10.3646	0.8	0.4384	0.8	0.97	2343.5	15.8	2467.9	7.7	2572.0	3.3	2572.0	3.3	91.1
LA2-77	27	60836	1.5	5.6881	1.3	10.8134	3.1	0.4461	2.8	0.90	2377.9	55.7	2507.2	28.9	2613.7	22.4	2613.7	22.4	91.0
LA2-91	51	138755	1.8	5.4341	0.5	13.1185	0.8	0.5170	0.6	0.81	2686.5	14.1	2688.2	7.5	2689.5	7.6	2689.5	7.6	99.9
LA2-32	44	400153	1.1	5.2808	0.6	13.5402	1.3	0.5186	1.2	0.90	2693.2	25.6	2718.1	12.2	2736.6	9.2	2736.6	9.2	98.4
LA2-16	44	183621	1.5	5.1429	0.3	14.4072	1.4	0.5374	1.4	0.98	2772.5	31.3	2776.9	13.5	2780.1	4.9	2780.1	4.9	99.7
LA2-85	44	143174	1.7	5.1256	0.8	14.0345	2.0	0.5217	1.9	0.91	2706.5	41.3	2752.0	19.4	2785.6	13.5	2785.6	13.5	97.2
LA2-35	76	218469	1.0	5.1009	0.6	12.8117	2.4	0.4740	2.3	0.96	2501.0	48.1	2665.9	22.6	2793.5	10.4	2793.5	10.4	89.5
LA2-81	25	97538	0.9	4.9413	1.0	14.9679	3.9	0.5364	3.8	0.97	2768.4	86.0	2813.2	37.6	2845.4	16.1	2845.4	16.1	97.3
LAZ-10	1/	02610	0.9	3.0161	1.4	34.21/8	3.4	0.7485	3.1	0.91	3602.1	04.8	3010.3	I 33.2	3024.3	21.1	3024.3	21.1	99.4

LA3(100/10-20-077-07W4/00)

Analysis		206Pb	LI/Th	206Pb*	+	Isotope R	atios +	206Pb*	+	error	206Pb*	App:	arent Ages	+	206Pb*	+	Bestage	+	Conc
Analysis	(ppm)	200Pb 204Pb	0/11	200Pb*	± (%)	207FD 235U*	± (%)	200FD 238U	± (%)	corr.	200FD 238U*	т (Ма)	207FD 235U	т (Ма)	200Pb*	т (Ма)	(Ma)	± (Ma)	(%)
LA-3-103	73	24165	3.2	17.7396	5.8	0.5150	6.0	0.0663	1.6	0.26	413.6	6.3	421.8	20.6	467.0	127.7	413.6	6.3	88.6
LA-3-71	274	103558	1.4	18.1855	1.3	0.5078	2.4	0.0670	2.0	0.84	417.9	8.1	417.0	8.2	411.8	29.4	417.9	8.1	101.5
LA-3-93	92	60236	1.5	17.5966	1.5	0.5458	2.1	0.0734	1.4	0.30	456.8	6.1	442.1	7.6	404.7	33.9	456.8	6.1	96.1
LA-3-28	95	52823	1.8	17.5317	4.8	0.5983	5.1	0.0761	1.6	0.32	472.7	7.5	476.2	19.4	493.1	106.9	472.7	7.5	95.9
LA-3-80	220	57494	1.5	17.4560	2.1	0.6172	3.8	0.0781	3.2	0.83	485.0	14.8	488.1	14.8	502.6	47.1	485.0	14.8	96.5
LA 3-74	133	54741	3.3	17.2079	2.0	0.6443	3.6	0.0804	2.6	0.38	491.2	12.5	504.9	14.3	534.0	53.8	491.2	12.5	93.4
LA-3-1	123	49232	1.3	17.1257	2.9	0.6807	4.2	0.0846	2.9	0.71	523.2	14.8	527.2	17.1	544.5	64.3	523.2	14.8	96.1
LA-3-88	270	27629	1.1	16.9659	1.7	0.7318	1.8	0.0900	0.5	0.31	555.8	2.9	557.6	7.7	564.9	37.0	555.8	2.9	98.4
LA-3-9	80	26790	0.9	14.6022	22.3	0.8969	23.1	0.0945	6.2	0.00	585.0	34.4	650.1	111.3	883.2	465.6	585.0	34.4	99.0 66.2
LA-3-105	167	79926	0.7	16.4776	1.5	0.8454	2.1	0.1010	1.5	0.69	620.5	8.6	622.1	9.9	628.2	33.2	620.5	8.6	98.8
LA-3-85	209	91514	1.5	16.3476	1.5	0.8810	5.0	0.1045	4.8	0.96	640.4	29.3	641.5	23.9	645.3	32.0	640.4	29.3	99.3
LA-3-38 LA-3-79	174	178699	2.0	14.2237	1.1	1.4774	3.5	0.1580	3.3	0.53	945.4	28.0	942.9	21.2	937.3	21.0	937.3	21.0	97.5
LA-3-37	79	155240	2.1	14.0858	2.6	1.5526	3.0	0.1586	1.4	0.47	949.0	12.3	951.5	18.3	957.2	53.5	957.2	53.5	99.1
LA-3-44	61	61626	4.7	13.9947	1.5	1.6395	1.7	0.1664	0.9	0.51	992.3	8.0	985.5	10.9	970.5	30.3	970.5	30.3	102.2
LA-3-95	60	36992	1.9	13.7699	1.8	1.7229	2.0	0.1721	0.9	0.49	1023.5	9.0	1017.1	13.0	1003.4	36.3	1003.4	36.3	100.4
LA-3-10	58	54807	1.7	13.6390	2.2	1.7585	2.5	0.1740	1.2	0.47	1033.9	11.3	1030.3	16.3	1022.8	45.0	1022.8	45.0	101.1
LA-3-5	164	189635	4.9	13.5945	0.8	1.7703	2.4	0.1745	2.3	0.94	1037.1	21.6	1034.6	15.6	1029.4	16.5	1029.4	16.5	100.8
LA-3-6 LA-3-47	205	209995	23.9	13.5643	0.5	1.7452	1.4	0.1709	1.2	0.86	1030.0	11.3	1044.3	9.0	1032.4	14.5	1032.4	14.5	98.8
LA-3-22	123	136439	3.9	13.5550	0.9	1.7535	1.2	0.1724	0.7	0.64	1025.2	7.1	1028.4	7.5	1035.3	18.1	1035.3	18.1	99.0
LA-3-62	88	69936	1.2	13.4934	1.7	1.8264	2.0	0.1787	1.1	0.55	1060.1	10.8	1055.0	13.1	1044.5	33.5	1044.5	33.5	101.5
LA-3-66	43	29701	2.0	13.4764	3.3	1.8530	3.8	0.1727	1.8	0.92	1027.1	17.5	1053.5	24.8	1047.0	66.8	1047.0	66.8	101.4
LA-3-14	182	199557	2.3	13.4194	0.6	1.7857	0.9	0.1738	0.6	0.71	1033.0	6.1	1040.3	5.8	1055.6	12.7	1055.6	12.7	97.9
LA-3-61	137	127824	2.8	13.4153	1.4	1.8003	3.2	0.1752	2.8	0.89	1040.5	27.0	1045.6	20.6	1056.2	29.0	1056.2	29.0	98.5
LA-3-78	65	78443	2.0	13.1948	2.2	1.8998	3.9	0.1843	3.2	0.80	1030.7	31.5	1081.0	25.7	1089.5	44.2	1089.5	44.2	98.8
LA-3-58	61	43932	1.2	13.1676	1.9	1.9345	2.4	0.1847	1.4	0.60	1092.8	14.4	1093.1	16.0	1093.6	38.3	1093.6	38.3	99.9
LA-3-98	44	47354	0.8	13.0715	1.9	1.9096	2.4	0.1810	1.4	0.59	1072.6	14.0	1084.4	15.9	1108.2	38.5	1108.2	38.5	96.8
LA-3-30	62	68642	2.0	13.0221	1.4	2.0523	1.7	0.1938	1.0	0.22	1142.1	10.6	1137.0	11.9	1115.8	28.3	1115.8	28.3	103.0
LA-3-52	160	103789	2.5	12.9843	0.5	2.0329	1.2	0.1914	1.1	0.91	1129.2	11.3	1126.6	8.1	1121.6	9.7	1121.6	9.7	100.7
LA-3-34	35	27104	1.5	12.9294	2.6	1.8382	4.3	0.1724	3.4	0.80	1025.2	32.2	1059.2	28.1	1130.1	51.5	1130.1	51.5	90.7
LA-3-50	29	17849	1.3	12.9040	4.7	2.0120	5.2	0.1876	2.3	0.30	1108.2	23.5	1120.1	35.4	1143.2	93.0	1143.2	93.0	96.9
LA-3-64	73	82134	1.5	12.8357	1.4	2.0681	3.0	0.1925	2.6	0.88	1135.1	27.5	1138.3	20.6	1144.5	28.4	1144.5	28.4	99.2
LA-3-53	103	109003	2.2	12.8096	0.8	2.0972	1.3	0.1948	1.0	0.76	1147.5	10.5	1147.9	9.0	1148.5	16.8	1148.5	16.8	99.9
LA-3-8	46	45818	1.0	12.7320	1.9	2.0749	2.2	0.1912	1.0	0.45	1212.5	10.1	1140.5	14.9	1164.5	38.5	1164.5	38.5	96.9
LA-3-12	75	106418	1.7	12.7002	1.5	2.1562	1.9	0.1986	1.3	0.67	1167.8	13.8	1167.0	13.5	1165.6	28.8	1165.6	28.8	100.2
LA-3-40	68	155792	2.0	12.6865	1.4	2.0876	2.1	0.1921	1.6	0.74	1132.6	16.3	1144.7	14.6	1167.7	28.4	1167.7	28.4	97.0
LA-3-55	47	55066	0.9	12.6300	2.0	2.1559	3.8	0.1920	3.2	0.84	1161.8	33.8	1140.5	26.1	1176.6	40.0	1176.6	40.0	98.7
LA-3-41	127	137829	2.2	12.5152	0.9	2.2204	1.2	0.2015	0.8	0.64	1183.6	8.4	1187.5	8.4	1194.6	18.2	1194.6	18.2	99.1
LA-3-54	32	48964	0.9	12.5023	2.3	2.2104	2.5	0.2004	1.0	0.39	1177.6	10.4	1184.3	17.3	1196.6	44.8	1196.6	44.8	98.4
LA-3-60	56	102298	2.7	12.4714	1.8	2.2682	1.9	0.2047	0.8	0.40	1200.4	8.6	1220.0	13.7	1200.0	35.0	1200.0	35.0	99.5
LA-3-26	80	79450	1.2	12.4028	0.8	2.2557	1.5	0.2029	1.3	0.85	1190.9	14.1	1198.6	10.7	1212.4	15.8	1212.4	15.8	98.2
LA-3-24	143	146553	2.9	12.3750	0.9	2.2617	2.7	0.2030	2.6	0.95	1191.4	28.3	1200.4	19.3	1216.8	16.9	1216.8	16.9	97.9
LA-3-19	45	51549	4.3	12.2144	2.3	2.3720	3.5	0.2101	2.6	0.75	1229.5	29.5	1234.2	25.2	1242.4	45.9	1242.4	45.9	99.0
LA-3-77	10	8345	1.5	12.1450	4.0	2.0508	6.4	0.1806	5.0	0.78	1070.5	49.1	1132.6	43.5	1253.6	77.7	1253.6	77.7	85.4
LA-3-15 LA-3-91	140	53692 43116	1.3	12.0434	1.3	2.4341	1.5	0.2126	0.8 4.8	0.51	1242.7	9.0 54.6	1252.7	11.1 40.6	1270.0	25.9	1270.0	25.9	97.9
LA-3-67	59	78154	1.9	11.9378	2.1	2.5691	2.4	0.2224	1.0	0.43	1294.7	11.8	1291.9	17.2	1287.1	41.4	1287.1	41.4	100.6
LA-3-101	37	7317	2.3	11.7516	9.4	2.4836	10.3	0.2117	4.3	0.42	1237.7	48.5	1267.3	74.6	1317.7	181.6	1317.7	181.6	93.9
LA-3-84 LA-3-43	29	27428	1.7	11.6920	4.5	2.7453	4.7	0.2331	1.2	0.79	1350.5	14.1	1340.8	34.6	1325.3	86.3	1325.3	86.3	95.7
LA 3-102	62	153386	1.2	11.5426	1.7	2.8641	1.9	0.2398	0.9	0.46	1385.5	11.0	1372.5	14.4	1352.4	32.8	1352.4	32.8	102.4
LA-3-75	62	123889	0.9	11.1350	1.3	3.0999	2.0	0.2503	1.5	0.75	1440.2	19.2	1432.7	15.3	1421.4	25.4	1421.4	25.4	101.3
LA-3-57	91	90239	2.1	11.0357	1.0	3.2036	2.9	0.2455	2.8	0.97	1415.5	35.8 13.1	1424.7	22.4	1438.5	14.3	1438.5	14.3	98.4
LA-3-99	204	422221	3.0	10.9998	0.4	3.1447	1.5	0.2509	1.5	0.96	1443.0	18.8	1443.7	11.6	1444.7	7.8	1444.7	7.8	99.9
LA-3-36	55	132646	3.7	10.7236	1.9	3.3633	2.1	0.2616	0.8	0.38	1497.9	10.7	1495.9	16.3	1493.0	36.3	1493.0	36.3	100.3
LA-3-20	189	312562	4.1	10.6724	0.7	3.3550	1.3	0.2639	1.0	0.00	1488.3	13.8	1494.0	9.9	1495.4	9.0	1502.1	9.0	99.1
LA-3-69	162	310409	2.4	10.6571	0.6	3.4658	0.9	0.2679	0.6	0.70	1530.0	8.5	1519.5	7.0	1504.8	12.0	1504.8	12.0	101.7
LA-3-32	178	181931	1.9	10.6148	0.7	3.4216	1.0	0.2634	0.8	0.77	1507.3	10.8	1509.4	8.2	1512.3	12.4	1512.3	12.4	99.7
LA-3-18 LA-3-48	12	24385	0.5	9.8242	4.5	4.0419	5.2	0.2885	2.1	0.95	1640.3	35.4	1644.1	42.0	1645.7	83.9	1657.0	83.9	98.6
LA-3-4	67	79263	1.4	9.8182	0.6	4.1644	1.6	0.2965	1.4	0.93	1674.1	21.3	1667.0	12.7	1658.1	10.6	1658.1	10.6	101.0
LA-3-25	230	656492	1.6	9.4496	0.6	4.1248	2.4	0.2827	2.3	0.97	1604.9	33.3	1659.2	19.7	1728.7	10.6	1728.7	10.6	92.8
LA-3-97	187	163985	3.5	9.3179	0.4	4.7919	1.3	0.3238	1.3	0.94	1808.4	19.2	1783.5	10.9	1754.4	5.7	1754.4	5.7	103.1
LA-3-72	53	111011	0.6	8.8691	1.3	5.1666	2.2	0.3323	1.7	0.81	1849.7	27.9	1847.1	18.4	1844.2	23.1	1844.2	23.1	100.3
LA-3-11	70	150222	2.1	8.8678	0.4	5.1649	1.1	0.3322	1.0	0.94	1848.9	16.8	1846.8	9.4	1844.5	6.7	1844.5	6.7	100.2
LA-3-21	66	121605	2.1	8.7009	0.8	5.3403	1.1	0.3430	0.8	0.74	1872.2	13.4	1875.3	9.5	1878.8	13.6	1878.8	13.6	99.6
LA-3-45	109	171900	0.8	8.1512	0.3	6.0114	1.1	0.3554	1.0	0.95	1960.3	17.1	1977.5	9.3	1995.6	6.0	1995.6	6.0	98.2
LA-3-73	25	26159	1.5	8.1326	1.9	6.1719	3.5	0.3640	3.0	0.84	2001.3	51.0	2000.5	30.9	1999.6	34.3	1999.6	34.3	100.1
LA-3-83	49	117050	1.7	6.0958	0.5	10.7963	1.3	0.3025	1.9	0.93	2515.5	25.4	2505.7	12.2	2497.8	8.1	2497.8	8.1	100.7
LA-3-90	110	317883	1.7	5.8130	0.3	11.6868	2.2	0.4927	2.2	0.99	2582.4	46.6	2579.6	20.6	2577.4	4.4	2577.4	4.4	100.2
LA-3-42	80	240474	0.7	5.4681	0.2	12.8127	1.9	0.5081	1.9	0.99	2648.6	41.4	2666.0	18.1	2679.1	3.5 12 e	2679.1	3.5 12.6	98.9
LA-3-2	81	210403	2.5	5.3924	0.8	12.8713	3.5	0.5415	1.1	0.98	2623.0	24.0	2670.3		2702.2	3.3	2702.2	3.3	96.9
LA-3-7	22	137533	1.7	5.3094	1.0	13.8513	1.9	0.5334	1.6	0.83	2755.7	34.9	2739.6	17.7	2727.7	17.1	2727.7	17.1	101.0
LA-3-100	39	188978	1.9	5.2822	0.2	14.0498	1.4	0.5382	1.4	0.99	2776.1	30.8	2753.1	13.1	2736.2	3.7	2736.2	3.7	101.5
LA-3-23	209	305966	0.8	5.2261	0.4	13.3787	1.2	0.5334	1.2	0.99	2644.2	25.2	2706.8	11.2	2753.8	3.9	2753.8	3.9	96.0
LA-3-87	104	247172	1.2	4.7750	0.1	16.6541	1.1	0.5768	1.1	0.99	2935.5	24.9	2915.1	10.2	2901.1	2.2	2901.1	2.2	101.2
LA-3-82	216	847713	1.5	4.0966	0.2	21.3761	1.3	0.6351	1.3	0.99	3169.8	32.3	3155.8	12.6	3146.9	2.8	3146.9	2.8	100.7

LA4(100/10-20-077-07W4/00)

						Isotope R	tatios					App	arent Ages						
Analysis	U	206Pb	U/Th	206Pb*	±	207Pb*	±	206Pb*	±	error	206Pb*	±	207Pb*	±	206Pb*	±	Best age	±	Conc
1 4 4 50	(ppm)	204Pb	4.0	207Pb*	(%)	235U*	(%)	238U	(%)	corr.	238U*	(Ma)	235U	(Ma)	207Pb*	(Ma)	(Ma)	(Ma)	(%)
LA4-58	93	12187	1.2	18.7499	9.7	0.3060	10.0	0.0416	2.6	0.26	262.8	6.7	271.1	23.9	343.0	220.2	262.8	6.7	NA 04.4
LA4-82	122	28868	0.7	17.9733	2.8	0.5065	3.3	0.0650	1.8	0.54	412.2	0.0	416.1	11.3	437.9	62.2	412.2	7.Z	94.1
LA4-33	53	16084	1.2	19.0888	9.5	0.5275	9.8	0.0730	2.8	0.28	454.4	12.1	430.1	34.5	302.3	215.9	454.4	12.1	150.3
LA4-90	100	40287	2.2	17.1989	3.1	0.6260	3.9	0.0781	2.4	0.61	484.7	11.1	493.6	15.2	535.2	67.3	484.7	11.1	90.6
LA4-3	74	39317	1.6	14.3250	1.7	1.5484	2.2	0.1609	1.4	0.65	961.6	12.5	949.9	13.4	922.7	33.9	922.7	33.9	104.2
LA4-6	51	46571	1.6	14.1587	4.0	1.5721	4.7	0.1614	2.5	0.54	964.8	22.6	959.3	29.1	946.7	81.0	946.7	81.0	101.9
LA4-5	65	54774	2.9	13.8030	1.4	1.7155	2.3	0.1717	1.8	0.79	1021.7	17.1	1014.3	14.7	998.5	28.8	998.5	28.8	102.3
LA4-00	200	21/104	1.5	13.6480	0.0	1.7147	1.0	0.1707	1.0	0.92	10/11.8	16.3	1014.0	10.4	1009.0	12.0	1009.6	12.0	100.0
LA4-43	57	30727	1.1	13.6174	2.3	1.8224	3.0	0.1800	2.0	0.66	1066.9	19.6	1053.5	19.9	1021.0	46.3	1021.0	46.3	102.0
LA4-36	68	56792	0.9	13.5701	2.1	1.7824	2.6	0.1754	1.5	0.58	1041.9	14.3	1039.0	16.6	1033.0	42.1	1033.0	42.1	100.9
LA4-61	47	64228	1.3	13.5322	2.4	1.8647	3.5	0.1830	2.6	0.74	1083.4	25.9	1068.6	23.3	1038.7	48.3	1038.7	48.3	104.3
LA4-94	196	229032	3.0	13.5040	0.8	1.8019	1.3	0.1765	1.0	0.79	1047.7	9.7	1046.2	8.3	1042.9	15.5	1042.9	15.5	100.5
LA4-54	146	81890	2.4	13.4991	1.2	1.8623	2.1	0.1823	1./	0.80	10/9./	16.5	1067.8	13.6	1043.6	24.7	1043.6	24.7	103.5
LA4-73	104	77948	2.0	13.4163	2.3	1.8624	2.8	0.1776	2.1	0.67	1055.1	20.3	1052.6	20.5	1047.4	35.3	1047.4	35.3	100.7
LA4-78	122	70627	4.7	13.4150	0.9	1.8774	1.7	0.1827	1.5	0.85	1081.5	14.8	1073.1	11.6	1056.2	18.4	1056.2	18.4	102.4
LA4-63	25	34105	2.2	13.3607	3.3	1.7810	4.2	0.1726	2.6	0.62	1026.3	24.8	1038.5	27.4	1064.4	66.5	1064.4	66.5	96.4
LA4-29	83	90323	1.9	13.3441	1.6	1.8798	2.0	0.1819	1.2	0.60	1077.5	12.2	1074.0	13.5	1066.9	32.9	1066.9	32.9	101.0
LA4-62	106	113707	1.6	13.3183	2.1	1.9019	2.4	0.1837	1.0	0.44	1087.2	10.4	1081.8	15.7	1070.8	42.6	1070.8	42.6	101.5
LA4-70	104	91480	3.7	13.3076	1.4	1.9355	2.3	0.1868	1.8	0.80	1104.1	18.7	1093.4	15.4	1072.4	27.6	1072.4	27.6	103.0
LA4-79	42	21736	2.6	13.2972	1.7	1.0404	2.2	0.1775	1.5	0.60	1117 7	17.0	1104.7	14.0	1074.0	34.6	1074.0	34.6	103.6
LA4-19	26	21797	1.4	13.2578	5.0	1.9030	5.2	0.1830	1.2	0.23	1083.2	11.8	1082.1	34.5	1079.9	101.2	1079.9	101.2	100.3
LA4-103	80	40066	2.0	13.2231	2.1	1.8754	2.4	0.1799	1.2	0.50	1066.2	11.8	1072.4	16.0	1085.2	41.9	1085.2	41.9	98.3
LA4-39	63	73806	1.8	13.1933	0.9	1.9537	2.4	0.1869	2.3	0.92	1104.8	22.9	1099.7	16.4	1089.7	18.8	1089.7	18.8	101.4
LA4-85	160	80757	1.6	13.0768	0.9	1.8522	2.6	0.1757	2.4	0.94	1043.3	23.5	1064.2	17.1	1107.4	17.7	1107.4	17.7	94.2
LA4-43	34	20819	1.7	13.0616	3.4	2.0756	4.2	0.1882	2.5	0.59	1111.7	25.3	1111.1	28.2	1109.7	07.1	1109.7	07.1	100.2
LA4-87	20	30279	24	12 9932	4.6	2.0736	5.4	0.1957	2.4	0.45	1152.4	20.	1140.8	35.1	1120.3	90.8	1120.3	90.8	103.0
LA4-8	124	206929	1.5	12.9871	0.8	2.0338	1.5	0.1916	1.3	0.86	1129.8	13.8	1126.9	10.5	1121.2	15.6	1121.2	15.6	100.8
LA4-27	25	21893	2.8	12.9231	3.6	2.0425	5.2	0.1914	3.7	0.72	1129.1	38.3	1129.8	35.2	1131.0	71.8	1131.0	71.8	99.8
LA4-10	254	115615	1.2	12.9111	0.5	2.1184	1.3	0.1984	1.2	0.92	1166.6	13.2	1154.8	9.3	1132.9	10.7	1132.9	10.7	103.0
LA4-64	54	78445	2.4	12.8545	1.7	2.1852	4.6	0.2037	4.2	0.93	1195.3	46.1	1176.3	31.7	1141.6	34.0	1141.6	34.0	104.7
LA4-22	29	160100	2.0	12.0013	0.0	2.1077	5.9	0.2013	2.1	0.40	1102.1	29.2	1178.8	41.2	1149.0	104.0	1149.0	104.0	102.0
LA4-23	20	15298	1.0	12.7300	6.9	2.1239	7.5	0.1959	2.7	0.37	1153.2	28.9	1156.6	51.6	1162.9	137.7	1162.9	137.7	99.2
LA4-16	79	110630	1.8	12.6952	0.8	2.0908	1.8	0.1925	1.6	0.89	1135.0	16.4	1145.8	12.1	1166.3	15.6	1166.3	15.6	97.3
LA4-99	95	302925	1.2	12.6940	1.1	2.1434	3.0	0.1973	2.8	0.93	1161.0	29.6	1162.9	20.8	1166.5	21.8	1166.5	21.8	99.5
LA4-81	156	121534	1.8	12.6376	0.6	2.1908	1.8	0.2008	1.7	0.94	1179.6	18.3	1178.1	12.6	1175.4	12.5	1175.4	12.5	100.4
LA4-44	89	86015	0.8	12.5431	1.0	2.2860	2.3	0.2080	2.1	0.90	1217.9	23.4	1208.0	16.5	1190.2	19.8	1190.2	19.8	102.3
LA4-20	41	43536	1.1	12.0429	3.0	2.2374	4.1	0.2035	2.0	0.61	1213.0	31.6	1208.2	20.2	1190.2	58.8	1190.2	58.8	100.3
LA4-102	79	59069	1.6	12.4622	1.5	2.2475	3.5	0.2031	3.2	0.90	1192.2	34.4	1196.0	24.7	1202.9	29.9	1202.9	29.9	99.1
LA4-91	125	227697	2.3	12.4005	0.6	2.3724	2.1	0.2134	2.0	0.95	1246.7	22.8	1234.3	15.1	1212.7	12.6	1212.7	12.6	102.8
LA4-17	56	16682	1.4	12.3466	1.9	2.3594	2.3	0.2113	1.3	0.56	1235.6	14.3	1230.4	16.2	1221.3	37.0	1221.3	37.0	101.2
LA4-15	35	51206	1.1	12.2272	2.7	2.4346	3.1	0.2159	1.5	0.47	1260.2	16.7	1252.9	22.2	1240.4	53.1	1240.4	53.1	101.6
LA4-76	317	9640	2.0	12.2164	1.4	2.4029	1.8	0.2129	1.1	0.60	1244.3	32.8	1243.5	12.6	1242.1	27.5	1242.1	27.5	100.2
LA4-45	39	54040	2.3	11,7050	1.6	2.0349	4.3	0.2208	2.0	0.64	1329.3	15.4	1310.0	15.0	1313.4	30.4	1313.4	30.4	100.3
LA4-35	73	74047	1.2	11.4170	1.3	2.9955	1.9	0.2480	1.4	0.73	1428.3	17.6	1406.5	14.4	1373.5	24.9	1373.5	24.9	104.0
LA4-83	16	11797	0.7	11.3814	5.1	3.0470	5.4	0.2515	1.7	0.31	1446.3	21.5	1419.5	41.1	1379.5	98.1	1379.5	98.1	104.8
LA4-52	53	37405	1.6	11.2844	1.3	2.9992	1.9	0.2455	1.4	0.73	1415.0	17.6	1407.4	14.4	1395.9	24.6	1395.9	24.6	101.4
LA4-40	24	36635	1.9	11.2345	4.9	3.0264	5.2	0.2466	1.8	0.34	1420.9	22.6	1414.3	39.4	1404.4	93.0	1404.4	93.0	101.2
LA4-67	132	55358	1.9	11.0833	0.5	3.1969	2.1	0.2570	2.0	0.97	14/4.4	20.0	1450.4	16.1	1430.3	25.5	1430.3	25.5	103.1
LA4-57	90	101571	0.9	11.0667	1.3	3,1282	2.1	0.2511	1.6	0.79	1444.0	21.3	1439.6	16.0	1433.2	24.1	1433.2	24.1	100.8
LA4-92	75	94725	1.7	10.8837	0.9	3.2791	1.7	0.2588	1.4	0.84	1483.9	18.9	1476.1	13.2	1464.9	17.5	1464.9	17.5	101.3
LA4-28	8	9313	1.1	10.8260	8.5	3.2483	9.2	0.2550	3.3	0.36	1464.4	43.7	1468.8	71.3	1475.0	162.3	1475.0	162.3	99.3
LA4-96	70	98030	1.1	10.7700	1.0	3.3193	2.5	0.2593	2.3	0.91	1486.1	30.8	1485.6	19.8	1484.8	19.8	1484.8	19.8	100.1
LA4-105	123	172646	2.4	10.7530	0.8	3.4313	1.7	0.2676	1.5	0.88	1528.6	20.1	1511.6	13.2	1487.8	15.0	1487.8	15.0	102.7
LA4-75	5/	40066	1.0	10.3626	1.2	3.5065	2.3	0.2691	1.9	0.63	1530.4	20.7 12.9	1520./	12.7	1543.3	23.5	1543.3	23.5	98.4
LA4-50	39	35534	1.1	9.9768	1.7	4.0130	3.2	0.2904	2.8	0.85	1643.4	40.0	1636.8	26.3	1628.4	31.2	1628.4	31.2	100.9
LA4-51	305	266117	1.0	9.5612	0.4	3.6313	2.2	0.2518	2.2	0.99	1447.8	28.7	1556.4	17.9	1707.1	6.9	1707.1	6.9	84.8
LA4-31	59	74885	1.0	9.3893	0.9	4.5668	2.0	0.3110	1.8	0.88	1745.6	27.3	1743.2	16.8	1740.4	17.2	1740.4	17.2	100.3
LA4-98	218	276113	7.4	9.1606	0.3	4.8305	2.1	0.3209	2.1	0.99	1794.3	33.0	1790.2	17.9	1785.5	4.8	1785.5	4.8	100.5
LA4-11	141	166370	4.9	9.0598	0.5	4.8505	1.2	0.3187	1.1	0.90	1/83.5	16.5	1/93.7	10.0	1805.6	9.6	1805.6	9.6	98.8
LA4-9	49	109841	3.1	8 9476	1.2	5.0693	1.0	0.3315	1.0	0.99	1856.3	20.0	1843.1	14.8	1828.2	22.0	1828.2	22.0	101.5
LA4-77	78	105053	1.5	8.9158	0.6	5.2491	1.2	0.3394	1.0	0.85	1883.9	16.6	1860.6	10.2	1834.7	11.3	1834.7	11.3	102.7
LA4-32	33	54488	0.6	8.8655	2.6	5.2084	3.1	0.3349	1.7	0.54	1862.1	27.0	1854.0	26.5	1844.9	47.4	1844.9	47.4	100.9
LA4-101	51	74563	0.6	8.8528	0.5	5.2751	2.6	0.3387	2.6	0.98	1880.4	41.7	1864.8	22.2	1847.5	8.9	1847.5	8.9	101.8
LA4-34	90	127850	3.0	8.8419	0.6	5.3317	1.2	0.3419	1.0	0.88	1895.8	16.6	1874.0	9.9	1849.8	10.1	1849.8	10.1	102.5
LA4-42	61	55823	1.8	8.8393	0.7	5.3069	1./	0.3402	1.5	0.90	1887.7	25.1	18/0.0	14.5	1850.3	13.1	1850.3	13.1	102.0
LA4-14	45	56624	21	8 7719	1.0	5.3179	2.0	0.3383	2.4	0.89	1878.6	36.6	1871.7	24.3	1864 1	20.7	1864.1	20.7	101.0
LA4-71	94	240454	0.6	8.7666	0.4	5.3784	1.6	0.3420	1.5	0.96	1896.1	25.4	1881.4	13.8	1865.2	8.0	1865.2	8.0	101.7
LA4-84	34	41161	3.2	8.7604	1.6	5.3838	2.2	0.3421	1.6	0.70	1896.6	25.6	1882.3	19.0	1866.5	28.5	1866.5	28.5	101.6
LA4-18	64	70998	1.5	8.7555	0.7	5.2818	1.2	0.3354	1.0	0.83	1864.5	16.3	1865.9	10.4	1867.5	12.3	1867.5	12.3	99.8
LA4-30	62	60130	2.6	8.7431	0.5	5.3288	3.3	0.3379	3.2	0.99	1876.6	52.3	1873.5	27.9	1870.1	9.9	1870.1	9.9	100.3
LA4-104	1/6	305982	2.1	8.5994	0.2	5.63/6	1.6	0.3516	1.6	0.99	1942.3	26.7	1921.9	13.8	1899.9	3.5	1899.9	3.5	102.2
LA4-95	49	70277	0.6	8.4004	1.0	5.8834	2.1	0.3547	1.9	0.89	1930.9	32.3	1958.8	18.5	1941.9	17.4	1911.8	17.4	102.4
LA4-74	27	65942	1.2	8.0564	1.6	6.4785	3.0	0.3785	2.5	0.84	2069.5	44.6	2043.0	26.5	2016.3	29.2	2016.3	29.2	102.6
LA4-97	45	167828	1.2	6.3005	0.4	10.3302	4.0	0.4720	4.0	0.99	2492.5	82.7	2464.8	37.3	2442.0	7.5	2442.0	7.5	102.1
LA4-12	71	270632	1.0	5.5135	0.2	12.8233	1.4	0.5128	1.3	0.98	2668.4	29.1	2666.8	12.7	2665.5	4.0	2665.5	4.0	100.1
LA4-48	32	93584	0.6	5.4842	0.6	13.2000	2.4	0.5250	2.3	0.97	2720.5	52.1	2694.1	22.8	2674.3	9.4	2674.3	9.4	101.7
LA4-24	36	78164	0.6	5.4614	0.5	13.1682	1.5	0.5216	1.5	0.95	2705.9	32.4	2691.8	14.5	2681.2	/.6 8.2	2681.2	7.6	100.9
LA4-88	77	272196	1.1	5.4103	0.5	13.4460	2.3	0.5276	2.3	0.99	2731.4	50.3	2711.5	21.6	2696.7	6.1	2696.7	6.1	101.3
LA4-59	121	470960	1.0	5.4041	0.1	13.5769	1.4	0.5321	1.4	1.00	2750.5	31.7	2720.7	13.5	2698.6	2.1	2698.6	2.1	101.9
LA4-80	14	100561	0.5	5.3828	1.3	13.6437	2.8	0.5326	2.5	0.89	2752.6	55.6	2725.3	26.5	2705.1	21.5	2705.1	21.5	101.8
LA4-41	60	175989	0.6	5.1194	0.4	14.9103	1.2	0.5536	1.1	0.95	2840.2	25.4	2809.5	11.1	2787.6	5.9	2787.6	5.9	101.9
LA4-7	25	94584	1.1	5.0205	0.7	15.2608	2.6	0.5557	2.5	0.96	2848.7	57.5	2831.7	24.8	2819.5	11.9	2819.5	11.9	101.0
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LB1(1AB/08-14-077-08W4/00)

Analysis	U	206Pb	U/Th	206Pb*	±	Isotope R 207Pb*	atios ±	206Pb*	±	error	206Pb*	Appa ±	arent Ages 207Pb*	±	206Pb*	±	Best age	±	Conc
L B-1-08	(ppm)	204Pb	1.4	207Pb*	(%)	235U*	(%)	238U	(%)	corr.	238U*	(Ma)	235U	(Ma)	207Pb*	(Ma)	(Ma) 155.5	(Ma) 3 0	(%)
LB-1-30	118	6998	1.9	17.9959	19.1	0.1876	19.9	0.0244	5.7	0.29	156.0	8.8	174.6	31.9	435.1	428.0	156.0	8.8	NA
LB-1-17 LB-1-106	83	23415 1649	0.7	18.6569 11.0006	15.6 117.4	0.3509	16.2 117.7	0.0475	4.4	0.27	299.1 327.0	12.8	305.4 509.8	42.8 510.9	354.2 1444.6	354.4 118.8	299.1 327.0	12.8	NA NA
LB-1-104	387	67787	1.3	18.4603	3.0	0.3985	7.1	0.0533	6.4	0.90	335.1	20.9	340.5	20.5	378.1	67.8	335.1	20.9	NA
LB-1-4 LB-1-4	553	103507	2.8	18.8868	3.9	0.4100	4.7	0.0562	0.7	0.57	352.2	9.3	348.8	14.0	326.5	42.1	352.2	9.3	NA
LB-1-42	100	14132	1.3	18.7569	9.6	0.4426	9.9	0.0602	2.7	0.27	376.9	9.7	372.1	31.0	342.2	217.5	376.9	9.7	NA NA
LB-1-66	131	18289	1.0	19.2183	8.2	0.4585	10.2	0.0639	6.0	0.59	399.4	23.4	383.2	32.5	286.9	187.4	399.4	23.4	NA
LB-1-70 LB-1-84	64 94	8399 18966	2.5	20.5530	9.7 10.4	0.4392	10.6 10.6	0.0655	4.4	0.41	408.8	17.3	369.7 440.4	33.0 37.8	131.2 575.9	228.5 226.3	408.8 414.9	17.3	311.5 72.0
LB-1-86	133	19241	1.7	18.6775	4.1	0.4923	4.8	0.0667	2.6	0.53	416.2	10.4	406.5	16.2	351.8	92.5	416.2	10.4	118.3
LB-1-62	193	56090	1.1	18.1815	3.9	0.5298	4.4	0.0673	2.5	0.29	420.1	8.6	431.7	15.2	494.1	86.1	420.1	8.6	104.2
LB-1-108 LB-1-15	120 295	17548 69083	1.0	18.8449 17.8061	8.1	0.5073	8.5	0.0693	2.4	0.29	432.1	10.2	416.6	28.9	331.6 458.7	184.0	432.1 438.6	10.2	130.3
LB-1-112	370	63791	3.5	17.9718	2.4	0.5638	3.4	0.0735	2.3	0.69	457.1	10.3	454.0	12.3	438.1	53.9	457.1	10.3	104.3
LB-1-18 LB-1-80	205	54005 36647	4.9	16.1010 17.4635	4.0	0.6382	4.0	0.0745	6.7	0.86	463.4 464.0	29.8 9.3	501.2 470.4	30.8	677.9 501.7	86.2 75.4	463.4 464.0	29.8 9.3	68.4 92.5
LB-1-61	31 240	9859 37694	1.5	23.2442	35.3	0.4450	35.5	0.0750	4.0	0.11	466.3	18.0	373.8	111.5	-166.3 482.6	902.4 56.7	466.3	18.0	NA 97.8
LB-1-96	106	24299	1.5	17.5938	6.3	0.5991	6.6	0.0764	1.9	0.29	474.9	8.7	476.7	24.9	485.3	138.6	474.9	8.7	97.9
LB-1-13 LB-1-34	58 128	18136 31288	0.8	18.3360 17.2036	12.8 4.0	0.5859	13.0 4.2	0.0779	2.4	0.19	483.7 584.6	11.3 7.5	468.3 574.5	48.9 18.6	393.3 534.6	287.9 88.1	483.7 584.6	11.3 7.5	123.0 109.4
LB-1-27	326	86490	13.2	16.5121	1.7	0.8349	2.0	0.1000	1.1	0.55	614.3	6.6	616.3	9.5	623.7	36.9	614.3	6.6	98.5
LB-1-102 LB-1-35	174	127341	2.7	14.2307	2.0	1.5629	2.9	0.1024	1.3	0.43	964.0	15.9	955.6	16.9	936.2	42.3	936.2	42.3	99.2
LB-1-105 LB-1-23	62 85	33605 31678	1.9 8.8	13.9577	6.3 2 0	1.5851	6.4 4.2	0.1605	1.3	0.20	959.4 1038 o	11.6 35.8	964.4 1023.5	40.1	975.9 990 9	128.8	975.9 990 9	128.8	98.3 104.8
LB-1-39	66	24341	2.0	13.7953	3.5	1.7115	4.1	0.1712	2.1	0.52	1018.9	20.0	1012.9	26.2	999.7	70.9	999.7	70.9	101.9
LB-1-54	159	61630 52068	7.1 2.2	13.7927	2.2	1.6952	2.9	0.1696	1.9 2.1	0.65	1009.8	17.5 20.1	1006.7	18.2 22.6	1000.0	43.8 56.2	1000.0	43.8 56.2	101.0 102.1
LB-1-60	274	96610 22749	2.7	13.6185	1.4	1.7599	2.8	0.1738	2.3	0.85	1033.1	22.4	1030.8	28.5	1025.8	29.1 74 P	1025.8	29.1	100.7 99 7
LB-1-68	40	17645	1.9	13.5821	4.3	1.7039	4.4	0.1678	2.4	0.44	999.9	19.8	1009.8	30.9	1031.2	87.6	1031.2	87.6	97.0
LB-1-8 LB-1-2	164 160	203342 92698	2.0	13.5797 13.5205	2.2 0.8	1.7153 1.7976	2.5 1.4	0.1689	1.3	0.51	1006.3 1046.6	12.0 11.1	1014.3 1044.6	16.2 9.3	1031.6 1040.4	43.9 16.7	1031.6 1040.4	43.9 16.7	97.5 100.6
LB-1-63	463	185164	9.0	13.3966	0.5	1.8726	1.4	0.1819	1.3	0.92	1077.6	12.9	1071.5	9.3	1059.0	11.0	1059.0	11.0	101.8
LB-1-89	107	71206	3.0	13.3695	2.9	1.8365	3.4	0.1844	3.8	0.55	1056.4	18.5	1058.6	20.3	1063.1	57.6	1063.1	57.6	99.4
LB-1-2 LB-1-10	282	135902 47361	3.1	13.3389 13.3272	0.6	1.9334	2.7	0.1870	2.6	0.97	1105.4 1106.8	26.4	1092.7	17.9	1067.7	13.0 48.4	1067.7	13.0 48.4	103.5
LB-1-94	90	32590	1.6	13.3207	2.7	1.8075	3.1	0.1746	1.6	0.51	1037.6	14.9	1048.2	20.1	1070.4	53.3	1070.4	53.3	96.9
LB-1-14 LB-1-114	299	94904	4.1	13.2355	0.8	1.7151	3.3	0.1646	3.1	0.94	982.5	28.5	1014.2	21.4	1083.3	23.4	1083.3	23.4	90.7
LB-1-95	488	222320	10.0	13.1519	0.9	1.9190	1.6	0.1830	1.2	0.80	1083.6	12.4	1087.7	10.4	1096.0	18.8	1096.0	18.8	98.9
LB-1-69	45	25371	1.8	12.9654	3.3	2.1152	4.2	0.1989	2.5	0.61	1169.4	27.2	1153.8	28.7	1124.5	65.6	1124.5	65.6	104.0
LB-1-12 LB-1-52	111 76	43552 32995	2.5	12.9370 12.9168	1.6 2.2	2.0193 2.1561	4.4	0.1895	4.1	0.93	1118.5 1186.0	42.0 30.0	1122.0 1167.0	29.9 24.7	1128.9 1132.0	32.5 44.5	1128.9 1132.0	32.5 44.5	99.1 104.8
LB-1-33	64	9684	0.8	12.8988	6.7	1.7959	11.1	0.1680	8.8	0.80	1001.1	82.0	1044.0	72.3	1134.7	132.6	1134.7	132.6	88.2
LB-1-6 LB-1-53	68	28957	3.1	12.8495	2.4	2.1489	4.5	0.2003	3.8	0.85	1176.7	41.4	1164.7	31.3	1142.4	47.1	1142.4	47.1	103.0
LB-1-1 LB-1-74	535	327601 39805	1.5	12.7427	0.4	2.2290	1.6	0.2060	1.6	0.97	1207.5	17.4	1190.2 1143.2	11.5 30.0	1158.9	8.4 75.2	1158.9 1161.5	8.4 75.2	104.2 97.6
LB-1-73	215	77907	5.7	12.7237	0.9	2.1819	2.1	0.2013	1.9	0.89	1182.6	20.1	1175.3	14.5	1161.9	18.8	1161.9	18.8	101.8
LB-1-113 LB-1-78	35	34127	2.1	12.7236	2.9	2.1606	4.5	0.1994	3.4	0.74	1172.0	35.3	1168.5	30.8	1161.9	25.3 58.4	1164.5	25.3 58.4	98.7
LB-1-25 LB-1-67	230	140331 64048	2.1	12.6652 12.6611	1.1 1.9	2.1404	1.4	0.1966	0.9	0.66	1157.1 1194.0	9.9 37.1	1162.0 1186.1	9.8 27.3	1171.1	20.9	1171.1	20.9 38.0	98.8 101.9
LB-1-99	157	163364	1.5	12.6510	1.6	2.2234	3.9	0.2040	3.6	0.91	1196.8	39.0	1188.5	27.5	1173.3	32.4	1173.3	32.4	102.0
LB-1-21 LB-1-49	286	29380 28793	2.1	12.6311	1.3	2.2636	3.2	0.2074	2.3	0.73	1214.8	25.7	1201.0	15.5	1176.4	43.6 24.9	1176.4	43.6 24.9	97.1
LB-1-115 LB-1-29	222	104289	1.7	12.6055	1.2	2.2852	3.6	0.2089	3.4	0.94	1223.1 1130.8	37.8	1207.7 1151.4	25.4	1180.4 1190.3	23.3	1180.4 1190.3	23.3 155.5	103.6 95.0
LB-1-28	54	26511	2.3	12.4548	4.2	2.2316	5.4	0.2016	3.4	0.62	1183.8	36.6	1191.0	38.1	1204.1	83.7	1204.1	83.7	98.3
LB-1-64 LB-1-77	178	64702 31632	1.5	12.4158	1.8	2.3339 2.3835	3.0	0.2102	2.4	0.80	1229.7	26.7	1222.7 1237.6	21.2	1210.3	35.4 54.2	1210.3	35.4 54.2	101.6
LB-1-101 LB-1-45	69 90	67169 59748	2.4	12.3490	2.7	2.3790	3.4	0.2131	2.0	0.59	1245.2	22.6	1236.3	24.2	1220.9	53.7 38.3	1220.9	53.7 38.3	102.0
LB-1-81	233	79047	3.2	12.1004	0.6	2.4821	1.8	0.2178	1.7	0.94	1270.4	19.7	1266.8	13.2	1260.8	11.9	1260.8	11.9	100.8
LB-1-76 LB-1-75	86 176	60153 131902	2.3	12.0272 11.9956	1.9 0.8	2.5373 2.6328	3.0	0.2213	2.4	0.78	1288.9 1329.5	27.6 19.6	1282.8 1309.8	21.9 13.4	1272.6 1277.7	36.4 16.0	1272.6	36.4 16.0	101.3 104.1
LB-1-16 LB-1-103	44	31300 23796	1.4	11.9690	5.8 2.8	2.6377	6.7	0.2290	3.3	0.50	1329.1	40.0 31.6	1311.2	49.4 28.4	1282.1	113.4	1282.1	113.4	103.7
LB-1-11	149	165891	2.1	11.0417	1.1	3.1134	2.8	0.2238	2.5	0.03	1435.0	32.6	1436.0	21.3	1437.5	21.5	1437.5	21.5	99.8
LB-1-107 LB-1-7	115 29	51161 18948	2.4	11.0336 10.9631	1.4 2.9	3.2322 3.0467	2.8	0.2587	2.5	0.87	1482.9 1398.4	32.5 42.6	1464.9 1419.4	21.9 34.0	1438.9 1451.1	26.7 54.7	1438.9 1451.1	26.7 54.7	103.1 96.4
LB-1-91	203	126107	1.8	10.9061	0.7	3.2633	1.6	0.2581	1.4	0.91	1480.2	18.8	1472.3	12.2	1461.0	12.7	1461.0	12.7	101.3
LB-1-44	106	45435 103445	2.0	10.8601	1.9	3.2352	2.9	0.2548	2.2	0.75	1463.3	28.9 27.8	1405.6	18.5	1469.0	20.9	1469.0	20.9	99.6 100.3
LB-1-83 LB-1-57	60 450	29200 86804	0.6	10.7399	1.9	3.4017	3.1	0.2650	2.5	0.80	1515.2 1600 4	34.0	1504.8 1579.5	24.6	1490.1 1551.8	35.2	1490.1 1551.8	35.2	101.7
LB-1-51	48	33455	1.4	9.9823	2.4	4.1721	3.5	0.3021	2.6	0.73	1701.5	38.6	1668.6	29.0	1627.4	45.0	1627.4	45.0	104.6
LB-1-92 LB-1-26	120 109	117260 61501	0.9	9.8653 9.8401	0.8	4.1387 4.0522	2.5 1.8	0.2961	2.3	0.94	1672.1 1637.5	34.4 21.7	1662.0 1644.7	20.3 14.3	1649.3 1654.0	15.5 16.9	1649.3 1654.0	15.5 16.9	101.4 99.0
LB-1-79	196	110719	2.6	9.8382	1.8	3.6587	2.3	0.2611	1.3	0.58	1495.3	17.6 35.6	1562.4	18.0	1654.3	34.0 22 6	1654.3	34.0	90.4
LB-1-47	195	164338	1.3	8.9333	0.6	5.1418	1.5	0.3331	1.4	0.92	1853.6	22.5	1843.0	12.9	1831.1	11.1	1831.1	11.1	101.2
LB-1-93 LB-1-43	112 111	103301 95514	1.2 3.1	8.8220 8.7715	1.3 0.4	5.2255 5.3327	2.9	0.3343	2.6	0.90	1859.4 1883.1	41.9 31.3	1856.8 1874.1	24.7 16.7	1853.8 1864.2	23.3 7.4	1853.8 1864.2	23.3 7.4	100.3 101.0
LB-1-82	137	284508	7.1	8.4982	0.9	5.7277	3.0	0.3530	2.9	0.96	1949.0	49.0	1935.6	26.3	1921.1	15.7	1921.1	15.7	101.5
LB-1-38	262	254837	2.1	6.3235 8.1152	0.7	5.4260	2.9	0.3276	2.7	0.93	1759.0	43.5	1889.0	25.2	2003.4	19.2	2003.4	19.2	93.3 87.8
LB-1-55 LB-1-50	14	18666	1.1	8.0563	4.6	6.2857	6.7	0.3673	4.9	0.73	2016.5	84.3 24.6	2016.5	58.5 13.9	2016.4	80.9 13.7	2016.4	80.9	100.0
LB-1-41	39	57713	0.9	5.7174	0.7	11.0795	2.0	0.4594	1.8	0.94	2437.0	37.1	2529.8	18.2	2605.1	11.4	2605.1	11.4	93.5
LB-1-111 LB-1-22	162 121	226217	5.6 1.3	5.4651 5.3263	0.3	13.2342 13.5220	1.6 2.4	0.5246	1.6	0.98	2718.5 2709.2	35.8 51.9	2696.5 2716.8	15.5 22.5	2680.0 2722.5	4.9 6.3	2680.0 2722.5	4.9 6.3	101.4 99.5
LB-1-72	130	460938	0.6	5.2450	0.5	14.2431	2.6	0.5418	2.5	0.98	2791.0	57.0	2766.0	24.3	2747.8	7.5	2747.8	7.5	101.6
LB-1-46	59	105867	0.9	4.6588	0.5	17.9941	2.8	0.6080	2.7	0.95	3062.0	32.5 66.5	2909.8	26.7	2097.7	8.4	2941.0	8.4	104.1

LB2(1AB/08-14-077-08W4/00)

		00000		000001.4		Isotope R	atios				000014	Appa	arent Ages		00001 1				_
Analysis	U (mgg)	206Pb 204Pb	U/Ih	206Pb* 207Pb*	± (%)	207Pb* 235U*	± (%)	206Pb* 238U	± (%)	corr.	206Pb* 238U*	± (Ma)	207Pb* 235U	± (Ma)	206Pb* 207Pb*	± (Ma)	Bestage (Ma)	± (Ma)	Conc (%)
LB2-102	378	74921	7.8	18.9691	1.3	0.3502	1.6	0.0482	1.0	0.61	303.3	2.9	304.8	4.3	316.6	29.3	303.3	2.9	NA
LB2-80	48	15274	1.1	18.8610	14.9	0.4219	15.3	0.0577	3.2	0.21	361.7	11.4	357.4	46.0	329.6	339.9	361.7	11.4	NA
LB2-7	169	44959	1.0	17.8103	1.5	0.5401	2.6	0.0698	2.1	0.81	434.7	8.8	438.5	9.2	458.2	34.0	434.7	8.8	94.9
LB2-59	295	111099	1.4	17.7988	1.2	0.5640	2.1	0.0728	1.8	0.83	453.1	7.8	440.7	7.8	459.6	26.5	441.0	7.8	98.6
LB2-34	169	62572	1.4	17.9989	2.1	0.5586	3.4	0.0729	2.7	0.79	453.7	11.9	450.6	12.5	434.8	46.5	453.7	11.9	104.4
LB2-57	111	43617	1.5	17.8004	2.6	0.5747	3.3	0.0742	2.0	0.62	461.4	9.1	461.1	12.2	459.4	56.9	461.4	9.1	100.4
LB2-43 LB2-4	58 46	23981	2.1	17.9899	6.2 8.6	0.5879	6.4 8.9	0.0767	2.3	0.24	476.4	6.9 11.4	469.5	24.0	435.9	138.3	476.4	6.9 11.4	109.3
LB2-64	287	136119	0.8	17.1780	1.2	0.6909	3.2	0.0861	3.0	0.93	532.3	15.1	533.3	13.2	537.8	25.7	532.3	15.1	99.0
LB2-82	96	64188	2.1	14.1552	1.1	1.5556	1.5	0.1597	1.0	0.68	955.1	9.0	952.7	9.2	947.2	22.3	947.2	22.3	100.8
LB2-13	108	64585	1.5	14.0912	1.5	1.5163	2.2	0.1550	1.6	0.74	928.7	14.1	937.0	13.5	956.4	30.2	956.4	30.2	97.1
LB2-99	169	334068	1.9	13.8672	0.6	1.6632	1.6	0.1673	1.5	0.90	900.9	13.7	994.6	14.0	970.9	13.0	970.9	13.0	101.0
LB2-15	52	71074	2.5	13.7957	2.4	1.7137	2.7	0.1715	1.2	0.44	1020.2	11.0	1013.7	17.0	999.6	48.4	999.6	48.4	102.1
LB2-49	58	57788	0.9	13.7719	2.4	1.7252	2.7	0.1723	1.2	0.43	1024.9	11.0	1018.0	17.2	1003.1	49.0	1003.1	49.0	102.2
LB2-22	82	44438	1.7	13.7507	1.8	1.6365	2.8	0.1632	2.2	0.76	974.6	19.5	984.4	17.9	1006.2	37.4	1006.2	37.4	96.9
LB2-72	375	273711	4.0	13.7059	0.5	1.7329	1.0	0.1723	0.9	0.90	1024.5	8.9	1020.8	6.7	1012.9	9.2	1012.9	9.2	101.2
LB2-94	118	108074	2.5	13.6730	1.2	1.7269	1.8	0.1712	1.3	0.74	1019.0	12.3	1018.6	11.3	1017.7	24.0	1017.7	24.0	100.1
LB2-66	180	156514	3.2	13.6629	0.6	1.7463	1.7	0.1730	1.6	0.95	1028.9	15.3	1025.8	11.0	1019.2	11.3	1019.2	11.3	100.9
LB2-11	39	32665	2.0	13.6347	3.4	1.7431	3.8	0.1742	1.4	0.45	1035.1	13.2	1031.3	25.0	1023.3	70.7	1023.3	70.7	101.2
LB2-103	207	371215	1.6	13.6153	0.7	1.7673	1.6	0.1745	1.5	0.91	1037.0	14.3	1033.5	10.6	1026.3	13.6	1026.3	13.6	101.0
LB2-63	50	27589	0.8	13.6110	3.0	1.7563	3.4	0.1734	1.5	0.44	1030.7	14.0	1029.5	21.7	1026.9	60.9	1026.9	60.9	100.4
LB2-33 LB2-40	33	27597	1.3	13.5442	2.3	1.7505	3.0	0.1720	1.9	0.63	1022.9	40.1	1027.4	30.0	1036.9 1037 Q	46.4	1036.9	46.4	98.7 100 Q
LB2-1	308	333560	2.1	13.5123	0.4	1.7968	0.9	0.1761	0.8	0.89	1045.6	8.0	1044.3	6.0	1041.6	8.4	1041.6	8.4	100.4
LB2-78	73	73400	2.8	13.4765	1.8	1.8636	3.8	0.1822	3.4	0.89	1078.7	33.7	1068.3	25.3	1047.0	35.9	1047.0	35.9	103.0
LB2-12	71	54817	2.2	13.4703	1.9	1.7966	2.5	0.1755	1.5	0.62	1042.5	14.8	1044.2	16.1	1047.9	38.8	1047.9	38.8	99.5
LB2-09	53	33368	1.4	13 4362	1.4	1.8249	5.5	0.1778	1.0	0.59	1055.1	49.6	1054.5	36.1	1053.1	∠0.4 44.4	1053.1	20.4 44.4	100.2
LB2-6	57	70864	0.9	13.4188	2.9	1.8459	5.5	0.1797	4.6	0.84	1065.1	45.0	1062.0	35.9	1055.7	59.4	1055.7	59.4	100.9
LB2-21	24	42463	2.3	13.3387	5.5	1.9194	5.6	0.1857	0.9	0.16	1098.0	9.0	1087.9	37.2	1067.7	110.6	1067.7	110.6	102.8
LB2-32	173	201165	1.4	13.3194	1.3	1.9075	3.0	0.1843	2.7	0.90	1090.2	26.9	1083.7	19.9	1070.6	26.5	1070.6	26.5	101.8
LB2-92	70	218024	1.6	13.2323	2.1	1.8676	2.4	0.1793	1.4	0.49	1063.2	13.8	1063.2	16.5	1070.2	41.4	1070.2	41.4	98.2
LB2-42	23	12742	2.0	13.2155	4.8	1.7349	5.2	0.1663	2.1	0.40	991.6	19.1	1021.6	33.7	1086.3	96.2	1086.3	96.2	91.3
LB2-104	66	82248	1.9	13.2132	1.7	1.8380	2.4	0.1761	1.7	0.70	1045.8	16.0	1059.1	15.6	1086.7	33.9	1086.7	33.9	96.2
LB2-48	35	80025 44706	2.2	13.1972	1.6	1.8783	2.2	0.1798	1.5	0.70	1065.8	33.8	1073.5	26.8	1089.1	31.6	1089.1	31.6	97.9
LB2-3	194	72152	1.0	13.1818	1.3	1.9134	1.6	0.1829	1.0	0.60	1083.0	9.8	1085.8	10.9	1091.4	26.0	1091.4	26.0	99.2
LB2-60	67	57413	2.4	13.1687	1.0	1.8737	2.1	0.1790	1.8	0.89	1061.3	17.9	1071.9	13.6	1093.4	19.1	1093.4	19.1	97.1
LB2-36	56	86252	1.3	12.9020	2.2	1.9699	3.0	0.1843	2.0	0.67	1090.6	20.1	1105.3	20.1	1134.3	44.3	1134.3	44.3	96.2
LB2-07	72	54707	2.1	12.8346	2.1	2.0906	2.3	0.1949	3.0	0.97	1147.0	30.3	1145.7	25.0	1142.1	41.7	1142.1	41.7	100.5
LB2-16	88	97145	1.7	12.8023	2.1	2.1430	2.8	0.1990	1.8	0.63	1169.8	18.8	1162.8	19.2	1149.7	42.6	1149.7	42.6	101.8
LB2-61	157	123593	1.7	12.7792	1.1	2.1607	1.6	0.2003	1.2	0.74	1176.7	12.8	1168.5	11.1	1153.3	21.3	1153.3	21.3	102.0
LB2-74	21	44387	2.8	12.7597	3.0	2.1994	3.5	0.2035	1.7	0.49	1194.3	18.3	1180.9	24.1	1156.3	22.9	1156.3	22.9	103.3
LB2-54	80	111083	1.4	12.7273	0.8	2.1028	1.7	0.1941	1.4	0.86	1143.6	15.0	1149.7	11.5	1161.3	16.9	1161.3	16.9	98.5
LB2-89	71	82149	2.3	12.7133	1.8	2.1170	2.5	0.1952	1.7	0.67	1149.5	17.8	1154.4	17.3	1163.5	36.6	1163.5	36.6	98.8
LB2-35	200	43848	2.6	12.6828	2.7	2.1355	3.5	0.1964	2.3	0.66	1156.1	24.6	1160.4	24.4	1168.3	52.7	1168.3	52.7	99.0
LB2-02	77	56333	1.6	12.6169	1.3	2.1808	2.1	0.1996	1.7	0.80	1172.9	18.1	1174.9	14.6	1178.6	24.7	1178.6	24.7	99.5
LB2-23	41	41003	1.8	12.4701	1.1	2.2875	1.9	0.2069	1.6	0.82	1212.2	17.3	1208.4	13.4	1201.7	21.1	1201.7	21.1	100.9
LB2-84	35	44698	1.5	12.4496	2.5	2.2758	2.8	0.2055	1.2	0.44	1204.7	13.5	1204.8	19.7	1204.9	49.5	1204.9	49.5	100.0
LB2-07	63	135699	1.0	12.3081	1.3	2.2546	1.0	0.2031	1.4	0.60	1230.6	13.1	1229.4	12.7	1209.8	21.4	1209.6	21.4	96.5
LB2-5	126	575634	2.6	12.2585	1.0	2.3590	1.5	0.2097	1.1	0.76	1227.4	12.6	1230.3	10.5	1235.4	18.8	1235.4	18.8	99.4
LB2-90	101	91158	2.2	12.2488	1.0	2.3505	2.4	0.2088	2.2	0.91	1222.5	24.0	1227.7	16.9	1236.9	19.4	1236.9	19.4	98.8
LB2-75	53	101438	2.6	12.2473	1.5	2.3986	2.2	0.2131	1.0	0.74	1245.1	18.4	1242.2	15.7	1237.2	28.7	1237.2	28.7	100.6
LB2-20	17	23218	2.0	12.0779	4.5	2.4425	5.6	0.2140	3.3	0.60	1249.9	37.9	1255.2	40.4	1264.4	87.9	1264.4	87.9	98.8
LB2-20	79	102058	2.1	11.8447	1.0	2.6925	2.0	0.2313	1.7	0.87	1341.3	20.9	1326.4	14.6	1302.4	18.8	1302.4	18.8	103.0
LB2-93	57	134314	1.7	11.7747	1.2	2.6711	1.6	0.2281	1.1	0.68	1324.6	13.3	1320.5	12.0	1313.9	23.0	1313.9	23.0	100.8
LB2-51	78	147689	1.6	11.6710	0.9	2.7337	2.6	0.1888	2.4	0.40	1341.8	29.5	1337.7	19.3	1321.0	17.5	1321.0	17.5	100.8
LB2-56	53	13820	1.1	11.6189	2.3	2.8171	4.8	0.2374	4.2	0.88	1373.2	52.3	1360.1	36.2	1339.7	44.9	1339.7	44.9	102.5
LB2-97	50	52029	1.5	11.5331	2.3	2.8377	2.4	0.2374	0.9	0.38	1373.0	11.4	1365.6	18.3	1354.0	43.4	1354.0	43.4	101.4
LB2-27	196	140018	1.5	11.3943	0.3	2.8793	1.2	0.2379	0.9	0.97	1376.0	14.6	1376.5	9.1	1377.6	5.3 10.7	1377.6	5.3	99.9 100.6
LB2-10	50	68058	2.1	11.3867	1.5	2.9841	2.2	0.2464	1.6	0.72	1420.1	20.5	1403.6	17.0	1378.6	29.8	1378.6	29.8	103.0
LB2-73	49	51455	2.1	11.3461	1.4	2.8178	2.4	0.2319	2.0	0.82	1344.3	24.2	1360.3	18.2	1385.4	26.4	1385.4	26.4	97.0
LB2-85	23	33940	2.1	11.3001	4.0	2.9830	4.6	0.2445	2.2	0.48	1409.9	27.9	1403.3	35.0	1393.2	27.4	1393.2	27.4	101.2
LB2-65	84	69893	2.0	11.0292	2.0	3.0513	2.4	0.2380	2.1	0.90	1409.3	26.6	1442.5	17.9	1403.3	19.3	1403.3	19.3	97.8
LB2-41	125	76324	2.0	10.8897	0.7	3.1723	2.5	0.2505	2.4	0.96	1441.3	30.9	1450.4	19.2	1463.8	12.6	1463.8	12.6	98.5
LB2-52	6	9990	1.6	10.8741	6.9	3.0546	8.4	0.2409	4.9	0.58	1391.4	61.0	1421.4	64.6	1466.6	130.7	1466.6	130.7	94.9
LB2-83 LB2-37	105	90610	2.2	10.6863	0.6	3.4504	1.8	0.2674	1.7	0.95	1527.7	23.5	1516.0 1519.8	14.3	1499.6	10.8	1499.6	10.8	101.9
LB2-8	21	21906	0.4	9.8976	3.5	4.0297	4.0	0.2893	2.0	0.51	1637.9	29.4	1640.2	32.6	1643.2	64.1	1643.2	64.1	99.7
LB2-95	59	75073	1.1	9.8839	0.9	4.1487	2.4	0.2974	2.3	0.92	1678.4	33.3	1663.9	20.0	1645.8	17.3	1645.8	17.3	102.0
LB2-58	73	124603	0.8	9.8421	1.0	4.0443	1.7	0.2887	1.4	0.81	1635.0	19.6	1643.2	13.6	1653.6	18.0	1653.6	18.0	98.9
LB2-08	191	2395// 32145	0.6	9.0805	1.0	4.2443	1.0	0.2982	1.0	0.97	1848.6	20.7	1847 0	8.1 13.9	1845.2	4.5	1845.2	4.5	100.0
LB2-79	57	97641	1.6	8.8148	1.2	5.3041	1.7	0.3391	1.3	0.74	1882.3	21.0	1869.5	14.8	1855.3	21.1	1855.3	21.1	101.5
LB2-38	63	64624	1.8	8.7988	0.5	5.2895	1.7	0.3375	1.7	0.96	1874.9	27.3	1867.2	14.9	1858.6	8.5	1858.6	8.5	100.9
LB2-50 LB2-46	36	152196	0.9	8 7748	0.6	5.2997	1.8	0.3373	1.6	0.94	1873.6	26.7	1868.8	13.0	1863.5	21.2	1863.5	21.2	100.5
LB2-47	86	177425	1.0	8.5553	0.3	5.5157	1.2	0.3422	1.2	0.97	1897.4	19.8	1903.0	10.7	1909.1	5.3	1909.1	5.3	99.4
LB2-53	135	270529	4.4	6.2149	0.6	9.9417	3.0	0.4481	2.9	0.98	2386.9	57.6	2429.4	27.3	2465.2	10.8	2465.2	10.8	96.8
LB2-68	18	43522	0.4	5.4757	1.2	12.9505	2.4	0.5143	2.0	0.86	2675.0	44.8	2676.1	22.4	2676.8	20.0	2676.8	20.0	99.9
LB2-70	56	207530	1.2	5.4492	0.0	13.3091	1.2	0.5165	1.0	0.94	2004.4 2714 A	25.1	2004.7	11.5	2692.2	9.0	2692.2	9.0	100.0
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LB3(1AB/08-14-077-08W4/00)

Analysis	u	206Pb	U/Th	206Pb*	+	Isotope R 207Pb*	atios +	206Pb*	+	error	206Pb*	App: +	arent Ages 207Pb*	+	206Pb*	+	Best age	+	Conc
	(ppm)	204Pb		207Pb*	(%)	235U*	(%)	238U	(%)	corr.	238U*	(Ma)	235U	(Ma)	207Pb*	(Ma)	(Ma)	(Ma)	(%)
LB3-1	117	161208	2.7	9.6544	0.5	4.3753	1.0	0.3064	0.8	0.84	1722.7	12.2	1707.7	7.9	1689.2	9.6	1689.2	9.6	102.0
LB3-2 LB3-3	69	188798	2.8	9.0749	0.8	4.9317	1.8	0.2009	1.5	0.91	1812.1	25.9	1177.4	15.3	1802.6	43.4	1802.6	43.4	100.6
LB3-4	42	30602	1.0	13.5215	1.8	1.7628	2.4	0.1729	1.6	0.64	1027.9	14.8	1031.9	15.6	1040.3	37.2	1040.3	37.2	98.8
LB3-5	52	97889	1.6	12.4727	1.2	2.2150	2.6	0.2004	2.3	0.88	1177.3	24.3	1185.8	18.0	1201.3	24.4	1201.3	24.4	98.0
LB3-7	33	102310	0.6	5.1572	0.5	14.3540	1.3	0.5369	1.2	0.93	2770.4	26.5	2773.4	12.0	2775.5	7.5	2775.5	7.5	99.8
LB3-8	37	31188	1.2	11.9271	2.8	2.5136	3.2	0.2174	1.6	0.48	1268.3	17.9	1276.0	23.3	1288.9	54.7	1288.9	54.7	98.4
LB3-9	94	56518	2.1	11.4324	1.4	2.6828	2.7	0.2224	2.3	0.86	1294.8	27.0	1323.7	19.9	1370.9	26.6	1370.9	26.6	94.4
LB3-11	58	81887	0.5	13.7877	1.6	1.7125	2.0	0.1727	1.3	0.63	1019.0	12.4	1013.2	13.3	1000.8	32.6	1000.8	32.6	101.8
LB3-12	97	62435	2.0	14.1213	1.5	1.5476	2.1	0.1585	1.5	0.71	948.4	13.3	949.5	13.0	952.1	30.4	952.1	30.4	99.6
LB3-13	140	291516	1.0	11.3364	0.8	2.9173	1.3	0.2399	1.0	0.76	1386.0	27.7	1386.4	9.7	1387.1	16.0	1387.1	16.0	99.9
LB3-15	102	97139	2.4	13.7462	1.0	1.6826	1.7	0.1678	1.3	0.78	999.7	12.1	1002.0	10.6	1006.9	20.9	1006.9	20.9	99.3
LB3-16	59	67273	2.1	14.1068	1.3	1.5688	1.8	0.1605	1.1	0.65	959.6	10.2	958.0	10.9	954.2	27.5	954.2	27.5	100.6
LB3-17	222	64497 48076	2.2	13.5603	2.2	1.7819	2.5	0.1753	1.1	0.45	271.3	10.7	1038.9	16.0	275.0	44.3	271.3	44.3	100.6 NA
LB3-19	109	279180	12.7	10.9142	0.9	3.1851	1.3	0.2521	1.0	0.75	1449.4	13.1	1453.6	10.4	1459.6	17.0	1459.6	17.0	99.3
LB3-20	64	124872	1.3	8.7816	0.8	5.1405	3.4	0.3274	3.3	0.97	1825.8	52.1	1842.8	28.7	1862.1	14.4	1862.1	14.4	98.0
LB3-21 LB3-23	57	105576	2.2	8.6478	1.0	2 6036	1.4	0.3412	1.0	0.70	1892.6	16.4	1891.3	12.3	1889.8	25.3	1889.8	25.3	99.0
LB3-24	26	18458	1.8	11.5780	2.7	2.7280	3.6	0.2291	2.4	0.67	1329.6	29.0	1336.1	26.7	1346.5	51.5	1346.5	51.5	98.7
LB3-25	110	101458	2.0	13.5667	1.0	1.7349	3.1	0.1707	3.0	0.94	1016.0	27.9	1021.6	20.3	1033.5	21.0	1033.5	21.0	98.3
LB3-26 LB3-27	46	22985	2.6	8.8205	9.5	5.2307	9.7	0.3346	2.3	0.64	1860.7	20.2	1857.6	13.2	1854.1 963.9	21.4	1854.1	21.4	98.5
LB3-28	134	84138	0.5	16.5297	1.6	0.8580	2.2	0.1029	1.5	0.70	631.2	9.2	629.0	10.2	621.4	33.5	631.2	9.2	101.6
LB3-29	118	162730	2.1	11.0834	0.8	3.1027	2.3	0.2494	2.1	0.93	1435.4	27.3	1433.4	17.5	1430.3	16.0	1430.3	16.0	100.4
LB3-30 LB3-31	70 93	106330	2.4	13.7104	1.6	2.1546	2.1	0.1760	2.5	0.68	1045.1	14.0 26.9	1034.5	13.9	1012.2	3∠.1 14.8	1012.2	32.1	98.4
LB3-32	46	52770	2.3	12.5354	2.4	2.2214	2.7	0.2020	1.1	0.41	1185.8	12.1	1187.8	18.8	1191.4	48.4	1191.4	48.4	99.5
LB3-33	39	113355	1.6	5.3287	0.5	13.2375	1.3	0.5116	1.1	0.91	2663.4	24.8	2696.7	11.8	2721.8	8.8	2721.8	8.8	97.9
LB3-34 LB3-35	82 61	∠34588 279714	2.4	8.8069	0.5	5.3392	1.1	0.3388	0.9	0.86	1881.0	22.8	1875.2	9.2	1868.6	9.7	1868.6	9.7	100.7
LB3-37	17	13977	1.6	14.1329	7.7	1.5880	7.9	0.1628	1.9	0.23	972.2	16.8	965.5	49.5	950.4	158.1	950.4	158.1	102.3
LB3-38	101	81038	1.7	12.5555	1.7	2.2176	2.1	0.2019	1.2	0.60	1185.7	13.4	1186.6	14.5	1188.3	32.8	1188.3	32.8	99.8
LB3-39 LB3-40	113	59823	2.5	19.1160	3.9	0.4948	4.3	0.0686	1.9	0.85	427.7	6.9	408.2	14.3	299.1	89.6	427.7	6.9	143.0
LB3-41	78	155876	1.1	8.9468	0.6	5.0253	1.5	0.3261	1.4	0.93	1819.4	21.8	1823.6	12.6	1828.4	10.2	1828.4	10.2	99.5
LB3-42	131	108715	2.6	8.6358	0.7	5.4883	1.1	0.3437	0.8	0.74	1904.7	13.0	1898.8	9.1	1892.3	12.7	1892.3	12.7	100.7
LB3-43 LB3-44	19	18346	0.5	12.8237	8.9	1.9388	9.5	0.1803	3.2	0.19	1068.7	31.1	1094.6	63.6	1146.4	177.8	1146.4	177.8	93.2
LB3-45	73	123167	1.3	9.9126	1.1	4.1565	1.7	0.2988	1.3	0.75	1685.5	18.9	1665.5	13.9	1640.4	20.7	1640.4	20.7	102.7
LB3-46	99 152	79886	1.2	13.0087	1.1	1.9700	4.5	0.1859	4.4	0.97	1098.9	23.7	1105.3	30.5	1117.9	21.7	1117.9	21.7	98.3
LB3-48	54	51844	1.2	9.2481	1.4	4.6846	1.6	0.3142	1.2	0.75	1761.4	18.1	1764.5	13.1	1768.1	19.1	1768.1	19.1	99.6
LB3-49	192	287644	1.3	12.5243	0.4	2.2849	0.7	0.2075	0.6	0.81	1215.7	6.6	1207.6	5.2	1193.2	8.4	1193.2	8.4	101.9
LB3-50	204	48156	1.2	20 1338	1.8	1.5633	2.2	0.1615	1.3	0.57	965.1	2.6	955.8	13.9	934.3	37.8	934.3	37.8	103.3 NA
LB3-82	75	22287	0.7	17.9992	3.3	0.5283	4.0	0.0690	2.2	0.55	429.9	9.1	430.7	14.0	434.7	74.4	429.9	9.1	98.9
LB3-106	54	12195	0.9	17.4111	7.1	0.5888	7.5	0.0744	2.4	0.32	462.3	10.8	470.1	28.2	508.3	156.1	462.3	10.8	91.0
LB3-98 LB3-85	368	50478 159427	2.1	17.4659	4.4	0.5875	5.4	0.0744	3.1	0.58	462.7	14.0	469.3	20.4	501.4 463.7	25.6	462.7	14.0	92.3
LB3-65	258	7802	1.2	17.0995	3.0	0.6558	3.7	0.0813	2.1	0.56	504.0	10.0	512.0	14.7	547.8	66.0	504.0	10.0	92.0
LB3-76	46	20910	2.1	13.9695	3.1	1.5350	4.4	0.1555	3.1	0.71	931.9	27.1	944.5	27.1	974.1	63.5	974.1	63.5	95.7
LB3-74 LB3-89	73	282278	3.7	13.6912	0.5	1.7280	1.5	0.1716	1.4	0.93	1020.8	13.2	1019.0	9.6	1015.0	27.4	1015.0	27.4	100.6
LB3-55	240	184954	8.1	13.6137	0.5	1.7625	1.2	0.1740	1.1	0.90	1034.2	10.1	1031.7	7.6	1026.5	10.4	1026.5	10.4	100.7
LB3-63	61	47424	2.3	13.6001	1.6	1.7766	2.1	0.1752	1.4	0.67	1040.9	13.9	1036.9	14.0	1028.5	32.1	1028.5	32.1	101.2
LB3-54	64	37157	2.4	13.5509	1.1	1.7517	1.0	0.1780	1.5	0.74	1033.9	14.1	1048.7	12.0	1035.9	22.3	1035.9	22.3	98.9
LB3-98	119	35230	1.6	13.5338	1.7	1.7971	2.3	0.1764	1.6	0.69	1047.2	15.5	1044.4	15.3	1038.4	34.3	1038.4	34.3	100.8
LB3-77	42	55278	2.1	13.5292	2.3	1.7274	2.9	0.1695	1.7	0.59	1009.3	16.0	1018.8	18.5	1039.1	46.8	1039.1	46.8	97.1
LB3-70	110	72633	2.4	13.4869	1.5	1.8281	2.0	0.1788	1.3	0.66	1060.5	12.7	1055.6	13.0	1045.5	30.0	1045.5	30.0	101.4
LB3-88	52	37910	1.7	13.4282	3.1	1.8376	3.6	0.1790	1.9	0.52	1061.3	18.4	1059.0	23.7	1054.3	62.1	1054.3	62.1	100.7
LB3-97 LB3-62	142 248	155867	1.4	13.3883	1.1	1.8463	1.8	0.1793	1.5	0.79	1063.0	14.2	1062.1	12.1	1060.3	22.5	1060.3	22.5	100.3
LB3-68	92	72153	2.7	13.2026	0.8	1.9007	2.0	0.1820	1.8	0.92	1077.9	17.8	1081.3	13.0	1088.3	15.5	1088.3	15.5	99.0
LB3-64	87	144640	1.1	12.8715	1.0	2.0553	1.6	0.1919	1.3	0.80	1131.5	13.0	1134.1	10.7	1139.0	18.9	1139.0	18.9	99.3
LB3-73 LB3-91	60 353	≥/0/04 212764	2.9 4.2	12.7580	1.5	2.0994	1.9	0.1943	1.2	0.62	1144.4	12.3	1148.6	13.0	1156.6	∠9.6 6.6	1156.6	29.6 6.6	98.9 100.8
LB3-94	149	216676	4.5	12.6502	0.9	2.2248	2.2	0.2041	2.1	0.92	1197.4	22.4	1188.9	15.6	1173.4	17.0	1173.4	17.0	102.0
LB3-100	166	162828	1.9	12.6336	0.7	2.1718	1.6	0.1990	1.5	0.89	1169.9	15.7	1172.1	11.5	1176.0	14.8	1176.0	14.8	99.5
LB3-58	16	12444	1.6	12.3999	9.7	2.2376	10.5	0.2045	4.0	0.38	1146.1	42.0	1165.6	72.9	1202.1	191.8	1202.1	191.8	95.3
LB3-92	138	85385	2.3	12.2465	1.2	2.3812	2.3	0.2115	2.0	0.86	1236.8	22.1	1237.0	16.4	1237.3	23.0	1237.3	23.0	100.0
LB3-57	141	144248	2.5	12.0579	0.5	2.4741	1.4	0.2164	1.3	0.92	1262.6	14.5	1264.5	9.9	1267.7	10.6	1267.7	10.6 225 F	99.6
LB3-95	247	221491	1.4	11.5210	0.3	2.7908	1.6	0.2332	1.6	0.98	1351.2	19.1	1353.1	11.9	1356.0	5.7	1356.0	5.7	99.6
LB3-72	29	24292	1.3	11.2815	3.4	2.8300	3.9	0.2316	2.0	0.51	1342.6	24.0	1363.5	29.3	1396.4	64.4	1396.4	64.4	96.2
LB3-104	143	261688	1.2	11.1200	0.8	3.1237	1.5	0.2519	1.3	0.84	1448.4	16.6	1438.5	20.7	1424.0	15.7	1424.0	15.7	101.7
LB3-59	92	139974	2.5	10.6262	0.3	3.4148	2.1	0.2632	2.1	0.99	1506.1	28.6	1507.8	16.9	1510.3	5.8	1510.3	5.8	99.7
LB3-101	15	18573	0.5	9.9796	4.1	3.9690	4.8	0.2873	2.5	0.51	1627.9	35.3	1627.9	38.8	1627.9	76.2	1627.9	76.2	100.0
LB3-86 LB3-51	39	43683	1.1	9.9528	1.5	4.0082	2.2	0.2893	1.6	0.71	1638.2 1710 P	22.4	1635.9	17.8	1632.9 1715 6	28.6	1632.9	28.6	100.3
LB3-90	492	207842	1.1	9.4760	0.2	4.0865	1.4	0.2808	1.4	0.99	1595.6	19.5	1651.6	11.3	1723.6	3.2	1723.6	3.2	92.6
LB3-87	275	508275	2.4	9.4640	0.3	4.4077	1.1	0.3025	1.1	0.96	1703.9	16.5	1713.8	9.4	1725.9	5.5	1725.9	5.5	98.7
LB3-53 LB3-103	74	92545	1.7	9.2271	1.0	4.7264	1.5	0.3286	1.1	0.73	1771.6 1831 8	17.0	1771.9 1835 8	12.7	1772.3	18.9	1772.3	18.9	100.0
LB3-107	152	207648	4.8	8.6967	0.3	5.4443	1.4	0.3434	1.4	0.97	1903.0	22.8	1891.9	12.3	1879.7	6.3	1879.7	6.3	101.2
LB3-80	61	99870	1.0	8.1895	0.7	5.9517	1.0	0.3535	0.8	0.74	1951.3	12.9	1968.8	9.1	1987.2	12.6	1987.2	12.6	98.2
LB3-83 LB3-84	64 61	222717	1.5 2.0	5.8123	0.4	11.8249	1.5	0.4985	1.4	0.96	2607.2	30.3 38.4	2590.6	13.7	2577.7	6.5 5.0	2577.7	6.5 5.0	101.1 99.7
LB3-67	57	165094	2.0	5.0218	0.4	15.0150	1.6	0.5469	1.5	0.97	2812.1	34.6	2816.2	14.9	2819.1	6.2	2819.1	6.2	99.8
LB3-56	52	17960	1.5	4.9774	0.3	15.4920	2.6	0.5593	2.6	0.99	2863.6	59.6	2846.0	24.8	2833.6	5.6	2833.6	5.6	101.1
LB3-52 LB3-96	27 82	79395 134547	1.0 0.9	4.8805	1.1	16.2974	2.6	0.5629	2.4	0.92	2878.6 2880.6	56.2 31.8	2871.0	25.2	2865.6 2904 0	17.2	2865.6	17.2	99.2
LB3-75	18	30394	0.9	4.1483	5.2	17.2722	5.8	0.5197	2.4	0.42	2697.7	53.6	2950.1	55.6	3127.0	83.6	3127.0	83.6	86.3

LB4(1AB/08-14-077-08W4/00)

						Isotope R	atios					App	arent Ages						
Analysis	U (nom)	206Pb	U/Th	206Pb*	± (0/)	207Pb*	± (9/)	206Pb*	± (9/)	error	206Pb*	± (Ma)	207Pb*	± (Ma)	206Pb*	± (Ma)	Bestage	± (Ma)	Conc
I B4-35	(ppiii) 45	6087	0.7	207PD	(%)	0.0971	(%)	2360	(%)	0.14	127 1	(ivia) 9.8	2350	(ivia) 51.6	-680.6	(IVIA) ######	(IVIA) 127 1	(IVIA) 9.8	(%) NA
LB4-85	521	86717	1.5	20.2018	3.1	0.1690	3.6	0.0248	1.9	0.53	157.7	3.0	158.6	5.3	171.6	72.0	157.7	3.0	NA
LB4-57	184	16703	1.1	19.6990	6.1	0.2190	7.2	0.0313	3.8	0.52	198.6	7.4	201.1	13.2	230.1	142.1	198.6	7.4	NA
LB4-66	99	12000	1.6	20.2966	6.6	0.2148	6.8	0.0316	1.8	0.26	200.7	3.5	197.6	12.3	160.7	154.2	200.7	3.5	NA
LB4-97	141	26239	1.3	19.3088	3.7	0.2842	4.7	0.0398	2.9	0.62	251.6	7.2	254.0	10.6	276.1	84.6	251.6	7.2	NA
LD4-14	41	12049	1.4	20 2258	17.0	0.5362	10.7	0.0594	9.5	0.57	372.8	34.4	435.9	59.3	168.8	290.0	372.1	34.4	NA NA
LB4-49	113	26401	1.2	18.2975	5.0	0.4971	5.3	0.0660	1.7	0.32	411.8	6.6	409.7	17.7	398.0	111.8	411.8	6.6	103.5
LB4-76	129	50505	0.6	18.4336	4.1	0.4962	4.4	0.0663	1.7	0.38	414.1	6.7	409.1	14.9	381.4	92.1	414.1	6.7	108.6
LB4-39	159	43616	1.3	17.9143	3.0	0.5206	4.2	0.0676	3.0	0.70	421.9	12.1	425.6	14.7	445.3	66.9	421.9	12.1	94.8
LB4-71	107	53973	1.3	17.8165	6.3	0.5242	6.5	0.0677	1.8	0.28	422.5	7.5	427.9	22.8	457.5	139.0	422.5	7.5	92.4
LB4-69	154	51838	2.1	18.0787	3.6	0.5169	5.0	0.0678	3.5	0.70	422.7	14.1	423.1	17.2	424.9	/9.6	422.7	14.1	99.5
LB4-02	75	25602	0.8	17.6255	4.8	0.5604	5.4	0.0716	2.6	0.49	446.0	11.4	451.8	19.8	492.4	105.1	446.0	11.4	92.7
LB4-24	194	32234	2.0	17.5908	1.7	0.5826	2.6	0.0743	2.0	0.76	462.2	8.8	466.2	9.8	485.6	37.7	462.2	8.8	95.2
LB4-46	93	24907	1.2	17.9986	3.7	0.5718	4.9	0.0746	3.3	0.66	464.0	14.6	459.2	18.2	434.8	81.9	464.0	14.6	106.7
LB4-68	97	35101	1.5	17.5449	4.2	0.5990	5.0	0.0762	2.7	0.55	473.6	12.5	476.6	19.0	491.4	92.0	473.6	12.5	96.4
LB4-45	47	23096	1.3	18.2442	13.6	0.5766	13.9	0.0763	2.9	0.21	474.0	13.1	462.3	51.5	404.5	305.1	474.0	13.1	117.2
LB4-9	97	122507	1.0	16,7050	2.9	0.7711	3.3	0.0934	1.7	0.51	575.7	9.4	580.4	14.7	598.6	80.7	5/5./	9.4	96.2
LB4-0	118	48870	0.7	16.5387	3.7	0.8270	3.9	0.0992	1.4	0.36	609.7	8.2	612.0	18.1	620.2	79.5	609.7	8.2	98.3
LB4-95	250	143757	3.8	16.1199	0.7	0.9501	1.2	0.1111	1.0	0.81	679.0	6.4	678.1	6.0	675.3	15.4	679.0	6.4	100.5
LB4-100	114	149043	2.2	14.1484	1.5	1.4830	2.4	0.1522	1.8	0.76	913.1	15.5	923.4	14.5	948.2	31.7	948.2	31.7	96.3
LB4-79	44	40202	0.9	14.0984	3.7	1.5340	4.0	0.1568	1.4	0.34	939.2	11.9	944.1	24.5	955.4	76.7	955.4	76.7	98.3
LB4-03	209	208353	3.2	14.0581	0.5	1.5363	2.5	0.1508	2.4	0.92	939.2	20.3	945.8	0.3	964.0	10.7	964.0	10.7	97.7
LB4-104	124	78431	2.7	13.9806	1.2	1.6249	1.5	0.1648	0,9	0.62	983.2	8.7	979.9	9.6	972.5	24.2	972.5	24,2	101.1
LB4-94	67	45692	1.7	13.8562	2.3	1.6739	2.9	0.1682	1.7	0.59	1002.3	15.7	998.7	18.2	990.7	46.9	990.7	46.9	101.2
LB4-4	17	17009	0.4	13.8413	6.9	1.7280	7.1	0.1735	1.9	0.27	1031.2	18.0	1019.0	45.8	992.9	139.7	992.9	139.7	103.9
LB4-2	84	68559	2.4	13.8377	2.3	1.6940	3.4	0.1700	2.6	0.75	1012.2	24.1	1006.3	22.0	993.5	46.6	993.5	46.6	101.9
LB4-50	112	105621	1.1	13.8240	1.1	1.6526	1.8	0.1657	1.4	0.79	988.3	13.1	990.5	11.5	995.5	22.6	995.5	22.6	99.3
LB4-52	34	16655	∠.0 17	13.7292	0.9 3.1	1.0336	3.9	0.1627	2.4	0.26	971.5	22.4	1013.6	45.0 24 R	1009.4	61.9	1009.4	61.9	100.5
LB4-99	29	27176	1.9	13.7036	4.3	1.7313	4.9	0.1721	2.3	0.47	1023.5	21.8	1020.2	31.6	1013.2	87.9	1013.2	87.9	101.0
LB4-5	35	18912	1.0	13.6996	5.1	1.7311	5.4	0.1720	1.8	0.34	1023.1	17.1	1020.2	34.7	1013.8	102.9	1013.8	102.9	100.9
LB4-43	71	78365	1.5	13.6308	2.1	1.7789	2.5	0.1759	1.4	0.55	1044.3	13.4	1037.8	16.3	1024.0	42.3	1024.0	42.3	102.0
LB4-64	140	122626	1.5	13.6296	1.3	1.7251	2.4	0.1705	2.1	0.86	1015.0	19.7	1017.9	15.7	1024.2	25.4	1024.2	25.4	99.1
LB4-44	18	9847	0.6	13.6254	8.3	1.7773	8.6	0.1756	2.3	0.26	1043.1	21.8	1037.2	56.1	1024.8	168.6	1024.8	168.6	101.8
LB4-03	161	296627	2.0	13.5588	1.4	1.7893	2.3	0.1760	1.0	0.86	1044.8	18.6	1000.5	14.4	1020.9	23.4	1020.9	23.4	101.0
LB4-86	92	65741	1.7	13.5529	1.9	1.7605	2.7	0.1730	1.9	0.71	1028.9	18.2	1031.0	17.4	1035.6	38.3	1035.6	38.3	99.4
LB4-15	125	128664	0.8	13.5322	1.1	1.7537	2.8	0.1721	2.5	0.92	1023.8	24.0	1028.5	17.8	1038.7	22.2	1038.7	22.2	98.6
LB4-80	38	34011	1.9	13.5284	2.5	1.8363	3.9	0.1802	2.9	0.76	1067.9	29.0	1058.5	25.5	1039.2	50.9	1039.2	50.9	102.8
LB4-90	85	62348	2.5	13.5116	1.7	1.7938	2.5	0.1758	1.8	0.72	1043.9	17.0	1043.2	16.0	1041.7	34.6	1041.7	34.6	100.2
LB4-00	24	13832	2.3	13.4710	1.5	1.8330	5.9	0.1792	2.8	0.97	1062.4	26.7	1057.6	33.2	1047.8	29.4	1047.8	29.4	99.6
LB4-10	23	13066	1.5	13.3727	3.9	1.8688	4.4	0.1813	2.1	0.48	1073.8	21.2	1070.1	29.4	1062.6	78.4	1062.6	78.4	101.1
LB4-28	119	152394	1.9	13.3520	2.0	1.7985	3.0	0.1742	2.3	0.76	1035.0	22.1	1044.9	19.7	1065.7	39.4	1065.7	39.4	97.1
LB4-54	62	39787	1.1	13.3513	1.3	1.8247	2.1	0.1767	1.7	0.81	1048.9	16.7	1054.4	14.1	1065.8	25.5	1065.8	25.5	98.4
LB4-18	117	99429	1.8	13.3288	0.7	1.8621	1.6	0.1800	1.4	0.89	1067.0	13.6	1067.7	10.3	1069.2	14.5	1069.2	14.5	99.8
LB4-91	40	39563	1.5	13.3123	3.0	1.8504	3.4	0.1787	1.7	0.49	1059.7	16.7	1063.6	22.7	1071.7	60.3 57.1	1071.7	57.1	98.9
LB4-01	53	50593	1.3	13.2040	2.0	1.8957	3.7	0.1703	2.4	0.64	1079.6	22.3	1035.4	24.1	1078.9	48.7	1078.9	48.7	100.0
LB4-25	266	51046	1.9	13.2418	0.6	1.6010	2.1	0.1538	2.0	0.95	922.0	17.2	970.6	13.1	1082.3	12.9	1082.3	12.9	85.2
LB4-20	32	64359	1.0	13.1850	2.0	1.8606	2.4	0.1779	1.3	0.54	1055.6	12.7	1067.2	16.0	1090.9	41.0	1090.9	41.0	96.8
LB4-13	160	39948	2.5	13.1789	1.0	1.5247	1.8	0.1457	1.6	0.85	877.0	12.9	940.4	11.3	1091.9	19.1	1091.9	19.1	80.3
LB4-58	189	211126	2.0	12.9867	0.6	2.0272	1.9	0.1909	1.8	0.95	1126.5	18.6	1124./	12.9	1121.3	12.3	1121.3	12.3	100.5
LB4-01	41	86593	2.5	12.9094	3.0	2.0249	4 4	0.1903	3.1	0.02	1150.8	32.8	1142.2	29.8	1126.0	60.7	1126.0	60.7	100.0
LB4-88	41	27903	1.7	12.9321	3.9	2.1209	4.3	0.1989	1.7	0.39	1169.5	18.0	1155.6	29.5	1129.6	78.4	1129.6	78.4	103.5
LB4-11	56	38294	0.8	12.8818	2.6	2.0950	5.2	0.1957	4.4	0.86	1152.4	46.9	1147.2	35.5	1137.4	52.4	1137.4	52.4	101.3
LB4-101	98	90585	3.5	12.8537	1.1	2.0625	2.0	0.1923	1.6	0.83	1133.7	17.0	1136.4	13.5	1141.8	22.2	1141.8	22.2	99.3
LB4-102	108	60169	1.7	12.8162	1.1	2.0787	1.7	0.1932	1.3	0.76	1138.8	13.7	1141.8	11.8	1147.5	22.1	1147.5	22.1	99.2
LB4-47	21	14780	0.7	12.6834	5.8	2.0363	7.5	0.1944	4.7	0.63	1145.4	48.3	1127 7	51.3	1168.2	20.1 115.9	1168.2	115.9	94.7
LB4-30	62	67164	1.9	12.6763	1.4	2.2484	2.0	0.2067	1.4	0.71	1211.3	15.7	1196.3	14.2	1169.3	28.3	1169.3	28.3	103.6
LB4-72	280	548300	5.4	12.6651	0.3	2.1939	2.6	0.2015	2.6	0.99	1183.5	27.8	1179.1	18.0	1171.1	5.4	1171.1	5.4	101.1
LB4-32	21	17467	1.8	12.6480	3.8	2.1070	4.7	0.1933	2.7	0.57	1139.1	28.1	1151.1	32.3	1173.8	76.1	1173.8	76.1	97.0
LB4-105	269	216220	2.0	12.6157	1.0	2.2143	1.9	0.2026	1.6	0.84	1189.3	17.7	1185.6	13.5	1178.8	20.6	1178.8	20.6	100.9
LB4-82	48	49165	1.0	12.4762	2.5	2.2844	3.9	0.2070	3.0	0.76	1210.2	33.3	1207.5	27.9	1200.4	50.3	1200.4	50.3	100.9
LB4-60	245	313325	0.9	12.3857	0.6	2.2958	1.4	0.2062	1.2	0.90	1208.7	13.4	1211.0	9.6	1215.1	11.7	1215.1	11.7	99.5
LB4-78	18	26845	2.5	12.3111	4.0	2.1643	5.0	0.1932	2.9	0.58	1138.9	30.2	1169.6	34.4	1226.9	79.0	1226.9	79.0	92.8
LB4-31	47	266935	1.0	12.0268	1.7	2.4193	2.2	0.2110	1.4	0.63	1234.3	15.6	1248.3	15.9	1272.7	33.7	1272.7	33.7	97.0
LB4-40	355	279616	0.7	11.6395	0.4	2.6033	1./	0.2198	1./	0.98	1280.6	19.8	1301.6	12.8	1336.2	10.7	1336.2	10.7	95.8
LB4-93	42	65633	0.7	10.9571	1.0	3 1868	1.7	0.2530	1.0	0.94	1455.2	21.3	1454.0	12.0	1404.2	19.8	1404.2	19.8	100.2
LB4-75	91	114408	0.7	10.8841	0.8	3.2126	1.6	0.2536	1.4	0.86	1457.0	18.0	1460.2	12.4	1464.8	15.5	1464.8	15.5	99.5
LB4-36	149	172623	1.6	10.8816	0.5	3.1853	2.3	0.2514	2.2	0.98	1445.6	28.7	1453.6	17.5	1465.3	8.8	1465.3	8.8	98.7
LB4-81	28	44733	1.1	10.8314	2.1	3.1080	3.7	0.2442	3.1	0.82	1408.3	39.0	1434.7	28.7	1474.0	40.1	1474.0	40.1	95.5
LB4-37	114	160109	1.1	10.7464	0.6	3.2163	1.5	0.2507	1.3	0.91	1442.0	17.3	1461.1	11.4	1489.0	11.4	1489.0	11.4	96.8
LB4-/U	105	57091	1.5	10.6900	1.0	3.3181	2.9	0.2573	2.7	0.94	1475.8	35.6	1485.3	22.4	1498.9	18.8	1498.9	18.8	98.5
LB4-09	182	23/420	2./	10.6543	0.7	3.3529	1.5	0.2591	1.3	0.89	1465.2	21.9	1493.5	14.6	1505.3	13.1	1505.3	16.7	90./
LB4-26	65	93048	1.4	10.2868	1.1	3.6996	2.2	0.2760	1.9	0.86	1571.3	26.3	1571.3	17.6	1571.3	21.2	1571.3	21.2	100.0
LB4-56	50	82761	1.5	10.2716	1.0	3.6940	2.7	0.2752	2.6	0.94	1567.1	35.7	1570.1	21.9	1574.1	18.1	1574.1	18.1	99.6
LB4-84	114	142166	1.0	10.0985	0.4	3.7848	1.6	0.2772	1.5	0.96	1577.2	21.2	1589.5	12.7	1605.8	8.3	1605.8	8.3	98.2
LB4-98	73	121857	1.1	9.9937	1.7	4.0224	2.8	0.2915	2.3	0.80	1649.2	33.0	1638.7	23.0	1625.2	31.4	1625.2	31.4	101.5
LD4-21	47	428244	1.0	9.8507	0.9	4.1354	1.5	0.2954	1.3	0.83	1662.6	18.9	1659.9	12.6	1652.0	15.9	1652.0	15.9	101.0
L B4-92	192	93651	1.3	9.0403	0.4	5.0756	0.9	0.2942	1.0	0.89	1830 5	18.2	1832.0	7.0 11.4	1833.8	13.0	1833.8	13.0	00.0 99 A
LB4-34	38	178153	1.4	7.0020	3.3	7.5976	5.5	0.3858	4.4	0.80	2103.5	79.8	2184.6	49.8	2261.6	57.3	2261.6	57.3	93.0
LB4-23	63	146050	1.3	5.9845	0.5	10.9585	2.4	0.4756	2.3	0.98	2508.2	48.1	2519.6	22.0	2528.8	7.8	2528.8	7.8	99.2
LB4-67	55	123025	1.1	5.4570	0.5	13.3312	1.7	0.5276	1.6	0.95	2731.4	36.1	2703.4	16.1	2682.5	8.8	2682.5	8.8	101.8
LB4-3	43	470187	1.7	5.4236	0.3	13.0901	1.4	0.5149	1.4	0.98	2677.5	30.2	2686.2	13.2	2692.7	4.3	2692.7	4.3	99.4

LL2 (1AA/02-13-086-07W4/00)

Analysis	u	206Pb	U/Th	206Pb*	+	Isotope R 207Pb*	atios +	206Pb*	+	error	206Pb*	App +	arent Ages 207Pb*	+	206Pb*	+	Bestage	+	Conc
	(ppm)	204Pb		207Pb*	(%)	235U*	(%)	238U	(%)	corr.	238U*	(Ma)	235U	(Ma)	207Pb*	(Ma)	(Ma)	(Ma)	(%)
LL2-65 LL2-72	180 77	25482 15455	0.7	20.0362 21.5013	4.2	0.1812	4.4	0.0263	1.4 2.4	0.33	167.6 221.4	2.4	169.1 205.3	6.8 30.1	190.8 24.1	96.6 386.0	167.6 221.4	2.4	NA NA
LL2-16	161	42541	0.9	19.8621	3.7	0.2819	4.5	0.0406	2.5	0.56	256.6	6.3	252.1	10.0	211.0	85.6	256.6	6.3	NA
LL2-45 LL2-58	169 46	78399 27876	0.9	18.6903 17.3216	2.5	0.4019	2.7	0.0545	0.9	0.36	341.9 409.0	3.1	343.0	21.3	350.2 519.6	56.1 126.0	341.9 409.0	3.1 8.3	NA 78.7
LL2-32	102	24005	1.9	18.6181	4.7	0.5026	5.0	0.0679	1.6	0.31	423.3	6.4	413.5	16.9	358.9	106.5	423.3	6.4	117.9
LL2-68 LL2-30	169 184	76337	1.8	18.4249	1.3	0.5086	2.0	0.0680	1.5 1.6	0.75	423.9 430.7	6.1 6.5	417.5	6.7 7.6	382.4 412.2	29.1 34.4	423.9 430.7	6.1 6.5	110.8
LL2-13	76	34554	1.4	18.6774	4.5	0.5110	5.5	0.0692	3.1	0.57	431.4	13.1	419.1	18.8	351.8	101.2	431.4	13.1	122.6
LL2-104	246	98863 5545	0.9	17.9128	1.9	0.5400	2.5	0.0702	1.6	0.66	437.1	7.0	438.4	8.9	445.4	42.1	437.1	7.0	98.1 135.6
LL2-6	195	188039	2.0	18.1252	2.8	0.5426	4.5	0.0713	3.6	0.79	444.2	15.3	440.2	16.1	419.2	61.6	444.2	15.3	106.0
LL2-93	155	45983	1.0	17.7327	3.3	0.5580	3.4	0.0718	0.8	0.24	446.8	3.5	450.2	12.4	467.8	73.3	446.8	3.5	95.5
LL2-27	85	25344	1.1	18.3495	6.2	0.5421	6.4	0.0721	1.8	0.28	449.0	7.8	439.8	23.0	391.6	138.9	449.0	7.8	114.7
LL2-98	377	168926	1.8	17.2707	0.9	0.6789	1.3	0.0850	0.9	0.71	526.1 630.7	4.7	526.1	5.3	526.1	19.9	526.1 630.7	4.7	100.0
LL2-8	29	37512	1.6	14.3241	5.4	1.5420	6.3	0.1602	3.3	0.51	957.8	29.0	947.3	39.1	922.9	112.0	922.9	112.0	103.8
LL2-28	123	38155	1.5	14.0118	1.0	1.5264	1.5	0.1551	1.1	0.74	929.6	9.8	941.0	9.3	968.0	20.6	968.0	20.6	96.0
LL2-76	23	17623	1.3	13.8882	7.4	1.6104	7.6	0.1622	1.6	0.21	969.0	14.6	974.3	47.7	986.0	151.4	986.0	151.4	98.3
LL2-36	25	30228	1.6	13.8859	3.1	1.6859	4.2	0.1698	2.8	0.67	1010.9	26.1	1003.2	26.5	986.4	63.0	986.4	63.0	102.5
LL2-53	312	260553	4.3	13.7337	0.3	1.6663	1.4	0.1660	1.4	0.97	989.9	12.4	995.8	8.9	1008.8	7.1	1008.8	7.1	98.1
LL2-75	66	53267	0.8	13.7170	1.8	1.7406	2.0	0.1732	0.9	0.43	1029.5	8.3	1023.7	13.1	1011.2	37.1	1011.2	37.1	101.8
LL2-47	91	120612	2.2	13.6451	1.6	1.7402	2.9	0.1725	2.5	0.33	1025.6	23.3	1023.5	18.9	1018.7	32.0	1018.7	32.0	99.4
LL2-38	31	41860	1.0	13.6227	3.9	1.7561	4.3	0.1735	1.7	0.40	1031.4	16.4	1029.4	27.7	1025.2	79.4	1025.2	79.4	100.6
LL2-43	28	25087	0.8	13.5567	5.2	1.7956	5.3	0.1783	2.3	0.70	1057.8	11.2	1047.7	34.9	1026.7	105.6	1026.7	105.6	103.0
LL2-35	43	36976	2.4	13.5372	2.5	1.7550	3.2	0.1723	2.0	0.62	1024.8	18.8	1029.0	20.6	1037.9	50.1	1037.9	50.1	98.7
LL2-21	148	5566	3.4 2.9	13.5082	3.8	1.8170	4.2	0.1663	1.3	0.71	1055.9	17.4	1007.5	27.7	1042.2	26.2 77.3	1042.2	77.3	95.1 101.3
LL2-14	116	72239	2.7	13.4725	0.7	1.8203	1.4	0.1779	1.1	0.85	1055.3	11.1	1052.8	8.9	1047.6	14.5	1047.6	14.5	100.7
LL2-29 LL2-74	75 38	53479 50525	1.7	13.4628	2.7	1.7786	2.8	0.1737	0.9	0.33	1032.3	8.8	1037.7	18.3	1049.1	53.7 59.1	1049.1	53.7 59.1	98.4 98.5
LL2-92	75	71392	2.5	13.4295	2.6	1.8107	4.4	0.1764	3.5	0.80	1047.1	33.9	1049.3	28.7	1054.1	53.1	1054.1	53.1	99.3
LL2-10 LL2-5	214 88	178222	3.5	13.4247	0.9	1.8172	1.2	0.1769	0.8	0.65	1050.2	7.5 14.3	1051.7	7.8 11.1	1054.8	18.2	1054.8	18.2	99.6 101.6
LL2-46	25	16597	2.2	13.3960	5.2	1.7179	5.6	0.1669	2.1	0.37	995.1	19.3	1015.2	36.2	1059.1	105.3	1059.1	105.3	94.0
LL2-64 LL2-59	80 90	69178 75238	2.8	13.3879	0.8	1.8288	1.9	0.1776	1.7	0.91	1053.7	16.7	1055.9	12.4	1060.3	21.9	1060.3	16.0 21.9	99.4 97.1
LL2-55	183	199413	2.3	13.3021	0.4	1.8621	1.2	0.1796	1.1	0.92	1065.0	10.7	1067.7	7.8	1073.2	9.0	1073.2	9.0	99.2
LL2-33 LL2-56	47	38621 7835	1.5	13.2413	1.9	1.8474	2.4	0.1774	1.4	0.59	1052.8	13.7	1062.5	15.7	1082.4	38.4 48.3	1082.4	38.4 48.3	97.3
LL2-17	192	177848	1.7	13.1614	0.6	1.9402	0.8	0.1852	0.6	0.69	1095.3	5.7	1095.1	5.5	1094.6	11.9	1094.6	11.9	100.1
LL2-86 LL2-18	30 191	29755 234601	1.2	13.1253 13.0816	4.9	1.8827	5.0 1.6	0.1792	1.0	0.21	1062.7	10.2	1075.0	32.9	1100.1	97.1	1100.1 1106.7	97.1 9.2	96.6 99.9
LL2-95	83	79408	1.2	13.0589	1.9	1.9575	2.2	0.1854	1.2	0.53	1096.4	11.8	1101.0	14.8	1110.2	37.4	1110.2	37.4	98.8
LL2-61 LL2-91	588 60	414312 80617	2.9	12.9020	0.2	2.0497	3.3	0.1918	3.3	1.00	1131.1 1134.4	34.0	1132.2	22.4	1134.3 1138.3	4.7	1134.3 1138.3	4.7	99.7 99.7
LL2-31	69	101223	2.2	12.8666	1.2	2.0434	2.0	0.1907	1.5	0.79	1125.1	16.0	1130.1	13.3	1139.7	23.7	1139.7	23.7	98.7
LL2-67	151 98	162039 226053	1.9	12.7681	0.9	2.1473	1.3	0.1988	1.0	0.73	1169.1	10.4	1164.2	9.3	1155.0	18.1	1155.0	18.1	101.2
LL2-15	67	78768	1.9	12.7294	2.3	2.1527	2.8	0.1987	1.5	0.53	1168.6	15.7	1165.9	19.2	1161.0	46.6	1161.0	46.6	100.7
LL2-73	222	22551 259193	3.0	12.5366	6.8	2.1608	7.5	0.1965	3.2	0.43	1156.3	34.4	1168.5	52.1	1191.2	133.6	1191.2	133.6	97.1 97.9
LL2-57	105	103524	2.0	12.4285	1.4	2.2355	1.6	0.2015	0.8	0.50	1183.4	8.8	1192.2	11.4	1208.3	27.5	1208.3	27.5	97.9
LL2-1	39	60055 195506	0.7	12.4119	1.6	2.2524	2.9	0.2028	2.5	0.84	1190.1	26.7	1197.5	20.5	1210.9	31.2	1210.9	31.2	98.3
LL2-62	68	80294	2.8	12.3779	0.8	2.4309	2.2	0.2182	2.0	0.93	1272.5	23.7	1251.8	15.8	1216.3	15.4	1216.3	15.4	104.6
LL2-105	46	63252	1.9	12.2874	1.9	2.3302	2.2	0.2077	1.2	0.51	1216.3	12.8	1221.5	15.9	1230.8	37.7	1230.8	37.7	98.8
LL2-88	52	29471	1.2	12.1928	2.0	2.3201	2.7	0.2052	1.8	0.68	1203.0	19.8	1218.5	18.9	1245.9	38.3	1245.9	38.3	96.6
LL2-96 LL2-66	9 78	9801 75550	2.2	12.1073	7.7	2.5807	8.3	0.2266	3.1	0.37	1316.7 1293.8	36.7	1295.2 1283 1	61.1	1259.6	151.7	1259.6	151.7	104.5
LL2-78	72	79515	1.8	11.6914	0.9	2.7481	1.5	0.2330	1.2	0.80	1350.3	14.8	1341.6	11.3	1327.6	17.7	1327.6	17.7	101.7
LL2-80	66 80	95291 64032	2.0	11.4900	1.5	2.7466	1.9	0.2289	1.1	0.61	1328.7	13.7	1341.2	13.8	1361.2 1368.7	28.2	1361.2 1368.7	28.2	97.6
LL2-101	108	112856	1.4	11.2538	0.7	2.9955	4.5	0.2445	4.5	0.99	1410.0	56.4	1406.5	34.4	1401.1	13.8	1401.1	13.8	100.6
LL2-103 LL2-39	17	33517 328192	1.9	11.1275	3.1	2.9498	3.6	0.2381	1.7	0.49	1376.6 1458.2	21.6	1394.8 1450 7	27.2	1422.7	59.8 9.3	1422.7	59.8 9.3	96.8
LL2-63	54	72947	1.3	11.0228	1.1	3.1799	1.4	0.2542	0.9	0.63	1460.2	11.6	1452.3	10.8	1440.7	20.7	1440.7	20.7	101.4
LL2-2	127 70	95481 179034	1.2	10.8323	0.9	3.2755	1.5	0.2573	1.2	0.81	1476.2	16.2	1475.3	11.8	1473.9	17.0	1473.9	17.0	100.2
LL2-71	135	223334	1.1	10.8000	0.4	3.3334	1.2	0.2611	1.2	0.96	1495.5	15.9	1488.9	9.7	1479.5	6.6	1479.5	6.6	101.1
LL2-23 LL2-42	217	213195 255588	1.9	10.7252 9.9741	0.3	3.3667	1.0	0.2619	0.9	0.94	1499.5 1588.8	25.4	1496.7	7.8	1492.7	6.5 9.5	1492.7	6.5	100.5
LL2-12	25	30321	2.4	9.8703	2.1	4.0857	3.2	0.2925	2.5	0.77	1653.9	36.1	1651.5	26.3	1648.3	38.4	1648.3	38.4	100.3
LL2-7 LL2-94	257	397580 443714	2.1	9.3574	0.3	4.5372	1.3	0.3079	1.3	0.98	1730.5	19.3	1737.8	10.9	1746.6	5.2	1746.6	5.2	99.1 99.6
LL2-90	108	215569	2.0	9.3102	0.7	4.7152	1.2	0.3184	1.0	0.80	1781.8	15.2	1769.9	10.2	1755.9	13.5	1755.9	13.5	101.5
LL2-83	47	99900 606125	0.6	9.2602	0.8	4.7560	1.1	0.3194	0.8	0.71	1786.9	12.8	1777.2	9.6	1765.8	14.7	1765.8	14.7	101.2
LL2-102	84	167696	0.9	8.9712	0.5	5.0653	1.3	0.3296	1.1	0.90	1836.3	17.3	1830.3	10.0	1823.5	9.3	1823.5	9.3	100.7
LL2-40	167	222660	2.4	8.9592	0.3	5.0675	0.9	0.3293	0.9	0.94	1834.9	14.0	1830.7	7.9	1825.9	5.8	1825.9	5.8	100.5
LL2-81	91	238234	0.8	8.9137	0.3	5.0797	1.5	0.3284	1.5	0.96	1830.6	23.4	1832.7	13.0	1835.1	4.9	1835.1	4.9	99.8
LL2-3	39	74949	1.6	8.8974	0.7	5.1530	1.4	0.3325	1.2	0.86	1850.6	19.0	1844.9	11.7	1838.4	12.6	1838.4	12.6	100.7
LL2-70	92	142062	0.8	8.7813	0.5	5.2085	1.4	0.3317	0.9	0.84	1846.7	13.1	1854.0	8.3	1862.2	9.7	1862.2	9.7	99.2
LL2-82	29	40979	3.5	8.7584	1.8	5.1097	3.3	0.3246	2.8	0.84	1812.1	44.3	1837.7	28.2	1866.9	32.1	1866.9	32.1	97.1
LL2-49	14	29516	4.0	8.5808	2.5	5.2709	3.2	0.3280	2.1	0.64	1828.8	32.9	1864.2	27.5	1903.8	44.5	1903.8	44.5	96.1
LL2-84	71	257538	1.9	5.9114	0.4	11.2230	2.1	0.4812	2.0	0.98	2532.4	42.3	2541.8	19.2	2549.4	6.8	2549.4	6.8	99.3
LL2-51	43	225763	0.8	5.4073	0.5	13.2193	0.9	0.4918	0.7	0.83	2692.5	16.6	2695.4	0.3 7.4	2697.6	0.3 3.7	2697.6	3.7	99.8
LL2-20	52	139146	0.9	5.3972	0.3	13.4079	1.8	0.5248	1.7	0.98	2719.7	38.7	2708.8	16.8	2700.7	5.6	2700.7	5.6	100.7
LL2-97 LL2-85	26	77930	1.1	5.3874	0.5	13.2889	2.0	0.5192	2.0	0.97	2696.0	43.2	2700.4 2736.0	19.1	2703.7	8.3 10.8	2703.7 2728.8	8.3	99.7 100.6
LL2-24	73	231591	1.3	4.7693	0.5	16.4058	2.3	0.5675	2.2	0.98	2897.4	51.9	2900.7	21.8	2903.0	8.1	2903.0	8.1	99.8

LL3 (1AA/02-13-086-07W4/00)

America		0000	11/71	000054		Isotope F	tatios	000054			00001+*	App	arent Ages		00001-*		Destant		0
Analysis	U (ppm)	206Pb 204Pb	U/Th	206Pb* 207Pb*	± (%)	207Pb* 235U*	± (%)	206Pb* 238U	± (%)	corr.	206Pb* 238U*	± (Ma)	207Pb* 235U	± (Ma)	206Pb* 207Pb*	± (Ma)	Bestage (Ma)	± (Ma)	Conc (%)
LL3-17	179	35716	0.5	19.5991	6.0	0.1846	6.2	0.0262	1.4	0.23	167.0	2.4	172.0	9.8	241.8	139.2	167.0	2.4	NA
LL3-69	248	138305	0.5	18.6524	1.6	0.4137	2.7	0.0560	2.2	0.81	351.1	7.4	351.6	8.0	354.8	35.9	351.1	7.4	NA
LL3-43 LL3-76	50	17631	1.9	19.1000	13.9	0.4249	11.5	0.0632	3.4	0.29	370.0	7.0	400.3	46.3	432.3	310.4	370.0	7.0	NA
LL3-41	444	24120	14.6	17.8950	3.1	0.5009	3.7	0.0650	2.0	0.55	406.1	8.0	412.3	12.6	447.6	69.1	406.1	8.0	90.7
LL3-44	130	38507	0.9	18.3172	2.6	0.4953	3.0	0.0658	1.4	0.47	410.8	5.6	408.5	10.0	395.6	59.0 64.2	410.8	5.6	103.9
LL3-00 LL3-28	93	16766	1.3	18.8628	2.9	0.4885	3.1	0.0668	1.0	0.34	414.0	6.9	417.1	13.0	329.4	79.4	414.0	6.9	90.2
LL3-56	237	31507	1.8	18.0395	3.4	0.5350	4.9	0.0700	3.6	0.73	436.2	15.1	435.1	17.4	429.7	74.9	436.2	15.1	101.5
LL3-85	219	30019	0.9	17.8971	4.7	0.5446	4.8	0.0707	1.2	0.25	440.3	5.1	441.5	17.3	447.4	103.8	440.3	5.1	98.4
LL3-52 LL3-104	210	101083	0.6	18.0688	1.5	0.5431	2.4	0.0709	1.4	0.68	441.5	6.2	440.5	0.4	435.5	49.4 34.0	441.5	6.2	101.4
LL3-58	175	62772	1.6	17.8934	2.7	0.5678	3.1	0.0737	1.5	0.48	458.3	6.7	456.6	11.5	447.8	60.7	458.3	6.7	102.3
LL3-98	151	79177	2.7	17.5466	3.9	0.6056	3.9	0.0771	0.9	0.22	478.6	4.0	480.8	15.1	491.2	85.0	478.6	4.0	97.4
LL3-49	78	21841	1.4	16.1230	1.9	0.8817	2.7	0.1033	1.9	0.23	632.6	11.2	641.9	12.7	674.9	41.1	632.6	11.2	93.7
LL3-92	106	70112	2.0	16.3400	1.3	0.9032	2.4	0.1070	2.0	0.85	655.5	12.7	653.5	11.6	646.3	27.0	655.5	12.7	101.4
LL3-64	118	101506	1.8	14.0863	1.2	1.5327	1.5	0.1566	0.8	0.55	937.8	7.1	943.6	9.1	957.1	25.5	957.1	25.5	98.0
LL3-34	122	10597	1.8	14.0208	1.7	1.5436	2.1	0.1570	1.3	0.60	939.9	11.0	947.9	12.8	966.7	33.9	966.7	33.9	97.2
LL3-65	97	69518	1.4	13.9881	1.0	1.5305	2.5	0.1553	2.3	0.91	930.5	19.7	942.7	15.3	971.5	21.1	971.5	21.1	95.8
LL3-89	81 63	36235	2.7	13.8806	1.0	1.5796	2.3	0.1590	2.1	0.91	951.3	18.3	962.2	21.9	987.2	19.4 69.2	987.2	19.4 69.2	96.4
LL3-5	43	41248	0.8	13.8592	1.4	1.6326	1.7	0.1641	0.9	0.56	979.5	8.6	982.9	10.6	990.3	28.3	990.3	28.3	98.9
LL3-25	26	23220	2.2	13.8183	4.4	1.7148	4.8	0.1719	1.9	0.40	1022.3	18.0	1014.1	30.8	996.3	89.6	996.3	89.6	102.6
LL3-9 LL3-103	289	314922	3.7	13.7775	0.6	1.7011	2.0	0.1700	2.5	0.97	1012.0	23.0	1008.9	5.4	1002.3	9.1	1002.3	9.1	101.0
LL3-86	96	82940	1.2	13.7432	1.6	1.7357	2.0	0.1730	1.2	0.58	1028.7	11.0	1021.9	12.8	1007.4	32.8	1007.4	32.8	102.1
LL3-31	91	83335	1.4	13.6890	1.3	1.7116	3.2	0.1699	2.9	0.92	1011.7	27.5	1012.9	20.5	1015.4	26.0	1015.4	26.0	99.6
LL3-90 LL3-16	30	21783	1.0	13.5681	4.0	1.7500	5.2	0.1729	3.3	0.78	1027.8	31.3	1027.1	33.4	1025.6	<u>∠3.4</u> 80.2	1025.6	23.4 80.2	99.0
LL3-48	53	30185	1.2	13.5606	1.9	1.7241	2.9	0.1696	2.1	0.73	1009.7	19.6	1017.6	18.4	1034.4	39.3	1034.4	39.3	97.6
LL3-23	60	58569	0.8	13.5548	1.3	1.8144	2.4	0.1784	2.0	0.84	1058.1	19.8	1050.7	15.8	1035.3	26.5	1035.3	26.5	102.2
LL3-00 LL3-7	92	49513	2.1	13.5520	1.3	1.7660	3.8	0.1736	3.6	0.94	1031.8	34.2	1033.1	24.6	1035.7	20.5 31.4	1035.7	25.5	99.6
LL3-83	56	51081	2.3	13.5338	2.5	1.8150	3.1	0.1781	1.9	0.60	1056.9	18.4	1050.9	20.5	1038.4	50.5	1038.4	50.5	101.8
LL3-66	67	50302	1.4	13.5280	1.8	1.8790	3.4	0.1844	2.9	0.85	1090.7	28.7	1073.7	22.4	1039.3	36.5	1039.3	36.5	104.9
LL3-91	81	93499	1.6	13.4972	2.0	1.7930	2.1	0.1755	0.7	0.40	1042.4	6.9	1021.0	13.9	1039.0	40.5	1039.8	40.5	99.9
LL3-42	73	62909	0.9	13.4937	2.0	1.7236	2.6	0.1687	1.6	0.63	1004.9	15.0	1017.4	16.4	1044.4	40.0	1044.4	40.0	96.2
LL3-12	40	52842	0.5	13.4884	1.8	1.7667	1.9	0.1728	0.8	0.41	1027.7	7.5	1033.3	12.5	1045.2	35.5	1045.2	35.5	98.3
LL3-105	184	202097	8.9	13.4189	0.6	1.8437	1.0	0.1794	0.8	0.20	1063.9	8.1	1040.4	6.8	1055.6	12.8	1055.6	12.8	100.8
LL3-75	37	36010	1.1	13.3781	2.2	1.8683	2.7	0.1813	1.5	0.56	1073.9	15.1	1069.9	17.9	1061.8	44.8	1061.8	44.8	101.1
LL3-21	78	97661	0.7	13.3778	1.4	1.7980	1.9	0.1745	1.3	0.70	1036.6	12.7	1044.7	12.4	1061.8	27.4	1061.8	27.4	97.6
LL3-6	30	30126	1.1	13.3243	4.3	1.8262	5.0	0.1765	2.6	0.53	1047.7	25.4	1054.9	32.8	1069.9	85.5	1069.9	85.5	97.9
LL3-61	108	194816	1.6	13.2734	1.3	1.7292	2.0	0.1665	1.5	0.76	992.6	14.0	1019.5	12.8	1077.6	25.8	1077.6	25.8	92.1
LL3-37	189	216311	1.2	13.2154	0.9	1.8973	1.2	0.1819	0.8	0.68	984.7	8.4	1080.2	8.2	1086.3	18.2	1086.3	18.2	99.1
LL3-10	32	27547	0.8	13.1523	3.0	1.9128	3.5	0.1825	1.7	0.49	1080.4	17.0	1085.6	23.1	1095.9	60.5	1095.9	60.5	98.6
LL3-19	26	28029	3.2	13.1123	3.8	1.9433	5.6	0.1848	4.2	0.74	1093.2	42.1	1096.1	37.8	1102.0	75.7	1102.0	75.7	99.2
LL3-26 LL3-20	132	205544	2.3	12.9530	0.6	2.0561	2.6	0.1932	2.5	0.90	1138.4	26.5	1134.3	8.8	1126.4	11.4	1126.4	11.4	101.1
LL3-77	24	31597	1.5	12.9167	3.5	1.8622	4.5	0.1745	2.8	0.62	1036.6	26.6	1067.8	29.5	1132.0	69.5	1132.0	69.5	91.6
LL3-3	80	63808	1.4	12.8412	1.3	2.1780	2.0	0.2028	1.5	0.77	1190.6	16.6	1174.1	13.9	1143.6	25.5	1143.6	25.5	104.1
LL3-36	54	39419	2.9	12.7875	2.3	2.1234	2.6	0.1970	1.4	0.46	1159.2	12.6	1156.7	17.9	1145.0	45.8	1145.0	45.8	100.6
LL3-71	101	103042	1.1	12.7358	0.6	2.1427	1.6	0.1979	1.5	0.92	1164.1	15.6	1162.7	11.0	1160.0	12.2	1160.0	12.2	100.4
LL3-18	70	117637	2.9	12.7288	1.1	2.1350	1.9	0.1971	1.5	0.81	1159.7	16.0	1160.2	12.8	1161.1	21.4	1161.1	21.4	99.9
LL3-2	56	45454	1.4	12.6884	2.4	2.1729	3.0	0.2000	1.8	0.60	1175.1	19.4	1172.4	21.1	1167.4	48.3	1167.4	48.3	102.7
LL3-38	75	89510	1.2	12.6250	1.5	2.1686	1.9	0.1986	1.2	0.62	1167.6	12.8	1171.0	13.4	1177.4	30.0	1177.4	30.0	99.2
LL3-40 LL3-11	44 81	36000	1.3	12.5955	3.2	2.1780	3.4	0.1990	1.1	0.34	1169.7	12.2	1174.0	23.6	1182.0	63.1 21.7	1182.0	63.1 21.7	99.0 100 8
LL3-95	32	40604	0.6	12.5800	7.3	2.1087	7.5	0.1924	1.6	0.22	1134.3	17.1	1151.7	51.7	1184.4	144.7	1184.4	144.7	95.8
LL3-62	63	73501	2.9	12.5796	1.5	2.1680	1.9	0.1978	1.2	0.60	1163.5	12.3	1170.8	13.4	1184.5	30.6	1184.5	30.6	98.2
LL3-14 LL3-51	269	209433	1.9	12.3622	0.6	2.2341	2.2	0.2038	2.0	0.88	1214 6	22.0	1216 1	8.6 15.3	1218.8	11.4	1218.8	11.4	99.7
LL3-4	36	31293	2.7	12.3259	1.8	2.3643	2.4	0.2114	1.6	0.68	1236.0	18.4	1231.9	17.1	1224.6	34.4	1224.6	34.4	100.9
LL3-22	86	152835	0.9	12.2137	1.4	2.4168	1.9	0.2141	1.3	0.67	1250.6	14.6	1247.6	13.9	1242.5	28.3	1242.5	28.3	100.6
LL3-54	34 177	47514	1.4	11.9979	2.1	2.4702	2.5	0.2156	1.3	0.53	1309.6	22.4	1203.4	18.3	12/1.8	41.8	1271.8	41.8	96.9
LL3-97	209	235622	2.3	11.8431	0.3	2.5744	0.9	0.2211	0.9	0.93	1287.8	10.1	1293.4	6.8	1302.6	6.5	1302.6	6.5	98.9
LL3-27	162	210461	6.8	11.8188	0.4	2.7062	1.7	0.2320	1.6	0.96	1344.8	19.3	1330.2	12.3	1306.6	8.6	1306.6	8.6	102.9
LL3-13	59	65095	1.3	11.1252	1.3	3.0465	2.0	0.2270	1.5	0.00	1416.8	0.0	1419.3	0.1	1423.1	24.6	1423.1	24.6	99.6
LL3-47	166	449086	1.9	11.0195	0.3	3.1627	1.7	0.2528	1.6	0.98	1452.7	21.3	1448.1	12.9	1441.3	5.9	1441.3	5.9	100.8
LL3-82 113-46	112	89995	1.7	10.9536	0.7	3.2055	2.9	0.2547	2.8	0.97	1462.4	37.0	1458.5	22.5	1452.7	12.9 30 F	1452.7	12.9 30 F	100.7
LL3-29	65	233979	2.9	10.8465	1.0	3.2491	2.4	0.2550	1.8	0.67	1464.4	16.8	1460.4	14.8	1403.6	26.8	1455.6	26.8	99.2
LL3-73	194	162231	1.5	10.7852	0.8	3.2215	2.4	0.2520	2.3	0.95	1448.7	29.8	1462.3	18.8	1482.2	14.6	1482.2	14.6	97.7
LL3-94 LL3-53	326	122061	1.0	10.5134	1.1	3.4579	2.8	0.2637	2.6	0.92	1508.6	35.1	1517.7	22.3	1530.4	20.4	1530.4	20.4	98.6 98.0
LL3-33	33	27406	0.9	10.0026	1.9	3.9425	2.9	0.2860	2.3	0.77	1621.6	32.6	1622.4	23.9	1623.6	34.8	1623.6	34.8	99.9
LL3-32	116	221662	0.6	9.8781	0.4	4.0652	2.5	0.2912	2.4	0.98	1647.7	35.4	1647.3	20.2	1646.8	8.3	1646.8	8.3	100.1
LL3-74 LL3-30	82 56	111292	1.6	9.8593	0.8	4.1118	1.5	0.2940	1.3	0.86	1661.6	18.7	1656.6	12.2	1650.4	14.3	1650.4	14.3	100.7
LL3-88	35	54402	1.0	9.8183	1.5	4.0875	1.9	0.2911	1.1	0.60	1646.9	16.5	1651.8	15.4	1658.1	27.9	1658.1	27.9	99.3
LL3-67	106	267517	1.0	9.7443	0.6	4.2522	2.3	0.3005	2.2	0.97	1693.9	32.7	1684.2	18.7	1672.1	11.0	1672.1	11.0	101.3
LL3-96 LL3-63	146	510156	1.6	9.6466	0.4	4.2736	2.3	0.2990	2.2	0.98	1686.3 1748 P	33.1	1688.3	18.6	1690.7	7.4	1690.7	7.4	99.7
LL3-59	76	94355	0.4	8.9136	0.5	5.0297	1.3	0.3252	1.2	0.93	1814.9	19.3	1824.3	11.1	1835.1	8.6	1835.1	8.6	98.9
LL3-50	49	138802	0.6	8.8426	1.0	5.1774	1.2	0.3320	0.7	0.55	1848.3	10.5	1848.9	10.2	1849.6	18.1	1849.6	18.1	99.9
LL3-39 LL3-1	59	84050	1.0	8.8253	0.8	5.2857	1.2	0.3383	0.9	0.73	1878.6 2601.0	14.7	1866.6 2632 9	10.5	1853.2	15.2 144 4	1853.2	15.2 144 4	101.4 97 Q
LL3-79	51	163685	0.8	5.4675	0.5	13.0607	1.6	0.5179	1.5	0.94	2690.3	32.7	2684.0	14.9	2679.3	8.6	2679.3	8.6	100.4
LL3-8	83	421204	1.0	5.4073	0.5	13.3263	1.0	0.5226	0.8	0.87	2710.3	18.3	2703.0	9.0	2697.6	7.7	2697.6	7.7	100.5
LL3-8/	79	338604	1.4	5.3938	0.3	12.6766	2.3	0.4959	2.3	0.99	2596.2	49.6	2655.9	22.0	2701.8	4.7	2701.8	4.7	96.1

LL4 (1AA/02-13-086-07W4/00)

						Isotope R	atios					Appa	arent Ages					1	
Analysis	U	206Pb	U/Th	206Pb*	±	207Pb*	±	206Pb*	±	error	206Pb*	±	207Pb*	±	206Pb*	±	Best age	±	Conc
	(ppm)	204Pb		207Pb*	(%)	235U*	(%)	238U	(%)	corr.	238U*	(Ma)	235U	(Ma)	207Pb*	(Ma)	(Ma)	(Ma)	(%)
LL4 - 1	63	62301	2.2	12,9540	2.5	1,9757	7.0	0.1856	6.5	0.93	1097.6	65.8	1107.2	47.2	1126.3	50.5	1126.3	3 50.5	97.5
114-2	67	117642	1.3	13 3838	2.0	1.8311	3.2	0 1777	2.5	0.78	1054.6	24.1	1056.7	20.9	1060.9	40.5	1060 9	40.5	99.4
114-3	109	71952	1.5	11 7074	0.7	2 6822	17	0 2277	1.6	0.91	1322.7	18.7	1323.6	12.7	1325.0	13.6	1325 (13.6	99.8
	100	100377	1.5	10.1505	1.1	1 9551	1.7	0.1770	1.0	0.01	1050.4	14.5	1065.0	12.7	1005.0	21.4	1005.0	0 01 4	05.0
	110	70012	2.0	12 2692	1.1	1 9016	1.0	0.1770	1.0	0.01	1030.4	14.0	1046.0	12.1	1053.5	21.4	1063.3	21.4	95.0
	21	24000	2.4	13.3002	1.2	1 7026	1.7	0.1747	1.2	0.00	1040.2	10.7	1040.0	21.2	1040.3	23.0	1040.0	20.0	00.1
	00	24000	0.0	13.4019	4.7	1.7930	4.0	0.1751	1.1	0.23	1040.2	10.7	1043.1	31.3	1049.2	94.1 21.6	1049.2	2 94.1	99.1
	00	56904	2.9	13.9139	1.0	1.0900	2.0	0.1714	1.9	0.78	1020.0	F1 0	1152.6	10.9	902.0	31.0	902.0	31.0	103.9
LL4-8	81	55032	1.6	12.8481	1.3	2.1146	5.0	0.1970	4.8	0.97	1159.4	51.2	1153.6	34.5	1142.6	25.9	1142.6	25.9	101.5
LL4-9	59	36698	1.7	13.0651	2.3	1.9965	2.8	0.1892	1.6	0.59	1117.0	16.9	1114.3	19.0	1109.2	45.6	1109.2	45.6	100.7
LL4-10	76	76186	1.9	9.8628	0.7	4.0442	2.0	0.2893	1.9	0.94	1638.0	27.9	1643.1	16.6	1649.7	12.4	1649.7	12.4	99.3
LL4-11	165	154970	2.1	9.8017	0.6	4.0617	1.6	0.2887	1.5	0.93	1635.2	21.0	1646.7	12.7	1661.2	10.4	1661.2	2 10.4	98.4
LL4-12	264	109281	2.0	17.7866	2.8	0.5175	3.3	0.0668	1.8	0.53	416.6	7.2	423.5	11.6	461.1	62.7	416.6	5 7.2	90.3
LL4-13	41	22734	1.5	13.8882	4.1	1.7249	4.5	0.1737	2.0	0.44	1032.7	18.7	1017.8	29.0	986.0	82.6	986.0	82.6	104.7
LL4-14	157	55683	1.1	17.0926	2.0	0.7121	2.5	0.0883	1.5	0.59	545.3	7.9	546.0	10.7	548.7	44.8	545.3	3 7.9	99.4
LL4-15	25	25618	0.8	13.2403	4.0	1.9140	4.4	0.1838	1.8	0.41	1087.7	18.0	1086.0	29.3	1082.6	80.3	1082.6	80.3	100.5
LL4-16	44	46081	1.6	11.8454	3.8	2.5809	4.2	0.2217	1.8	0.43	1291.0	21.3	1295.2	30.9	1302.3	74.1	1302.3	3 74.1	99.1
LL4-17	266	69899	1.1	17.5841	1.0	0.5894	1.8	0.0752	1.5	0.85	467.2	7.0	470.5	6.8	486.5	21.0	467.2	2 7.0	96.0
LL4-18	122	95807	1.4	13.6213	1.5	1.7745	2.8	0.1753	2.3	0.84	1041.3	22.6	1036.2	18.1	1025.4	30.6	1025.4	1 30.6	101.5
LL4-19	181	110583	1.0	18,1493	2.2	0.5550	2.4	0.0731	1.0	0.41	454.5	4.3	448.2	8.8	416.2	49.6	454.5	4.3	109.2
114-20	70	45809	23	12 8143	2.2	2.0663	27	0 1920	1.6	0.58	1132.4	16.5	1137 7	18.7	1147.8	44 1	1147 8	3 44 1	98.7
114-22	30	47618	2.0	0.6287	17	4 1948	2.1	0.2020	1.0	0.00	1656.2	25.1	1673.0	20.1	1694.1	32.1	1694 1	32.1	07.8
114 22	117	910202	2.4	4 7960	0.1	16 2227	1.5	0.5625	1.7	1.00	2991.0	22.6	2800.7	12.0	2907.4	2.2	2907/	1 2 2	00.4
LL4-23	55	100345	2.4	4.7000	0.1	0.2337	1.5	0.3033	1.4	0.65	1064.0	33.0	2090.7	13.3	2057.4	42.0	1054.5	42.0	39.4
LL4-24	55	109243	1.3	12.1403	2.2	2.4007	3.0	0.2167	1.9	0.65	1204.2	22.2	1260.6	21.4	1234.3	45.9	1204.0	43.9	100.0
LL4-25	44	82160	193.3	7.6632	0.9	6.6798	4.4	0.3713	4.3	0.98	2035.3	/5.6	2069.9	39.0	2104.6	15.4	2104.6	15.4	96.7
LL4-26	18	19467	1.2	12.7116	9.8	2.1753	10.2	0.2005	2.6	0.26	1178.3	28.5	11/3.2	70.8	1163.8	194.9	1163.8	3 194.9	101.2
LL4-2/	19	12831	1.4	13.1155	6.8	1.7350	7.2	0.1650	2.5	0.34	984.7	22.7	1021.6	46.5	1101.5	135.7	1101.5	135.7	89.4
LL4-28	100	123740	1.3	11.4205	1.2	2.8282	1.8	0.2343	1.3	0.74	1356.8	16.5	1363.1	13.6	1372.9	23.3	1372.9	23.3	98.8
LL4-29	17	24070	1.5	13.8746	9.8	1.6430	10.5	0.1653	3.8	0.36	986.3	34.6	986.9	66.5	988.0	200.0	988.0	200.0	99.8
LL4-30	41	22888	1.7	13.8134	3.9	1.7038	4.4	0.1707	2.0	0.46	1016.0	19.0	1010.0	28.2	997.0	79.6	997.0	79.6	101.9
LL4-31	535	119765	2.4	20.1182	2.0	0.1809	2.2	0.0264	0.9	0.39	167.9	1.4	168.8	3.4	181.3	47.6	167.9	1.4	NĀ
LL4-32	292	27819	1.2	20.3649	5.2	0.1789	5.4	0.0264	1.6	0.29	168.1	2.6	167.1	8.4	152.8	122.1	168.1	2.6	NA
LL4-33	103	148543	2.1	11.9943	1.2	2.5300	1.9	0.2201	1.4	0.77	1282.3	16.8	1280.7	13.8	1277.9	23.7	1277.9	23.7	100.3
LL4-34	87	101014	1.5	10.9544	0.8	3.2014	2.4	0.2543	2.3	0.94	1460.9	30.0	1457.5	18.9	1452.6	15.7	1452.6	5 15.7	100.6
LL4-35	78	41863	1.6	13.2397	1.9	1.8987	3.0	0.1823	2.4	0.79	1079.7	23.9	1080.6	20.2	1082.7	37.2	1082.7	37.2	99.7
LL4-36	71	84965	7.8	12.1570	1.0	2.3260	1.5	0.2051	1.1	0.73	1202.6	12.1	1220.3	10.8	1251.7	20.3	1251.7	20.3	96.1
114-38	36	38647	2.2	12.3968	3.5	2.3236	4.1	0.2089	2.0	0.50	1223.0	22.8	1219.5	28.9	1213.3	69.1	1213.3	69.1	100.8
LL4-39	90	225258	2.9	8.8060	0.6	5.2384	2.1	0.3346	2.0	0.96	1860.5	32.6	1858.9	18.0	1857.1	11.2	1857.1	11.2	100.2
114-41	28	17058	0.8	13 5836	3.1	1 7418	3.2	0.1716	1.0	0.32	1020.9	9.9	1024.1	20.9	1031.0	62.1	1031 (62 1	99.0
114-42	10	1/200	0.0	18 8560	15.0	0.5418	15.8	0.0741	4.8	0.30	460.8	21.2	/39.6	56.3	330.2	342.3	460.8	2 21 2	130.5
11442	400	240792	1.0	12 0502	10.0	2 0144	10.0	0.0741	9.0	0.00	1117.9	21.2	433.0	10.1	1125.5	77	1125.6	21.2	100.0
	403	240703	1.9	14 0367	0.4	1 5424	2.0	0.1693	2.0	0.33	052.7	20.5	047.5	13.1	025.4	20.7	025 /	20.7	35.5
LL4-44	103	74506	1.0	14.2307	1.5	1.5424	2.2	0.1593	1.0	0.74	952.7	14.5	947.5	13.7	935.4	30.7	935.4	1 30.7	101.0
LL4-45	211	65705	10.1	18.3139	2.3	0.4919	2.9	0.0653	1.7	0.59	408.0	0.0	406.2	9.7	396.0	52.5	408.0	0.0	103.0
LL4-46	88	132092	1.0	10.9696	1.0	3.3012	3.7	0.2626	3.6	0.96	1503.3	47.9	1481.3	28.9	1450.0	19.3	1450.0	19.3	103.7
LL4-47	103	190645	1.8	11.4595	0.8	2.8052	1.5	0.2331	1.2	0.83	1351.0	14.8	1356.9	10.9	1366.3	15.5	1366.3	3 15.5	98.9
LL4-48	65	34655	1.1	12.8167	1.9	2.1036	2.3	0.1955	1.4	0.59	1151.3	14.6	1150.0	16.0	1147.5	37.3	1147.5	5 37.3	100.3
LL4 - 49	74	67065	2.5	10.7258	1.5	3.2124	2.1	0.2499	1.5	0.72	1437.9	19.8	1460.2	16.6	1492.6	28.3	1492.6	3 28.3	96.3
LL4-50	51	73170	1.7	13.3409	2.4	1.8585	2.7	0.1798	1.3	0.46	1066.0	12.3	1066.5	17.8	1067.4	48.1	1067.4	48.1	99.9
LL4-51	55	83387	0.9	13.6052	2.8	1.7573	3.2	0.1734	1.6	0.49	1030.8	14.9	1029.9	20.8	1027.8	56.8	1027.8	56.8	100.3
LL4-52	105	63806	2.3	13.7017	1.5	1.7612	2.0	0.1750	1.4	0.70	1039.7	13.5	1031.3	13.1	1013.5	29.5	1013.5	5 29.5	102.6
LL4-53	67	60555	2.0	14.0008	1.4	1.5877	2.1	0.1612	1.6	0.75	963.5	14.1	965.4	13.0	969.6	28.1	969.6	6 28.1	99.4
LL4-54	52	87827	1.1	9.3579	1.5	4.6076	2.4	0.3127	1.9	0.78	1754.1	28.6	1750.6	19.9	1746.5	27.4	1746.5	5 27.4	100.4
LL4-55	28	31561	2.8	13.5839	5.9	1.8435	6.1	0.1816	1.6	0.26	1075.8	15.8	1061.1	40.0	1031.0	118.5	1031.0	0 118.5	104.4
LL4-56	81	28003	1.0	18.1370	3.8	0.5814	4.1	0.0765	1.5	0.36	475.1	6.8	465.4	15.2	417.7	84.8	475.1	6.8	113.7
114-57	26	21984	2.0	13.8863	7.8	1.7180	8.0	0.1730	1.8	0.22	1028.8	16.7	1015.3	51.7	986.3	160.0	986.3	3 160.0	104.3
LL4-58	78	76379	1.5	12,7730	1.2	2.1387	2.2	0.1981	1.9	0.85	1165.2	20.2	1161.4	15.5	1154.2	23.7	1154.2	23.7	101.0
114-59	359	380859	31	13 4036	0.2	1 8902	1.5	0 1837	1.5	0.99	1087.4	15.2	1077.6	10.2	1057.9	4 9	1057 9	4 9	102.8
114-60	23	1/968	12	13 0382	6.7	1 6644	7.5	0 1682	3.4	0.45	1002.5	31.4	995.0	47.8	978.7	137.3	978 7	137 3	102.4
114-61	100	61373	2.2	11 / 167	0.7	2 8280	5.3	0.1002	5.2	0.40	1356.3	64.2	1363.0	30.0	1373.5	17.1	1373 6	137.3	08.7
114.62	115	275134	2.2	5 4929	0.3	13 0484	0.0	0.5180	0.2	0.00	2604.4	10.0	2683.2	8.8	2674.7	4.1	2674 2	7 41	100.7
11462	72	273134	2.4	12 01/20	1.6	1 6227	0.5	0.5103	1.0	0.30	2034.4	16.0	2003.2	14.0	2014.1	9.1	2074.7	9.1	100.7
114.64	71	50535	2.1	12 7707	1.0	1.0337	2.4	0.1049	2.4	0.74	903.0	22.4	903.3	14.9	1002.0	32.2	1002.0	20.6	100.2
	11	41249	1.0	13.7197	2.0	1.07.34	0.1	0.1072	2.4	0.70	1024.9	12.4	990.J	17.0	1011.0	39.0	1011.0	46.0	39.0
LL4-00	82	41348	1.7	10.7124	2.3	1.7326	2.7	0.1723	1.4	0.52	1024.8	13.7	1020.7	17.2	1011.9	40.3	1011.9	40.3	101.3
LL4-00	45	2/893	0.8	13.3011	4.4	1.7414	0.6	0.1680	3.8	0.00	1001.0	30.4	1024.0	37.5	10/3.4	00.3	1073.4	40.3	93.3
LL4-0/	188	82///	2.9	17.9544	1.7	0.5436	3.6	0.0708	3.2	0.88	440.9	13.6	440.8	13.0	440.3	38.3	440.9	13.6	100.1
LL4-08	40	52310	1.4	9.8524	3.0	4.04/8	3.5	0.2892	1.8	0.51	1637.7	25.6	1643.9	28.4	1651.7	55.8	1651.7	55.8	99.2
LL4-09	106	592/9	1.8	12.9951	1.0	2.0309	1.8	0.1914	1.5	0.84	1129.0	15.4	1125.9	12.1	1120.0	19.1	1120.0	19.1	100.8
LL4-/U	88	28819	0.8	10.4702	3.8	0.81/6	4.1	0.0977	1.5	0.37	600.7	8.5	606.7	18.5	629.2	81.3	600.7	8.5	95.5
LL4-/1	/2	22/22	1.9	18.4448	9.2	0.4621	9.6	0.0618	2.5	0.27	386.6	9.5	385.7	30.7	380.0	207.6	386.6	9.5	NA
LL4-/3	131	4/811	3.2	13.1943	0.7	1.9342	1.6	0.1851	1.4	0.88	1094.7	13.8	1093.0	10.4	1089.5	14.7	1089.5	14.7	100.5
LL4-/5	71	53620	1.6	12.6810	2.1	2.1449	2.2	0.1973	0.9	0.39	1160.7	9.2	1163.4	15.5	1168.6	40.9	1168.6	40.9	99.3
LL4-76	80	/0128	1.6	14.2589	2.2	1.5052	2.7	0.1557	1.6	0.60	932.6	14.0	932.5	16.5	932.2	44.5	932.2	44.5	100.0
LL4-77	103	52397	4.0	12.6987	1.3	2.1379	2.0	0.1969	1.5	0.77	1158.7	16.0	1161.2	13.6	1165.8	24.9	1165.8	24.9	99.4
LL4-/8	88	43942	2.5	14.0048	1.5	1.5995	2.6	0.1625	2.1	0.81	970.5	18.8	970.0	16.0	969.0	30.5	969.0	30.5	100.2
LL4-/9	58	39105	1.1	17.5294	9.6	0.5966	9.7	0.0759	1.5	0.16	471.3	6.8	475.1	36.7	493.4	211.2	471.3	6.8	95.5
LL4-81	182	344059	0.6	10.7416	0.6	3.3483	1.1	0.2609	0.9	0.82	1494.2	11.7	1492.4	8.4	1489.8	11.7	1489.8	11.7	100.3
LL4-82	134	139921	2.7	12.8937	2.3	2.0921	2.6	0.1956	1.2	0.48	1151.8	12.9	1146.2	17.7	1135.5	45.2	1135.5	45.2	101.4
LL4-83	75	109933	0.9	9.9190	0.9	4.0478	2.1	0.2912	1.9	0.90	1647.5	27.0	1643.9	16.8	1639.2	16.8	1639.2	2 16.8	100.5
LL4-84	42	42619	0.9	12.4038	3.1	2.3227	3.5	0.2090	1.8	0.50	1223.2	19.6	1219.2	25.1	1212.2	60.5	1212.2	2 60.5	100.9
LL4-85	64	6394	2.3	9.5689	2.8	4.1483	3.6	0.2879	2.2	0.61	1631.0	31.6	1663.9	29.4	1705.6	52.4	1705.6	52.4	95.6
LL4-86	136	187400	2.7	13.6882	1.3	1.7435	1.8	0.1731	1.2	0.67	1029.1	11.3	1024.8	11.5	1015.5	26.6	1015.5	5 26.6	101.3
LL4-87	77	64504	2.2	12.0558	1.5	2.4683	2.2	0.2158	1.6	0.72	1259.7	18.0	1262.8	15.8	1268.0	29.6	1268.0	29.6	99.3
LL4-88	90	229528	0.9	5.4745	0.3	12.9045	1.3	0.5124	1.2	0.97	2666.8	26.9	2672.7	12.0	2677.2	5.3	2677.2	2 5.3	99.6
LL4-89	97	81128	1.1	8.9721	0.7	4.9691	1.4	0.3234	1.1	0.84	1806.1	18.0	1814.1	11.5	1823.3	13.5	1823.3	3 13.5	99.1
LL4-90	49	31664	0.5	13.1381	1.3	1.8430	2.3	0.1756	2.0	0.83	1043.0	18.9	1060.9	15.5	1098.1	25.9	1098.1	25.9	95.0
LL4 - 92	96	107227	1.2	12.4845	1.1	2.2838	3.1	0.2068	2.9	0.93	1211.7	31.5	1207.3	21.7	1199.4	22.2	1199.4	22.2	101.0
LL4-93	69	17164	1.2	19.0561	6.5	0.4975	6.9	0.0688	2.3	0.34	428.7	9.7	410.0	23.4	306.2	148.7	428.7	9,7	140.0
LL4-95	112	99007	1.4	13.1274	0.8	1.9172	2.0	0.1825	1.8	0.91	1080.8	18.3	1087 1	13.5	1099 7	16.6	1099	16.6	98.3
LL4-96	156	41011	0.0	17 7007	3.4	0.5595	4.2	0.0722	24	0.58	449 6	10.5	451.2	15.2	459 5	75.7	440 6	10.5	97.8
114-97	50	31662	17	13 8400	2.4	1 7110	3.2	0 1719	1.6	0.50	1022.2	15.6	1013.0	21 0	903.0	57 7	003 0	57 7	103.0
114-98	22	14458	14	13 2261	4.0	1 7764	4 0	0 1704	2.5	0.51	1014 3	23.4	1036.0	31.8	1084 7	84.5	1084	84.5	93.5
114-99	126	51808	3.1	13 7162	20	1 7077	2.6	0 1600	1.7	0.64	1011 5	15.6	1011.4	16.7	1011 3	41.0	10111	3 41 0	100.0
114-100	104	77704	0.1	13 3703	2.0	1.0077	2.0	0.1099	1.1	0.04	1011.0	10.0	1070.0	12.0	1062.0	32.0	1062.0	41.0	102.4
114-101	104	19765	2.4	18 6570	1.0	0.5710	1.9	0.1039	26	0.04	1000.1	10.0	1013.0	22.9	264.0	103.0	/002.8	2 12 4	135.4
114 102	45	24440	1.0	10.0070	0.0	3 4604	0.9	0.0773	2.0	0.29	400.2	20.0	459.0	10 7	1445.0	34.0	400.4	24.0	100.0
LL4-102	41	34149		13 3900	1.0	3.1021	2.4	0.2021	1.0	0.00	1449.4	20.0	1440.0	10./	1445.9	34.9	1445.	34.9	100.2
114 103	97	42000	1.4	10.2000	1.1	0.4005	2.0	0.1827	2.3	0.69	1001.0	22.0	10/9.9	10.8	10/0.5	∠3.U	1076.5	23.0	100.5
LL4-104	44	13020	1.9	10.1206	17.9	0.4935	18.1	0.0649	2.8	0.15	405.1	10.8	407.3	00.8	419.7	402.5	405.1	10.8	96.5
	36	11642	0.9	17.7261	19.3	0.5241	19.9	0.0674	4./	0.24	420.4	19.1	427.9	69.4	468.7	430.7	420.4	+ 19.1	89.7

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Analysis run on: Wednesday, Feb 27, 2013 @ 11:02:04 AM. Version: 1.0.

-	K-S P-value	s using erro	r in the CDF															
	CW-1	CW-2	CW-3	КЕ-1	KE-2	KE-3	КЕ - 4	LA-1	LA-2	LA-3	LA-4	LB-1	LB-2	LB-3	LB-4	LL-2	LL-3	LL-4
CW-1		0.764	0.458	0.038	0.274	0.249	0.318	0.000	0.697	0.847	0.216	0.202	0.270	0.860	0.033	0.897	0.085	0.051
CW-2	0.764		0.027	0.330	0.044	0.899	0.989	0.000	0.850	0.554	0.138	0.879	0.831	0.747	0.104	0.999	0.532	0.228
CW-3	0.458	0.027		0.001	0.315	0.003	0.010	0.000	0.058	0.198	0.924	0.010	0.003	0.432	0.000	0.096	0.002	0.001
KE-1	0.038	0.330	0.001		0.007	0.866	0.295	0.000	0.460	0.086	0.004	0.956	0.167	0.066	0.923	0.407	0.757	0.987
KE-2	0.274	0.044	0.315	0.007		0.025	0.019	0.004	0.158	0.174	0.769	0.016	0.003	0.310	0.000	0.161	0.001	0.001
KE-3	0.249	0.899	0.003	0.866	0.025		0.966	0.000	0.840	0.330	0.018	0.777	0.905	0.277	0.484	0.766	0.916	0.739
КП-4	0.318	0.989	0.010	0.295	0.019	0.966		0.000	0.976	0.488	0.058	0.387	0.999	0.419	0.194	0.961	0.734	0.436
LA-1	0.000	0.000	0.000	0.000	0.004	0.000	0.000		0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000
LA-2	0.697	0.850	0.058	0.460	0.158	0.840	0.976	0.000		0.478	0.051	0.231	0.722	0.742	0.261	0.945	0.418	0.368
LA-3	0.847	0.554	0.198	0.086	0.174	0.330	0.488	0.000	0.478		0.466	0.149	0.405	1.000	0.025	0.626	0.193	0.054
LA-4	0.216	0.138	0.924	0.004	0.769	0.018	0.058	0.001	0.051	0.466		0.016	0.015	0.290	0.001	0.141	0.006	0.003
LB-1	0.202	0.879	0.010	0.956	0.016	0.777	0.387	0.000	0.231	0.149	0.016		0.159	0.186	0.571	0.748	0.667	0.810
LB-2	0.270	0.831	0.003	0.167	0.003	0.905	0.999	0.000	0.722	0.405	0.015	0.159		0.239	0.218	0.581	0.805	0.440
LB-3	0.860	0.747	0.432	0.066	0.310	0.277	0.419	0.000	0.742	1.000	0.290	0.186	0.239		0.033	0.840	0.118	0.074
LB-4	0.033	0.104	0.000	0.923	0.000	0.484	0.194	0.000	0.261	0.025	0.001	0.571	0.218	0.033		0.180	0.903	1.000
LL-2	0.897	0.999	0.096	0.407	0.161	0.766	0.961	0.000	0.945	0.626	0.141	0.748	0.581	0.840	0.180		0.303	0.253
LL-3	0.085	0.532	0.002	0.757	0.001	0.916	0.734	0.000	0.418	0.193	0.006	0.667	0.805	0.118	0.903	0.303		1.000
LL-4	0.051	0.228	0.001	0.987	0.001	0.739	0.436	0.000	0.368	0.054	0.003	0.810	0.440	0.074	1.000	0.253	1.000	

	K-S P-values	s tor no errc	ŗ															
	CW-1	CW-2	CW-3	КЕ-1	KE-2	КП-3	КЕ-4	LA-1	LA-2	LA-3	LA-4	LB-1	LB-2	LB-3	LB-4	LL-2	LL-3	LL-4
CW-1		0.544	0.363	0.023	0.179	0.138	0.242	0.000	0.507	0.749	0.039	0.075	0.187	0.848	0.011	0.754	0.038	0.018
CW-2	0.544		0.018	0.189	0.028	0.565	0.877	0.000	0.465	0.401	0.056	0.717	0.695	0.532	0.031	0.846	0.241	0.091
CW-3	0.363	0.018		0.000	0.315	0.002	0.006	0.000	0.043	0.145	0.454	0.005	0.002	0.339	0.000	0.063	0.001	0.000
KE-1	0.023	0.189	0.000		0.001	0.698	0.155	0.000	0.342	0.025	0.001	0.630	0.104	0.013	0.675	0.138	0.599	0.740
KE-2	0.179	0.028	0.315	0.001		0.010	0.011	0.002	0.034	0.136	0.597	0.012	0.002	0.274	0.000	0.061	0.001	0.000
KE-3	0.138	0.565	0.002	0.698	0.010		0.450	0.000	0.698	0.183	0.006	0.778	0.669	0.082	0.165	0.608	0.851	0.405
КЕ-4	0.242	0.877	0.006	0.155	0.011	0.450		0.000	0.591	0.279	0.031	0.150	0.959	0.198	0.043	0.748	0.451	0.070
LA-1	0.000	0.000	0.000	0.000	0.002	0.000	0.000		0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000
LA-2	0.507	0.465	0.043	0.342	0.034	0.698	0.591	0.000		0.123	0.017	0.157	0.691	0.454	0.192	0.941	0.406	0.323
LA-3	0.749	0.401	0.145	0.025	0.136	0.183	0.279	0.000	0.123		0.348	0.075	0.302	0.895	0.004	0.328	0.054	0.017
LA-4	0.039	0.056	0.454	0.001	0.597	0.006	0.031	0.001	0.017	0.348		0.005	0.007	0.046	0.000	0.016	0.002	0.001
LB-1	0.075	0.717	0.005	0.630	0.012	0.778	0.150	0.000	0.157	0.075	0.005		0.129	0.139	0.277	0.643	0.567	0.375
LB-2	0.187	0.695	0.002	0.104	0.002	0.669	0.959	0.000	0.691	0.302	0.007	0.129		0.194	0.080	0.565	0.494	0.176
LB-3	0.848	0.532	0.339	0.013	0.274	0.082	0.198	0.000	0.454	0.895	0.046	0.139	0.194		0.005	0.641	0.062	0.006
LB-4	0.011	0.031	0.000	0.675	0.000	0.165	0.043	0.000	0.192	0.004	0.000	0.277	0.080	0.005		0.097	0.677	0.893
LL-2	0.754	0.846	0.063	0.138	0.061	0.608	0.748	0.000	0.941	0.328	0.016	0.643	0.565	0.641	0.097		0.263	0.174
LL-3	0.038	0.241	0.001	0.599	0.001	0.851	0.451	0.000	0.406	0.054	0.002	0.567	0.494	0.062	0.677	0.263		0.767
LL-4	0.018	0.091	0.000	0.740	0.000	0.405	0.070	0.000	0.323	0.017	0.001	0.375	0.176	0.006	0.893	0.174	0.767	
	2		:															
	Average K-S	P-values u	sing Monte-(Carlo														
	CW-1	CW-2	CW-3	КП-1	KE-2	KE-3	ХП-4	LA-1	LA-2	LA-3	LA-4	LB-1	LB-2	LB-3	LB-4	LL-2	LL-3	LL-4
CW-1		0.535	0.313	0.027	0.217	0.147	0.214	0.000	0.476	0.731	0.104	0.157	0.176	0.809	0.015	0.730	0.058	0.030
CW-2	0.535		0.017	0.154	0.033	0.572	0.774	0.000	0.559	0.413	0.058	0.549	0.652	0.519	0.045	0.802	0.256	0.124
CW-3	0.313	0.017		0.000	0.315	0.002	0.005	0.000	0.035	0.148	0.650	0.005	0.002	0.317	0.000	0.055	0.001	0.000
KE-1	0.027	0.154	0.000		0.002	0.542	0.187	0.000	0.368	0.033	0.001	0.614	0.106	0.034	0.759	0.245	0.578	0.869
KE-2	0.217	0.033	0.315	0.002		0.015	0.014	0.003	0.066	0.147	0.655	0.012	0.003	0.251	0.000	0.086	0.001	0.000
KE-3	0.147	0.572	0.002	0.542	0.015		0.679	0.000	0.738	0.183	0.007	0.662	0.617	0.144	0.281	0.568	0.780	0.494
КП-4	0.214	0.774	0.005	0.187	0.014	0.679		0.000	0.730	0.275		0.244	0.852	0.233	0.098	0.703	0.422	0.247
LA-1	0.000	0.000	0.000	0.000	0.003	0.000	0.000		0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000
LA-2	0.476	0.559	0.035	0.368	0.066	0.738	0.730	0.000		0.287	0.022	0.204	0.615	0.467	0.205	0.887	0.399	0.296

LL-4	0.030	0.124	0.000	0.869	0.000	0.494	0.247	0.000	0.296	0.027	0.001	0.513	0.188	0.030	0.787	0.195	0.820	
LL-3	0.058	0.256	0.001	0.578	0.001	0.780	0.422	0.000	0.399	0.076	0.002	0.546	0.372	0.065	0.555	0.282		0.820
LL-2	0.730	0.802	0.055	0.245	0.086	0.568	0.703	0.000	0.887	0.443	0.050	0.582	0.508	0.641	0.109		0.282	0 195
LB-4	0.015	0.045	0.000	0.759	0.000	0.281	0.098	0.000	0.205	0.009	0.000	0.311	0.073	0.014		0.109	0.555	0 787
LB-3	0.809	0.519	0.317	0.034	0.251	0.144	0.233	0.000	0.467	0.895	0.156	0.122	0.149		0.014	0.641	0.065	0.030
LB-2	0.176	0.652	0.002	0.106	0.003	0.617	0.852	0.000	0.615	0.307	0.009	0.115		0.149	0.073	0.508	0.372	0.188
LB-1	0.157	0.549	0.005	0.614	0.012	0.662	0.244	0.000	0.204	0.104	0.007		0.115	0.122	0.311	0.582	0.546	0.513
LA-4	0.104	0.058	0.650	0.001	0.655	0.007		0.001	0.022	0.303		0.007	0.009	0.156	0.000	0.050	0.002	0 001
LA-3	0.731	0.413	0.148	0.033	0.147	0.183	0.275	0.000	0.287		0.303	0.104	0.307	0.895	0.009	0.443	0.076	0.027
LA-2	0.476	0.559	0.035	0.368	0.066	0.738	0.730	0.000		0.287	0.022	0.204	0.615	0.467	0.205	0.887	0.399	0 296
LA-1	0.000	0.000	0.000	0.000	0.003	0.000	0.000		0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0 000
КП-4	0.214	0.774	0.005	0.187	0.014	0.679		0.000	0.730	0.275		0.244	0.852	0.233	0.098	0.703	0.422	0.247
КП-3	0.147	0.572	0.002	0.542	0.015		0.679	0.000	0.738	0.183	0.007	0.662	0.617	0.144	0.281	0.568	0.780	0 494
KE-2	0.217	0.033	0.315	0.002		0.015	0.014	0.003	0.066	0.147	0.655	0.012	0.003	0.251	0.000	0.086	0.001	0000
КП-1	0.027	0.154	0.000		0.002	0.542	0.187	0.000	0.368	0.033	0.001	0.614	0.106	0.034	0.759	0.245	0.578	0 869
CW-3	0.313	0.017		0.000	0.315	0.002	0.005	0.000	0.035	0.148	0.650	0.005	0.002	0.317	0.000	0.055	0.001	0000
CW-2	0.535		0.017	0.154	0.033	0.572	0.774	0.000	0.559	0.413	0.058	0.549	0.652	0.519	0.045	0.802	0.256	0.124
CW-1		0.535	0.313	0.027	0.217	0.147	0.214	0.000	0.476	0.731	0.104	0.157	0.176	0.809	0.015	0.730	0.058	0.030
	CW-1	CW-2	CW-3	Ê-1	(E-2	С-3 С-3	1 1 4	.A-1	A-2	.A-3	A-4	.B-1	.B-2	.B-3	8- 4	-L-2	L-3	4

0.085 0.203 0.081 0.177 0.095 0.173 0.053 0.114 0.127 0.308 0.179 0.267	0.143 0.089 0.265	0.150 0.082 0.235	0.150 0.164 0.080 0.256 0.094	0.087 0.112 0.157	0.101 0.087 0.195	0.365 0.423 0.305	0.139 0.064 0.243	0.145 0.081	0.139 0.192		0.200	0.124 0.200	0.093 0.124 0.200 0
0.095 0.173 0.053 0.114 0.127 0.308 0.179 0.267	0.089 0.265	0.082 0.235	0.164 0.080 0.256 0.094	0.112 0.157	0.087 0.195	0.423	064 243	0.0	0.081 0.0	0.192 0.081 0.0			
0.127 0.308 0.179 0.267	0.265	0.235	0.080 0.256 0.094	0.157	0.195	205 0					0.135 0.192 0.081 0.064	U.Z1Z U.135 U.19Z U.081 0.064	U.04 U.04 U.04 U.04 U.04
			0.256 0.094		,,,,,	000.0		0.243	0.268 0.243	0.139 0.268 0.243	0.289 0.139 0.268 0.243	0.289 0.139 0.268 0.243	0.212 0.289 0.139 0.268 0.243
0.186 0.079 0.127 0.096	0.161	0.073	0.094	0.180	0.123	0.459		0.144	0.087 0.144	0.239 0.087 0.144	0.239 0.087 0.144	0.289 0.239 0.087 0.144	0.135 0.289 0.239 0.087 0.144
0.135 0.304 0.157 0.279	0.255	0.217		0.156	0.160	0.247		0.220	0.210 0.220	0.210 0.220	0.239 0.220	0.139 0.239 0.210 0.220	0.192 0.139 0.239 0.220
0.142 0.121 0.095 0.080	0.082	0.094	0.221	0.137	0.089	0.428		0.073	0.073	0.210	0.087 0.210 0.073	0.268 0.087 0.210 0.073	0.081 0.268 0.087 0.210 0.073
0.128 0.159 0.0/3 0.100	0.053	0.131	0.195 0.074	0.123	0.00	0.443		0110	0.0/3	0.220 0.0/3	0.144 0.220 0.073	0.243 0.144 0.220 0.073	0.064 0.243 0.144 0.220 0.073
0.300 0.312 0.331 0.434	0.400	0.478	1770	0.000	0.530			0.440	0.420 0.443	0.24/ 0.420 0.443	0.459 0.247 0.420 0.440	0.500 0.400 0.400 0.241 0.420 0.445	
0.09/ 0.146 0.075 0.126	0.100	0.147	0.195	121.0		0.390		1.70.0	0.009	0.160 0.089 0.071	0.123 0.160 0.089 0.071	1.195 0.125 0.160 0.089	0.08/ 0.195 0.123 0.160 0.089
0.049 0.213 0.107 0.154	0.129	0.161	0.122	Í	1.21.0	0.385		0.123	0.13/ 0.123	0.120 0.137 0.123	0.180 0.123 0.123	21.0 751.0 061.0 081.0 761.0	0.127 0.127 0.120 0.120 0.127
0.140 0.280 0.164 0.245	0.225	0.220		0.122	0.195	0.271		0.195	0.221 0.195	0.094 0.221 0.195	0.256 0.094 0.221 0.195	0.080 0.256 0.094 0.221 0.195	0.164 0.080 0.256 0.094 0.221 0.195
0.153 0.111 0.095 0.102	0.160		0.220	0.161	0.147	0.429		0.131	0.094 0.131	0.217 0.094 0.131	0.073 0.217 0.094 0.131	0.235 0.073 0.217 0.094 0.131	0.082 0.235 0.073 0.217 0.094 0.131
0.148 0.152 0.111 0.092		0.160	0.225	0.129	0.100	0.468		0.053	0.082 0.053	0.255 0.082 0.053	0.161 0.255 0.082 0.053	0.265 0.161 0.255 0.082 0.053	0.089 0.265 0.161 0.255 0.082 0.053
0.205 0.087 0.169	0.148	0.153	0.140	0.049	0.097	0.368	ω	0.12	0.142 0.12	0.135 0.142 0.12	0.186 0.135 0.142 0.12	0.127 0.186 0.135 0.142 0.12	0.095 0.127 0.186 0.135 0.142 0.12
0 205 0 156 0 081	0 152	0 111	0.280	0.213	0 146	0512	σ	0.15	0 121 0 15	0304 0121 015	0.079 0.304 0.121 0.15	0.308 0.079 0.304 0.121 0.15	0.173 0.308 0.079 0.304 0.121 0.15
0.087 0.156 0.137	0 111	0 095	0 164	0 107	0.075	0 391	ć	000	0 0 2000	0 157 0 095 0 07	0127 0157 0065 007	0179 0127 0157 005 00	
0 160 0 001 0 137		0100	370 0	101	301.0	101 0	Ę	Ċ	10000				
0.100 0.101 0.101 0.047	100.0	00000		0.00	0.100								
	071.0	0000	007.0	10.102	0.10	0000	J	5					
1 1 1 1 2 1 2 1 2 1 2 1 2 1 2 1 2 1 2 1	с <u>а</u> -	-	1 4 4	c v 1	C V I	1 4 1	-	K L	אב מאבי	КП О КП О КП О	КП - КПО - КПО - КПО	CW3 KE1 KE3 KE3 KE	CMO CMO RE1 RED RED RE
			ţ	2		ζ							
0.086 0.229 0.095 0.199	0.155	0.179	0.199	0.096	0.117	0.380	49	0.1	0.165 0.1	0.153 0.165 0.1	0.212 0.153 0.165 0.1	0.133 0.212 0.153 0.165 0.1	0.112 0.133 0.212 0.153 0.165 0.1
0.113 0.205 0.086 0.145	0.101	0.097	0.189	0.127	0.121	0.430	85	0.0	0.112 0.0	0.204 0.112 0.0	0.154 0.204 0.112 0.0	0.221 0.154 0.204 0.112 0.0	0.221 0.154 0.204 0.112 0.0
0.137 0.327 0.190 0.279	0.277	0.249	0.126	0.168	0.203	0.331	33	0.25	0.277 0.25	0.139 0.277 0.25	0.306 0.139 0.277 0.25	0.306 0.139 0.277 0.25	0.221 0.306 0.139 0.277 0.25
0.227 0.104 0.165 0.110	0.176	0.106	0.286	0.213	0.135	0.482	90	0.16	0.102 0.16	0.275 0.102 0.16	0.275 0.102 0.16	0.306 0.275 0.102 0.16	0.154 0.306 0.275 0.102 0.16
0.140 0.307 0.185 0.278	0 264	0 223	0 109	0 164	0 203	0 265	ć	0.02	0.232 0.23	0.232 0.23	0.275 0.22 0.23	0 130 0 275 0 23	0.204 0.130 0.275 0.23
	1010	10000	00000		00700	007.0	1 (
	0.100	100.0	012.0	0.1.0	0.102	0110		0.14	0.12	0.232	0.102 0.232 0.12	0.271 0.102 0.232 0.12	0.112 0.277 0.102 0.232 0.12
0.157 0.204 0.099 0.126	6/0.0	0.165	0.212	0.146	0.114	0.452	ľ		0.127	0.233 0.127	0.166 0.233 0.12/	0.253 0.166 0.233 0.127	0.085 0.253 0.166 0.233 0.127
0.386 0.513 0.398 0.495	0.470	0.430	0.287	0.390	0.409		N	0.45	0.438 0.45	0.265 0.438 0.45	0.482 0.265 0.438 0.45	0.331 0.482 0.265 0.438 0.45	0.430 0.331 0.482 0.265 0.438 0.45
0.123 0.156 0.076 0.128	0.103	0.160	0.222	0.170		0.409	4	0.11	0.102 0.11	0.203 0.102 0.11	0.135 0.203 0.102 0.11	0.203 0.135 0.203 0.102 0.11	0.121 0.203 0.135 0.203 0.102 0.11
0.082 0.253 0.135 0.192	0.140	0.181	0.134		0.170	0.390	Ģ	0.14	0.158 0.14	0.164 0.158 0.14	0.213 0.164 0.158 0.14	0.168 0.213 0.164 0.158 0.14	0.127 0.168 0.213 0.164 0.158 0.14
0.196 0.324 0.221 0.269	0.243	0.246		0.134	0.222	0.287	2	0.21	0.246 0.21	0.109 0.246 0.21	0.286 0.109 0.246 0.21	0.126 0.286 0.109 0.246 0.21	0.189 0.126 0.286 0.109 0.246 0.21
0.162 0.141 0.104 0.111	0.167		0.246	0.181	0.160	0.430	ŝ	0.16	0.094 0.16	0.223 0.094 0.16	0.106 0.223 0.094 0.16	0.249 0.106 0.223 0.094 0.16	0.097 0.249 0.106 0.223 0.094 0.16
0.466 0.404 0.440 0.440		7310	0100	0110	0100	024.0	14		2010				
0.133 0.104 0.113 0.119	u u v	0.107	0.420	0.140	0.103	0.470							0.101 0.277 0.170 0.204 0.100 0.4 0.100 0.101 0.001 0.100 0.101 0
0.248 0.105 0.187	0.155	0.162	0.196	0.082	0.123	0.386	15/	Ö	0.181 0.	0.140 0.181 0.	0.227 0.140 0.181 0.	0.13/ 0.22/ 0.140 0.181 0.	0.113 0.13/ 0.22/ 0.140 0.181 0.
0.248 0.103	0.184	0.141	0.324	0.253	0.156	0.513	204	Ö	0.162 0.	0.307 0.162 0.	0.104 0.307 0.162 0.	0.327 0.104 0.307 0.162 0.	0.205 0.327 0.104 0.307 0.162 0.
0.105 0.175 0.142	0.113	0.104	0.221	0.135	0.076	0.398	660	Ö	0.109 0.	0.185 0.109 0.	0.165 0.185 0.109 0.	0.190 0.165 0.185 0.109 0.	0.086 0.190 0.165 0.185 0.109 0.
0.187 0.103 0.142	0.119	0.111	0.269	0.192	0.128	0.495	.126	0	0.088 0.	0.278 0.088 0.	0.110 0.278 0.088 0	0.279 0.110 0.278 0.088 0	0.145 0.279 0.110 0.278 0.088 0
0.244 0.083 0.157 0.095	0.159	0.129	0.285	0.221	0.137	0.515	.190	0	0.128 0	0.304 0.128 0	0.098 0.304 0.128 0	0.303 0.098 0.304 0.128 0	0.175 0.303 0.098 0.304 0.128 0
										0	Monte-Carlo	lues using Monte-Carlo	/s. of P-values using Monte-Carlo
LB-3 LB-4 LL-2 LL-3	LB-2	LB-1	L A-4	LA-3	LA-2	LA-1	KE-4		КЕ-3	KE-2 KE-3	KE-1 KE-2 KE-3	CW-3 KE-1 KE-2 KE-3	CW-2 CW-3 KE-1 KE-2 KE-3
	0.007	0.120	0.120	0.160	0.212		0 117		0 101	0 001	0 0 0 0 0 101	0 1 1 1 0 0 0 0 0 0 1 0 1 0 1 0 1 0 1 0	
0.100 0.100 0.010 0.210 0.000 0.253 0.081 0.358 0.366	0.03/	0.362	0.057	0.205	0.383	0.000	0.335		0.353	0.045 0.353	0.020 0.001 0.001	0.144 0.020 0.001 0.101	
	00000	10000	0.00		00000	00000	D 0000		00000				
0.1/0 0.000 0.038 0.001	0.002	0000	0.412	0.077	620.0	0.000	0.000		0.002	0.000			
0.042 0.316 0.212 0.310	0.103	0.412	0.002	0.053	0.165	0.000	0.202		0.333	0.003 0.333	0.003 0.333	0.001 0.333	0.195 0.001 0.003 0.333
0.086 0.000 0.055 0.000	0.002	0.007	0.210	0.067	0.063	0.003	0.007		0.012	0.012	0.003 0.012	0.000 0.003 0.012	0.015 0.000 0.003 0.012
0.116 0.304 0.236 0.273	0 326	0 230	0,009	0 178	0 174	0000	0 454			0.012	0 333 0 012	0.002 0.333 0.012	0353 0002 0333 0012
	040.0	007.0	0000			00000	5						
0.1/3 0.103 0.303 0.44Z	0.289	0.200		C8Z.U	0.375	0.000			0.454	0.001	U.2UZ U.UU/ U.454	0.000 U.UU V.454	464.0 /00.0 ZUZ.U 600.0 655.0
0.000 0.000 0.000 0.000	0.000	0.000	0.001	0.000	0.000		000	0	0.000	0.003 0.000 0	0.000 0.003 0.000 0	0.000 0.000 0.003 0.000 0	0.000 0.000 0.000 0.003 0.000 0
0.325 0.114 0.195 0.063	0.250	0.054	0.037	0.269		0.000	.375	0	0.174 0	0.063 0.174 0	0.165 0.063 0.174 0	0.029 0.165 0.063 0.174 0	0.383 0.029 0.165 0.063 0.174 0
0.234 0.019 0.253 0.103	0 187	0 067	0 195		0 269	0000	285		0 178 0	0.067 0.178 0	0.053 0.067 0.178 0	0.077 0.053 0.067 0.178 0	0.205 0.077 0.053 0.067 0.178 0
	0.000	0000	0.1.00	107.0		0000	207		0.1.0				
0.219 0.000 0.017 0.003	0.010	0.009		0.195	0.037	100.0			0.009	0.210 0.009	0.002 0.210 0.009	0.412 0.002 0.210 0.009	0.00 0.210 0.000 2000 0.000
0.077 0.333 0.242 0.189	0.084		0.009	0.067	0.054	0.000	90	0.2	0.239 0.2	0.007 0.239 0.2	0.412 0.007 0.239 0.2	0.006 0.412 0.007 0.239 0.2	0.362 0.006 0.412 0.007 0.239 0.2
0.002 0.106 0.152 0.361		0.084	0.010	0 187	0.250	0000	σ	8C U	0 326 0 28	0.002 0.326 0.28	0 103 0 000 0 326 0 28	0.002 0.103 0.102 0.326 0.38	
1000 201.0 001.0 200.0	0000		0.0.0	0.10/	0.2.0	0.000		0.40					
0.019 0.272 0.048	0.092	0.077	0.219	0.234	0.325	0.000	ო	0.17	0.116 0.17	0.086 0.116 0.17	0.042 0.086 0.116 0.17	0.170 0.042 0.086 0.116 0.17	0.253 0.170 0.042 0.086 0.116 0.17
0.019 0.094 0.410	0 106	0 333	000 0	0.019	0 114	0000	c	0.16	0.304 0.16	0.000 0.304 0.16	0.316 0.000 0.304 0.16	0.000 0.316 0.000 0.304 0.16	0.081 0.000 0.316 0.000 0.304 0.16
		0.00		0.0.0		00000							
0.272 0.094 0.06/	ZGL'0	0.242	110.0	562.0	0.195	0.000	ŋ	0.30	0.236 0.30	0.5.0 052.0 ccu.u	05.0 052.0 cc0.0 Z1Z.0	U.S.U 052.U 050.U 212.U 050.U	0.5.0 052.0 050.0 212.0 850.0 052.0
0.048 0.410 0.087	0.361	0.189	0.003	0.103	0.063	0.000	N	0.44	0.273 0.44	0.000 0.273 0.44	0.310 0.000 0.273 0.44	0.001 0.310 0.000 0.273 0.44	0.266 0.001 0.310 0.000 0.273 0.44
0.034 0.396 0.099 0.342	0 224	0.375	0 00 0	0 049	0 111	0000	.	0.32	0.398 0.32	0 000 0 398 0 32	0.240 0.000 0.398 0.32	0.000 0.240 0.000 0.398 0.32	0 175 0 000 0 240 0 000 0 398 0 32
U.U.34 U.J30 U.U39 U.J42	0.ZZ4	0.3/3	0.00	0.048		0.000		1.70.0	0.030	0.000	0.240 0.000 0.330	0.000 0.240 0.000	1/VII VARIA 000.0 047.0 000.0 67.0