Data Repository Item H - U/Pb analytical results from zircons from sandstones and an igneous clast

						Isotope ratios							Apparent ages (Ma)						
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)	(%)
Sample JT1 (sandstone)																			
JT1-49	554	13257	2.1	21.5340	15.5	0.0923	15.9	0.0144	3.2	0.20	92.3	2.9	89.7	13.6	20.4	374.9	92.3	2.9	NA
JT1-38	582	23238	2.1	20.8970	6.7	0.0960	7.1	0.0145	2.4	0.34	93.1	2.3	93.0	6.3	92.1	158.0	93.1	2.3	NA
JT1-18	1108	31429	2.2	20.9254	6.8	0.0973	7.0	0.0148	1.8	0.26	94.5	1.7	94.3	6.3	88.8	161.3	94.5	1.7	NA
JT1-91	551	26106	1.8	20.5936	6.7	0.0991	7.0	0.0148	2.1	0.30	94.7	2.0	95.9	6.4	126.6	156.8	94.7	2.0	NA
JT1-11	573	12931	2.0	20.1278	8.6	0.1015	9.0	0.0148	2.9	0.32	94.8	2.7	98.2	8.5	180.1	200.2	94.8	2.7	NA
JT1-21	881	31956	1.2	21.1581	5.8	0.0972	6.0	0.0149	1.4	0.24	95.5	1.4	94.2	5.4	62.5	138.6	95.5	1.4	NA
JT1-44	826	24137	2.2	20.0905	5.5	0.1026	5.7	0.0150	1.3	0.22	95.7	1.2	99.2	5.4	184.5	128.9	95.7	1.2	NA
JT1-42	159	4194	1.9	25.8214	40.5	0.0800	40.9	0.0150	5.6	0.14	95.8	5.3	78.1	30.8	-435.1	1103.0	95.8	5.3	NA
JT1-83	394	12888	2.6	23.1679	14.3	0.0892	14.8	0.0150	3.8	0.25	95.9	3.6	86.7	12.3	-158.2	357.0	95.9	3.6	NA
JT1-35	373	10101	2.2	22.5869	7.7	0.0915	7.9	0.0150	1.4	0.18	95.9	1.4	88.9	6.7	-95.4	190.3	95.9	1.4	NA
JT1-95	246	7933	3.1	18.6165	17.7	0.1110	17.8	0.0150	2.3	0.13	95.9	2.2	106.9	18.1	359.1	401.6	95.9	2.2	NA
JT1-34	462	12283	1.5	20.7952	4.8	0.0994	5.3	0.0150	2.1	0.39	95.9	2.0	96.2	4.8	103.6	114.6	95.9	2.0	NA
JT1-6	446	17374	1.6	22.7883	13.2	0.0909	13.5	0.0150	3.1	0.23	96.2	2.9	88.4	11.5	-117.3	326.4	96.2	2.9	NA
JT1-16	299	5311	2.6	21.6029	15.9	0.0960	16.2	0.0150	3.3	0.21	96.2	3.2	93.0	14.4	12.8	383.2	96.2	3.2	NA
JT1-5	623	27246	2.7	21.1402	8.2	0.0981	8.5	0.0150	2.3	0.27	96.2	2.2	95.0	7.7	64.6	195.5	96.2	2.2	NA
JT1-69	895	42352	1.8	21.0846	6.6	0.0984	6.9	0.0150	2.2	0.31	96.3	2.1	95.3	6.3	70.8	156.5	96.3	2.1	NA
JT1-3	986	21259	2.0	20.4392	5.8	0.1016	5.9	0.0151	1.4	0.23	96.3	1.3	98.2	5.6	144.2	135.6	96.3	1.3	NA
JT1-24	905	40236	1.9	20.6008	6.0	0.1009	6.1	0.0151	1.0	0.17	96.4	1.0	97.6	5.7	125.7	141.2	96.4	1.0	NA
JT1-10	361	20922	2.5	20.4404	17.7	0.1018	18.6	0.0151	5.8	0.31	96.5	5.6	98.4	17.4	144.1	417.6	96.5	5.6	NA
JT1-76	976	45728	2.1	20.8079	3.1	0.1003	4.4	0.0151	3.2	0.73	96.8	3.1	97.1	4.1	102.2	72.3	96.8	3.1	NA
JT1-74	185	6969	2.7	28.1821	23.8	0.0742	24.3	0.0152	5.1	0.21	97.0	4.9	72.6	17.0	-670.6	663.5	97.0	4.9	NA
JT1-87	439	9916	2.7	22.8804	13.6	0.0914	13.9	0.0152	3.0	0.21	97.1	2.9	88.9	11.8	-127.2	336.3	97.1	2.9	NA
JT1-72	935	29329	3.1	20.9716	5.2	0.0998	5.4	0.0152	1.5	0.28	97.1	1.4	96.6	4.9	83.6	122.4	97.1	1.4	NA
JT1-78	573	14199	2.9	21.1574	5.0	0.0990	5.2	0.0152	1.4	0.27	97.2	1.4	95.8	4.8	62.6	120.2	97.2	1.4	NA
JT1-81	1815	39423	1.8	21.0856	2.1	0.0993	2.3	0.0152	0.9	0.39	97.2	0.9	96.2	2.1	70.7	50.9	97.2	0.9	NA
JT1-23	430	13300	1.7	22.0973	10.6	0.0948	10.8	0.0152	2.0	0.18	97.2	1.9	92.0	9.5	-41.9	259.1	97.2	1.9	NA
JT1-48	297	9507	1.5	19.8986	20.0	0.1054	20.1	0.0152	1.9	0.09	97.4	1.8	101.8	19.5	206.8	467.8	97.4	1.8	NA
JT1-14	181	7167	2.5	17.1103	12.2	0.1227	12.9	0.0152	4.3	0.33	97.4	4.1	117.5	14.3	546.4	267.5	97.4	4.1	NA
JT1-54	287	6268	2.1	22.8283	20.2	0.0920	20.8	0.0152	4.9	0.24	97.5	4.8	89.4	17.8	-121.6	503.0	97.5	4.8	NA
JT1-37	544	16995	1.5	20.4065	10.5	0.1030	10.6	0.0152	1.4	0.14	97.5	1.4	99.5	10.0	148.0	246.7	97.5	1.4	NA
JT1-59	858	24239	1.6	21.8005	4.2	0.0964	4.3	0.0152	1.2	0.28	97.5	1.2	93.5	3.9	-9.2	100.4	97.5	1.2	NA
JT1-51	306	18288	1.7	23.3182	13.8	0.0902	14.0	0.0153	2.5	0.18	97.6	2.4	87.7	11.8	-174.3	344.6	97.6	2.4	NA
JT1-47	283	10065	2.1	20.5809	21.9	0.1023	22.0	0.0153	2.6	0.12	97.7	2.5	98.9	20.7	128.1	519.6	97.7	2.5	NA
JT1-73	791	71760	1.8	20.8773	6.1	0.1009	6.3	0.0153	1.7	0.27	97.8	1.6	97.6	5.9	94.3	144.2	97.8	1.6	NA
JT1-77	318	12229	2.0	19.3189	15.8	0.1091	16.0	0.0153	2.6	0.16	97.8	2.5	105.1	16.0	274.9	364.0	97.8	2.5	NA
JT1-50	487	13350	1.9	21.3018	8.1	0.0989	8.3	0.0153	1.8	0.21	97.8	1.7	95.8	7.6	46.4	194.4	97.8	1.7	NA
JT1-2	569	27593	2.1	21.4351	8.6	0.0983	8.9	0.0153	2.2	0.25	97.8	2.1	95.2	8.1	31.5	205.9	97.8	2.1	NA
JT1-64	466	19146	3.0	21.0209	7.6	0.1003	8.0	0.0153	2.4	0.30	97.8	2.3	97.0	7.4	78.0	180.5	97.8	2.3	NA
JT1-63	515	36096	2.7	21.4996	9.6	0.0981	9.8	0.0153	1.8	0.18	97.8	1.7	95.0	8.8	24.3	230.5	97.8	1.7	NA
JT1-36	295	10924	1.6	21.0632	13.8	0.1001	14.1	0.0153	2.9	0.21	97.8	2.8	96.9	13.0	73.2	328.3	97.8	2.8	NA
JT1-25	367	10905	1.5	22.6262	6.0	0.0932	6.6	0.0153	2.6	0.39	97.8	2.5	90.5	5.7	-99.7	148.5	97.8	2.5	NA
JT1-30	392	11949	3.9	20.5061	14.5	0.1029	14.6	0.0153	2.1	0.14	97.9	2.0	99.4	13.9	136.6	341.7	97.9	2.0	NA
JT1-66	294	11809	2.3	21.1212	10.8	0.0999	11.3	0.0153	3.6	0.31	97.9	3.5	96.7	10.5	66.7	257.1	97.9	3.5	NA
JT1-40	332	8315	2.2	20.7114	13.5	0.1019	13.9	0.0153	3.2	0.23	97.9	3.1	98.5	13.0	113.1	320.2	97.9	3.1	NA
JT1-85	1208	33361	2.7	21.1821	4.7	0.0997	5.2	0.0153	2.1	0.41	98.0	2.1	96.5	4.8	59.9	112.2	98.0	2.1	NA
JT1-12	1090	38744	3.3	21.0142	5.1	0.1005	5.4	0.0153	1.6	0.30	98.0	1.5	97.3	5.0	78.8	121.5	98.0	1.5	NA
JT1-41	686	13075	1.8	21.0186	8.0	0.1005	8.1	0.0153	1.2	0.15	98.0	1.2	97.3	7.5	78.3	191.1	98.0	1.2	NA
JT1-79	296	6881	2.7	22.6990	16.2	0.0931	16.5	0.0153	3.2	0.19	98.1	3.1	90.4	14.3	-107.6	400.8	98.1	3.1	NA
JT1-15	474	14266	2.6	19.9019	6.5	0.1062	7.3	0.0153	3.3	0.45	98.1	3.2	102.5	7.2	206.4	151.7	98.1	3.2	NA
JT1-92	495	20752	2.2	20.5741	10.1	0.1029	10.4	0.0153	2.4	0.23	98.2	2.3	99.4	9.9	128.8	239.1	98.2	2.3	NA
JT1-31	447	12489	1.7	20.2951	10.0	0.1044	10.4	0.0154	2.9	0.28	98.3	2.8	100.8	10.0	160.9	234.8	98.3	2.8	NA
JT1-19	622	25887	2.5	20.4910	6.0	0.1034	6.3	0.0154	1.8	0.29	98.3	1.8	99.9	6.0	138.3	141.9	98.3	1.8	NA
JT1-97	422	13456	2.5	21.9052	12.6	0.0968	12.8	0.0154	1.9	0.15	98.3	1.9	93.8	11.4	-20.7	306.1	98.3	1.9	NA
JT1-52	543	13357	1.5	20.8231	8.3	0.1018	8.4	0.0154	1.4	0.16	98.4	1.3	98.5	7.9	100.4	196.3	98.4	1.3	NA
JT1-58	1067	29663	1.6	20.2970	5.1	0.1045	5.3	0.0154	1.6	0.29	98.4	1.5	100.9	5.1	160.6	119.3	98.4	1.5	NA
JT1-80	896	34821	2.7	21.0277	5.6	0.1010	5.8	0.0154	1.7	0.30	98.6	1.7	97.7	5.4	77.2	132.0	98.6	1.7	NA
JT1-86	959	18918	2.9	21.0917	8.4	0.1008	8.8	0.0154	2.5	0.29	98.6	2.4	97.5	8.1	70.0	199.9	98.6	2.4	NA
JT1-75	1242	50390	1.4	21.3648	4.5	0.0996	4.6	0.0154	1.2	0.27	98.7	1.2	96.4	4.3	39.4	106.8	98.7	1.2	NA
JT1-57	1116	38277	2.2	20.1072	3.1	0.1059	3.6	0.0154	1.7	0.48	98.8	1.7	102.2	3.5	182.5	72.7	98.8	1.7	NA
JT1-8	432	6832	2.3	23.7796	15.6	0.0896	15.6	0.0154	1.5	0.09	98.8	1.4	87.1	13.0	-223.3	393.5	98.8	1.4	NA
JT1-53	306	10709	1.3	20.4204	17.8	0.1044	18.2	0.0155	3.4	0.19	98.9	3.3	100.8	17.4	146.4	421.1	98.9	3.3	NA
JT1-1	499	9814	1.5	22.1437	7.9	0.0962	8.2	0.0155	2.2	0.27	98.9	2.1	93.3	7.3	-47.0	192.3	98.9	2.1	NA
JT1-67	169	7363	2.8	13.5042	180.6	0.1579	180.7	0.0155	5.3	0.03	98.9	5.2	148.8	255.4	1042.8	786.1	98.9	5.2	NA
JT1-9	207	6271	1.9	19.6771	26.5	0.1084	27.0	0.0155	5.2	0.19	98.9	5.1	104.5	26.8	232.7	620.2	98.9	5.1	NA
JT1-22	277	11644	2.0	25.1886	20.3	0.0847	20.6	0.0155	3.4	0.16	99.0	3.3	82.6	16.4	-370.4	531.8	99.0	3.3	NA
JT1-7	499	36885	1.9	20.8043	7.7	0.1026	7.8	0.0155	1.2	0.16	99.0	1.2	99.2	7.4	102.6	183.3	99.0	1.2	NA
JT1-29	922	29812	3.4	20.9008	7.0	0.1021	7.2	0.0155	1.5	0.21	99.0	1.5	98.7	6.8	91.6	166.8	99.0	1.5	NA
JT1-70	884	25713	3.0	20.1425	6.6	0.1060	7.0	0.0155	2.2	0.31	99.0	2.1	102.3	6.8	178.4	155.0	99.0	2.1	NA
JT1-45	312	8254	2.5	28.0089	31.9	0.0763	31.9	0.0155	2.3	0.07	99.2	2.3	74.7	23.0	-653.6	894.3	99.2	2.3	NA
JT1-99	815	44572	1.8	21.3816	5.5	0.1002	5.7	0.0155	1.7	0.29	99.4	1.6	97.0	5.3	37.4	131.5	99.4	1.6	NA
JT1-96	449	14492	2.1	20.4576	10.7	0.1048	10.9	0.0155	1.9	0.17	99.4	1.8	101.2	10.5	142.1	252.3	99.4	1.8	NA
JT1-46	287	11101	2.4	26.8259	15.9	0.0800	16.3	0.0156	3.5	0.22	99.5	3.5	78.1	12.2	-536.4	428.5	99.5	3.5	NA
JT1-82	178	8279	3.5	20.7190	21.0	0.1038	21.2	0.0156	2.9	0.14	99.7	2.9	100.3	20.2	112.3	500.1	99.7	2.9	NA
JT1-4	698	24118	1.5	20.9302	7.4	0.1028	7.5	0.0156	1.7	0.23	99.8	1.7	99.3	7.1	88.3	174.6	99.8	1.7	NA
JT1-60	1271	21100	2.4	21.0388	4.1	0.1025	4.5	0.0156	1.8	0.39	100.0	1.7	99.0	4.2	76.0	97.4	100.0	1.7	NA
JT1-39	874	19571	2.9	20.7455	3.7	0.1042	4.3	0.0157	2.2	0.52	100.3	2.2	100.6	4.2	109.3	87.9	100.3	2.2	NA
JT1-55	289	10415	2.6	20.2761	10.7	0.1067	11.2	0.0157	3.1	0.28	100.3	3.1	102.9	10.9	163.0	251.4	100.3	3.1	NA
JT1-27	377	10660	1.9	21.3474	15.0	0.1015	15.2	0.0157	2.0	0.13	100.5	2.0	98.2	14.2	41.3	361.2	100.5	2.0	NA
JT1-26	679	20369	5.2	21.3971	6.5	0.1013	7.2	0.0157	3.1	0.43	100.6	3.1	98.0	6.8	35.7	156.5	100.6	3.1	NA
JT1-56	614	23117	2.2	21.2792	4.5	0.1021	4.7	0.0158	1.4	0.31	100.8	1.4	98.8	4.4	48.9	106.3	100.8	1.4	NA

JT1-32	545	20559	2.7	20.7258	6.1	0.1051	6.5	0.0158	2.1	0.33	101.1	2.1	101.5	6.3	111.5	144.8	101.1	2.1	NA
JT1-43	563	14605	2.4	22.7136	8.4	0.0961	8.6	0.0158	2.2	0.25	101.3	2.2	93.2	7.7	-109.2	205.9	101.3	2.2	NA
JT1-62	98	6676	3.5	20.8860	32.8	0.2018	33.3	0.0306	5.5	0.17	194.1	10.6	186.7	56.8	93.3	795.8	194.1	10.6	NA
JT1-71	432	37713	2.7	18.5907	2.9	0.4321	3.6	0.0583	2.1	0.59	365.1	7.5	364.7	11.0	362.3	65.6	365.1	7.5	NA
JT1-88	194	12345	2.3	18.9236	8.7	0.4320	10.0	0.0593	5.0	0.50	371.3	18.2	364.6	30.7	322.1	197.0	371.3	18.2	NA
JT1-94	91	9979	1.3	18.7904	11.2	0.4485	12.6	0.0611	5.7	0.46	382.5	21.3	376.2	39.6	338.1	254.4	382.5	21.3	NA
JT1-98	214	15899	3.3	18.0371	6.3	0.4806	7.0	0.0629	2.9	0.42	393.1	11.2	398.5	23.0	430.0	141.4	393.1	11.2	NA
JT1-100	159	66820	1.3	17.6317	6.2	0.4977	6.6	0.0636	2.5	0.37	397.8	9.6	410.2	22.4	480.5	136.0	397.8	9.6	NA
JT1-93	172	22767	1.7	17.6858	5.5	0.5299	6.3	0.0680	3.0	0.48	423.9	12.4	431.8	22.1	473.7	121.9	423.9	12.4	89.5
JT1-65	200	37287	3.0	17.6141	4.1	0.5363	4.5	0.0685	1.8	0.41	427.2	7.6	436.0	15.9	482.7	90.6	427.2	7.6	88.5
JT1-84	117	11018	3.7	19.9216	9.2	0.4746	9.5	0.0686	2.5	0.26	427.6	10.3	394.4	31.2	204.1	214.2	427.6	10.3	209.5
JT1-68	492	147616	1.6	18.0548	1.3	0.5480	2.4	0.0718	2.1	0.86	446.7	8.9	443.7	8.7	427.9	27.9	446.7	8.9	104.4
JT1-33	428	58832	1.2	17.7943	1.0	0.5761	1.7	0.0743	1.3	0.78	462.3	5.9	461.9	6.3	460.2	23.3	462.3	5.9	100.5
JT1-28	120	20100	1.8	17.2211	6.0	0.7232	6.3	0.0903	1.7	0.28	557.5	9.2	552.6	26.7	532.4	131.7	557.5	9.2	104.7
JT1-17	282	115555	2.0	13.9502	0.9	1.6147	1.2	0.1634	0.8	0.68	975.5	7.5	975.9	7.6	977.0	18.1	977.0	18.1	99.8
JT1-13	102	68521	2.2	12.2681	3.2	2.3363	3.4	0.2079	1.1	0.33	1217.5	12.7	1223.4	24.4	1233.8	63.5	1233.8	63.5	98.7
JT1-20	67	53115	1.1	9.7843	1.7	4.0126	3.3	0.2847	2.8	0.84	1615.2	39.4	1636.7	26.5	1664.5	32.3	1664.5	32.3	97.0
JT1-90	274	349494	1.5	9.3045	0.6	4.6431	1.6	0.3133	1.5	0.93	1757.1	22.5	1757.1	13.2	1757.0	10.7	1757.0	10.7	100.0
JT1-61	205	164259	2.7	8.7918	0.5	5.0450	0.8	0.3217	0.6	0.79	1798.0	9.9	1826.9	6.8	1860.0	8.8	1860.0	8.8	96.7
JT1-89	201	94994	1.1	6.7456	0.5	7.5355	2.1	0.3687	2.0	0.96	2023.1	34.5	2177.2	18.5	2325.8	9.3	2325.8	9.3	87.0
Sample JT8 (volcanic clast)																			
JT8-28	464	7556	2.6	20.3904	7.0	0.0677	7.3	0.0100	1.7	0.24	64.2	1.1	66.5	4.7	149.9	165.4	64.2	1.1	NA
JT8-2	203	7276	2.5	22.5856	10.4	0.0612	10.9	0.0100	3.1	0.29	64.3	2.0	60.3	6.4	-95.3	257.0	64.3	2.0	NA
JT8-9	246	21154	1.7	21.5319	9.5	0.0644	10.9	0.0101	5.3	0.48	64.5	3.4	63.4	6.7	20.7	229.0	64.5	3.4	NA
JT8-3	1191	33781	2.3	21.4470	4.1	0.0649	4.5	0.0101	2.0	0.43	64.7	1.3	63.8	2.8	30.2	98.2	64.7	1.3	NA
JT8-14	736	31350	2.3	20.7103	6.7	0.0673	6.9	0.0101	1.5	0.22	64.9	1.0	66.2	4.4	113.3	159.3	64.9	1.0	NA
JT8-17	936	53533	3.0	21.0189	5.0	0.0670	5.4	0.0102	1.9	0.35	65.5	1.2	65.8	3.4	78.2	120.0	65.5	1.2	NA
JT8-10	784	30331	3.9	20.7956	6.0	0.0677	6.2	0.0102	1.3	0.21	65.5	0.9	66.5	4.0	103.5	142.7	65.5	0.9	NA
JT8-16	801	29663	2.8	21.6696	4.5	0.0650	4.7	0.0102	1.3	0.28	65.5	0.9	64.0	2.9	5.3	109.5	65.5	0.9	NA
JT8-29	543	13561	3.7	19.8829	9.5	0.0709	9.8	0.0102	2.5	0.26	65.5	1.7	69.5	6.6	208.6	220.1	65.5	1.7	NA
JT8-1	1123	37235	2.3	21.5683	5.0	0.0654	5.2	0.0102	1.4	0.27	65.6	0.9	64.3	3.3	16.6	121.1	65.6	0.9	NA
JT8-11	1117	28507	1.6	20.9359	5.0	0.0674	5.3	0.0102	1.6	0.30	65.7	1.0	66.3	3.4	87.7	119.0	65.7	1.0	NA
JT8-18	719	37046	2.8	21.4944	8.3	0.0658	8.5	0.0103	1.8	0.21	65.7	1.1	64.7	5.3	24.8	200.5	65.7	1.1	NA
JT8-25	563	8559	2.5	19.5054	10.2	0.0726	10.4	0.0103	1.8	0.17	65.8	1.2	71.1	7.1	252.9	235.6	65.8	1.2	NA
JT8-12	379	11285	2.4	19.8961	14.8	0.0712	14.9	0.0103	2.0	0.14	65.9	1.3	69.8	10.1	207.1	345.0	65.9	1.3	NA
JT8-20	793	25598	3.3	21.2196	5.1	0.0668	5.6	0.0103	2.3	0.41	65.9	1.5	65.6	3.6	55.6	122.3	65.9	1.5	NA
JT8-7	799	24980	2.7	20.9642	7.8	0.0677	8.0	0.0103	2.0	0.25	66.0	1.3	66.5	5.2	84.4	184.5	66.0	1.3	NA
JT8-4	678	24624	3.2	20.0377	4.4	0.0709	5.1	0.0103	2.6	0.50	66.1	1.7	69.6	3.4	190.6	102.9	66.1	1.7	NA
JT8-22	734	18800	1.4	21.5881	10.4	0.0659	10.9	0.0103	3.4	0.31	66.2	2.3	64.8	6.9	14.4	250.0	66.2	2.3	NA
JT8-19	641	32334	3.6	21.3985	7.1	0.0667	7.4	0.0104	2.2	0.30	66.4	1.4	65.6	4.7	35.5	169.9	66.4	1.4	NA
JT8-6	834	23634	2.9	21.3799	8.7	0.0668	8.9	0.0104	2.0	0.22	66.4	1.3	65.6	5.7	37.6	208.6	66.4	1.3	NA
JT8-8	502	9360	2.6	20.5103	8.7	0.0698	9.4	0.0104	3.5	0.37	66.6	2.3	68.5	6.2	136.1	205.3	66.6	2.3	NA
JT8-24	657	20472	3.2	20.4038	5.1	0.0702	5.6	0.0104	2.1	0.38	66.6	1.4	68.9	3.7	148.3	120.4	66.6	1.4	NA
JT8-13	376	7398	3.1	21.5967	18.0	0.0666	18.5	0.0104	4.6	0.25	66.9	3.0	65.4	11.7	13.5	434.9	66.9	3.0	NA
JT8-5	1002	56562	2.7	21.5983	6.0	0.0666	6.1	0.0104	1.3	0.21	66.9	0.9	65.5	3.9	13.3	144.2	66.9	0.9	NA
JT8-26	745	10362	2.4	21.0818	4.7	0.0684	4.8	0.0105	1.2	0.24	67.1	0.8	67.2	3.1	71.1	111.2	67.1	0.8	NA
JT8-15	211	3706	2.7	19.9700	17.7	0.0723	18.4	0.0105	5.1	0.28	67.2	3.4	70.9	12.6	198.5	413.0	67.2	3.4	NA
JT8-27	1132	24485	2.3	21.1464	3.2	0.0683	3.5	0.0105	1.5	0.42	67.2	1.0	67.1	2.3	63.9	75.4	67.2	1.0	NA
JT8-21	518	8400	1.5	22.8985	13.3	0.0639	13.4	0.0106	1.9	0.14	68.0	1.3	62.9	8.2	-129.2	329.6	68.0	1.3	NA
Sample JT9 (sandstone)																			
JT9-64	224	3935	2.2	20.4403	3.9	0.3913	4.1	0.0580	1.3	0.31	363.5	4.5	335.4	11.7	144.1	91.0	363.5	4.5	NA
JT9-54	604	13255	3.5	21.5482	15.8	0.0291	16.1	0.0046	3.0	0.19	29.3	0.9	29.2	4.6	18.9	381.6	29.3	0.9	NA
JT9-60	761	13282	3.0	27.2712	15.3	0.0231	15.6	0.0046	3.4	0.22	29.4	1.0	23.2	3.6	-580.8	415.5	29.4	1.0	NA
JT9-65	787	7590	2.6	23.7623	16.6	0.0271	16.8	0.0047	2.5	0.15	30.1	0.8	27.2	4.5	-221.5	419.9	30.1	0.8	NA
JT9-96	457	11941	2.5	21.1667	10.8	0.0684	11.0	0.0105	2.2	0.20	67.4	1.5	67.2	7.2	61.6	258.1	67.4	1.5	NA
JT9-56	449	16884	2.4	20.1507	12.7	0.0720	13.0	0.0105	2.6	0.20	67.4	1.7	70.6	8.8	177.5	297.3	67.4	1.7	NA
JT9-1	656	18392	2.6	22.2633	6.5	0.0654	6.8	0.0106	1.9	0.28	67.7	1.3	64.3	4.2	-60.1	158.7	67.7	1.3	NA
JT9-68	1577	38026	3.0	20.9174	2.3	0.0705	2.6	0.0107	1.2	0.47	68.6	0.8	69.2	1.7	89.8	54.3	68.6	0.8	NA
JT9-91	563	27612	2.8	21.8283	9.3	0.0676	9.5	0.0107	1.8	0.19	68.6	1.2	66.4	6.1	-12.2	224.8	68.6	1.2	NA
JT9-6	846	47829	2.9	21.8446	4.9	0.0677	5.5	0.0107	2.6	0.47	68.8	1.8	66.5	3.6	-14.0	118.4	68.8	1.8	NA
JT9-57	504	17057	2.7	21.3751	10.5	0.0693	10.7	0.0107	1.9	0.18	68.9	1.3	68.0	7.0	38.2	252.2	68.9	1.3	NA
JT9-33	545	15082	2.5	20.8840	7.2	0.0710	7.4	0.0108	1.7	0.23	69.0	1.2	69.7	5.0	93.5	170.5	69.0	1.2	NA
JT9-51	513	11082	2.8	22.3550	6.0	0.0664	6.5	0.0108	2.6	0.40	69.0	1.8	65.3	4.1	-70.2	146.1	69.0	1.8	NA
JT9-53	1038	33290	2.1	21.8402	6.3	0.0680	6.4	0.0108	0.9	0.14	69.1	0.6	66.8	4.1	-13.6	153.4	69.1	0.6	NA
JT9-80	943	27564	2.1	21.6253	2.9	0.0687	3.1	0.0108	1.1	0.35	69.1	0.7	67.5	2.0	10.3	70.6	69.1	0.7	NA
JT9-73	458	22448	2.5	21.0088	11.4	0.0708	11.8	0.0108	3.0	0.25	69.2	2.0	69.5	7.9	79.4	272.6	69.2	2.0	NA
JT9-21	445	21616	2.4	21.9777	12.9	0.0678	13.0	0.0108	1.6	0.12	69.3	1.1	66.6	8.4	-28.7	314.3	69.3	1.1	NA
JT9-75	880	64677	2.6	20.8389	6.1	0.0716	6.3	0.0108	1.6	0.26	69.4	1.1	70.2	4.3	98.6	145.0	69.4	1.1	NA
JT9-26	435	17071	2.8	20.8310	13.5	0.0718	13.7	0.0108	2.0	0.14	69.6	1.4	70.4	9.3	99.5	320.8	69.6	1.4	NA
JT9-76	1348	36025	1.5	20.9906	4.1	0.0713	4.2	0.0109	0.9	0.21	69.6	0.6	69.9	2.8	81.4	96.7	69.6	0.6	NA
JT9-17	895	31257	1.7	21.2081	6.4	0.0706	6.6	0.0109	1.6	0.25	69.6	1.1	69.3	4.4	56.9	152.9	69.6	1.1	NA
JT9-36	1978	74878	2.2	20.8081	3.2	0.0721	3.6	0.0109	1.7	0.46	69.8	1.2	70.7	2.5	102.1	76.2	69.8	1.2	NA
JT9-32	650	27028	2.0	19.8224	8.3	0.0758	8.7	0.0109	2.6	0.30	69.8	1.8	74.2	6.3	215.7	193.3	69.8	1.8	NA
JT9-74	1684	52467	2.9	20.8804	2.9	0.0726	3.5	0.0110	1.9	0.54	70.5	1.3	71.2	2.4	93.9	69.4	70.5	1.3	NA
JT9-42	731	18607	2.4	22.2597	5.8	0.0685	6.2	0.0111	2.2	0.35	70.9	1.5	67.3	4.0	-59.7	141.4	70.9	1.5	NA
JT9-11	1627	34363	2.6	21.1621	2.7	0.0721	3.5	0.0111	2.2	0.64	71.0	1.6	70.7	2.4	62.1	63.8	71.0	1.6	NA
JT9-78	1091	95656	3.7	20.5125	3.4	0.0989	3.7	0.0147	1.4	0.39	94.1	1.3	95.7	3.3	135.8	79.2	94.1	1.3	NA
JT9-66	1057	57571	2.4	20.9431	2.1	0.0971	2.5	0.0148	1.2	0.50	94.4	1.2	94.1	2.2	86.8	50.7	94.4	1.2	NA
JT9-55	798	14354	2.8	20.8777	3.9	0.0977	4.8	0.0148	2.8	0.57	94.7	2.6	94.7	4.3	94.2	92.9	94.7	2.6	NA
JT9-100	507	26461	3.0	20.8294	7.4	0.0981	7.7	0.0148	2.3	0.30	94.8	2.2	95.0	7.0	99.7	175.1	94.8	2.2	NA
JT9-13	996	43951	2.1	20.8531	3.4	0.0981	5.8	0.0148	4.7	0.81	95.0	4.4	95.1	5.3	97.0	81.1	95.0	4.4	NA
JT9-63	245	2094	3.2	23.6351	13.8	0.0868	14.4	0.0149	4.3	0.30	95.2	4.1	84.5	11.7	-208.0	347.0	95.2	4.1	NA
JT9-95	1300	50657	2.2	20.5813	2.2	0.0997	2.5	0.0149	1.2	0.47	95.2	1.1	96.5	2.3	128.0	52.7	95.2	1.1	NA
JT9-67	1009	33099	3.1	21.1124	2.7	0.0972	3.0	0.0149	1.2	0.41	95.3	1.1	94.2	2.7	67.7	64.0	95.3	1.1	NA
JT9-45	247	15600	2.8	22.2496	14.7	0.0925	15.3	0.0149	3.9	0.26	95.5	3.7	89.8	13.1	-58.6	360.8	95.5	3.7	NA
JT9-25	771	28116	3.3	20.3678	3.8	0.1010	4.2	0.0149	1.8	0.42	95.5	1.7	97.7	3.9	152.5	89.8	95.5	1.7	NA

JT9-8	949	78375	2.6	20.9872	4.1	0.0981	4.8	0.0149	2.5	0.52	95.6	2.4	95.1	4.4	81.8	97.8	95.6	2.4	NA
JT9-27	429	17092	2.2	21.1550	7.6	0.0974	8.1	0.0149	2.6	0.33	95.7	2.5	94.4	7.3	62.9	181.7	95.7	2.5	NA
JT9-98	1135	42499	2.3	20.7753	3.5	0.0993	3.9	0.0150	1.7	0.44	95.8	1.6	96.2	3.6	105.8	82.5	95.8	1.6	NA
JT9-40	1153	41179	2.5	20.1576	7.8	0.1025	7.9	0.0150	1.3	0.17	95.9	1.3	99.1	7.5	176.7	183.0	95.9	1.3	NA
JT9-12	203	21586	5.2	20.5777	19.7	0.1004	19.9	0.0150	2.7	0.14	95.9	2.6	97.2	18.4	128.4	467.5	95.9	2.6	NA
JT9-41	1889	65241	3.5	20.7722	1.7	0.0995	1.9	0.0150	1.0	0.51	95.9	0.9	96.3	1.8	106.2	39.7	95.9	0.9	NA
JT9-7	910	46869	3.6	21.0777	4.5	0.0982	5.1	0.0150	2.4	0.47	96.1	2.3	95.1	4.6	71.6	106.4	96.1	2.3	NA
JT9-72	803	61391	1.7	21.0990	3.1	0.0981	3.3	0.0150	1.1	0.33	96.1	1.0	95.1	3.0	69.2	74.6	96.1	1.0	NA
JT9-58	1017	57590	13.3	21.1265	3.1	0.0981	3.5	0.0150	1.7	0.48	96.1	1.6	95.0	3.2	66.1	72.8	96.1	1.6	NA
JT9-28	1300	52334	2.7	21.1043	2.9	0.0982	3.1	0.0150	1.1	0.37	96.2	1.1	95.1	2.8	68.6	68.1	96.2	1.1	NA
JT9-18	1037	36237	2.9	20.5160	3.0	0.1010	3.3	0.0150	1.3	0.38	96.2	1.2	97.7	3.1	135.5	71.6	96.2	1.2	NA
JT9-84	374	13149	2.0	21.2891	8.1	0.0974	8.5	0.0150	2.5	0.30	96.2	2.4	94.3	7.7	47.9	194.4	96.2	2.4	NA
JT9-3	1050	55214	2.6	20.0998	3.3	0.1032	3.9	0.0151	2.2	0.56	96.3	2.1	99.8	3.7	183.4	75.8	96.3	2.1	NA
JT9-59	381	25929	2.5	20.7479	9.7	0.1001	9.9	0.0151	2.0	0.20	96.4	1.9	96.9	9.2	109.0	230.5	96.4	1.9	NA
JT9-14	625	40338	3.2	21.2098	3.6	0.0980	3.7	0.0151	1.1	0.28	96.5	1.0	95.0	3.4	56.7	85.8	96.5	1.0	NA
JT9-29	1096	39693	2.6	20.7890	2.2	0.1001	2.6	0.0151	1.4	0.53	96.5	1.3	96.8	2.4	104.3	52.8	96.5	1.3	NA
JT9-92	1324	94965	2.6	21.0782	2.6	0.0988	2.8	0.0151	1.1	0.40	96.6	1.1	95.6	2.6	71.5	61.6	96.6	1.1	NA
JT9-81	316	11123	2.6	21.8735	8.9	0.0953	9.1	0.0151	1.5	0.17	96.8	1.5	92.5	8.0	-17.2	216.6	96.8	1.5	NA
JT9-38	662	31497	4.5	21.2053	6.3	0.0985	6.4	0.0151	1.1	0.17	96.9	1.1	95.4	5.8	57.2	150.9	96.9	1.1	NA
JT9-94	739	58506	3.6	20.8715	4.0	0.1001	4.1	0.0152	0.8	0.20	96.9	0.8	96.9	3.8	94.9	94.7	96.9	0.8	NA
JT9-89	888	48434	2.3	20.7263	5.2	0.1008	5.8	0.0152	2.5	0.43	97.0	2.4	97.5	5.4	111.5	123.0	97.0	2.4	NA
JT9-86	645	54039	2.6	21.4657	4.8	0.0975	5.0	0.0152	1.3	0.26	97.1	1.2	94.4	4.5	28.1	115.3	97.1	1.2	NA
JT9-24	674	39983	3.5	20.3761	5.3	0.1027	5.5	0.0152	1.6	0.30	97.1	1.6	99.3	5.2	151.5	123.8	97.1	1.6	NA
JT9-10	722	51816	3.0	21.0881	5.5	0.0993	5.6	0.0152	1.2	0.22	97.1	1.2	96.1	5.1	70.5	130.3	97.1	1.2	NA
JT9-5	1289	53092	2.3	20.5979	2.6	0.1016	2.8	0.0152	1.2	0.41	97.2	1.1	98.3	2.6	126.1	60.7	97.2	1.1	NA
JT9-97	409	16933	2.7	21.9157	10.2	0.0956	10.3	0.0152	1.2	0.11	97.2	1.1	92.7	9.1	-21.9	247.7	97.2	1.1	NA
JT9-2	782	17506	2.3	21.0393	5.0	0.0998	5.2	0.0152	1.5	0.29	97.4	1.4	96.6	4.8	75.9	117.7	97.4	1.4	NA
JT9-85	1220	52129	2.1	20.6740	2.7	0.1016	3.1	0.0152	1.6	0.51	97.4	1.5	98.2	2.9	117.4	62.5	97.4	1.5	NA
JT9-15	1261	54867	3.0	21.0498	1.3	0.0998	1.8	0.0152	1.3	0.73	97.4	1.3	96.5	1.7	74.8	30.3	97.4	1.3	NA
JT9-82	1010	5785	2.6	19.8385	3.9	0.1059	4.2	0.0152	1.6	0.39	97.5	1.6	102.2	4.1	213.8	89.5	97.5	1.6	NA
JT9-70	849	31478	2.6	20.4295	2.7	0.1028	3.1	0.0152	1.5	0.49	97.5	1.5	99.4	2.9	145.4	62.7	97.5	1.5	NA
JT9-31	876	41936	2.7	20.8107	3.5	0.1010	3.7	0.0152	1.0	0.27	97.5	1.0	97.7	3.4	101.8	83.9	97.5	1.0	NA
JT9-16	777	41426	3.4	20.7919	3.9	0.1013	4.1	0.0153	1.4	0.34	97.8	1.4	98.0	3.9	104.0	91.9	97.8	1.4	NA
JT9-71	303	7347	2.4	22.4989	8.3	0.0938	8.7	0.0153	2.6	0.29	97.9	2.5	91.0	7.6	-85.9	204.0	97.9	2.5	NA
JT9-43	431	10849	2.2	22.0541	6.4	0.0958	6.6	0.0153	1.5	0.22	98.0	1.4	92.9	5.9	-37.2	156.5	98.0	1.4	NA
JT9-37	803	32067	2.5	20.8770	2.6	0.1013	3.6	0.0153	2.4	0.69	98.1	2.4	97.9	3.3	94.3	61.6	98.1	2.4	NA
JT9-44	876	31156	4.3	21.0493	3.2	0.1005	3.5	0.0153	1.5	0.43	98.1	1.5	97.2	3.2	74.8	75.1	98.1	1.5	NA
JT9-30	972	127920	2.1	20.4335	4.6	0.1035	5.0	0.0153	1.9	0.38	98.1	1.9	100.0	4.8	144.9	108.8	98.1	1.9	NA
JT9-22	876	25624	2.7	21.0438	3.9	0.1007	4.6	0.0154	2.4	0.53	98.3	2.4	97.4	4.3	75.4	92.4	98.3	2.4	NA
JT9-88	270	44317	3.6	19.2923	11.0	0.1099	11.1	0.0154	1.9	0.17	98.4	1.8	105.9	11.2	278.1	252.2	98.4	1.8	NA
JT9-34	1070	119548	2.5	20.6361	4.4	0.1031	4.5	0.0154	1.1	0.24	98.7	1.1	99.6	4.3	121.7	103.6	98.7	1.1	NA
JT9-52	663	17325	2.3	21.6330	3.6	0.0984	3.8	0.0154	1.2	0.30	98.8	1.1	95.3	3.4	9.4	86.8	98.8	1.1	NA
JT9-87	379	13920	2.9	20.6878	14.8	0.1034	15.0	0.0155	2.4	0.16	99.2	2.3	99.9	14.2	115.8	350.3	99.2	2.3	NA
JT9-47	1165	79014	2.5	20.6098	3.3	0.1039	3.7	0.0155	1.5	0.42	99.3	1.5	100.3	3.5	124.7	78.2	99.3	1.5	NA
JT9-90	1309	61327	2.1	21.0462	1.7	0.1017	2.5	0.0155	1.9	0.74	99.4	1.8	98.4	2.4	75.2	40.5	99.4	1.8	NA
JT9-79	716	50944	3.5	19.8331	5.2	0.1087	5.5	0.0156	1.8	0.33	100.0	1.8	104.7	5.5	214.5	121.1	100.0	1.8	NA
JT9-4	686	32721	2.8	19.4254	4.6	0.1110	4.9	0.0156	1.5	0.32	100.0	1.5	106.9	4.9	262.4	105.9	100.0	1.5	NA
JT9-19	1240	19100	2.6	20.2431	2.5	0.1078	3.1	0.0158	1.8	0.59	101.3	1.8	104.0	3.1	166.8	58.5	101.3	1.8	NA
JT9-46	112	9260	4.4	20.9420	19.5	0.1279	20.4	0.0194	5.8	0.29	124.0	7.2	122.2	23.4	87.0	466.3	124.0	7.2	NA
JT9-39	351	51196	4.7	20.1345	4.0	0.2077	4.6	0.0303	2.3	0.50	192.6	4.4	191.6	8.0	179.4	92.8	192.6	4.4	NA
JT9-49	162	21807	1.5	18.8132	6.5	0.4479	6.6	0.0611	1.1	0.17	382.4	4.1	375.8	20.8	335.4	148.4	382.4	4.1	NA
JT9-69	311	66705	2.1	18.3250	3.0	0.4608	3.6	0.0612	2.0	0.56	383.2	7.5	384.8	11.5	394.6	67.0	383.2	7.5	NA
JT9-99	194	31119	1.1	18.4622	3.2	0.4923	3.5	0.0659	1.6	0.44	411.5	6.3	406.5	11.9	377.9	71.4	411.5	6.3	108.9
JT9-83	231	61217	2.4	17.7050	1.9	0.5196	2.4	0.0667	1.6	0.64	416.3	6.3	424.9	8.5	471.3	41.5	416.3	6.3	88.3
JT9-35	230	40848	3.0	18.2063	3.1	0.5133	3.3	0.0678	1.3	0.39	422.7	5.4	420.6	11.5	409.2	68.4	422.7	5.4	103.3
JT9-50	101	36505	3.8	17.6249	5.5	0.5303	5.8	0.0678	1.9	0.32	422.8	7.6	432.0	20.6	481.3	122.6	422.8	7.6	87.8
JT9-20	152	63967	3.4	18.1835	3.0	0.5198	3.6	0.0686	1.9	0.52	427.4	7.7	425.0	12.4	412.0	67.9	427.4	7.7	103.7
JT9-93	54	54360	1.1	11.6881	1.5	2.6378	1.9	0.2236	1.1	0.57	1300.9	12.4	1311.3	13.7	1328.2	29.6	1328.2	29.6	97.9
JT9-48	128	156225	3.1	10.8564	1.3	3.2570	1.6	0.2565	1.0	0.61	1471.7	12.8	1470.9	12.4	1469.7	23.9	1469.7	23.9	100.1
JT9-77	70	125725	4.2	6.7480	0.5	8.9170	2.2	0.4364	2.2	0.98	2334.5	42.2	2329.5	20.2	2325.2	8.1	2325.2	8.1	100.4
Sample JT11 (sandstone)																			
JT11-69	291	77172	2.2	10.4292	1.7	1.1577	5.1	0.0876	4.9	0.95	541.1	25.3	780.9	28.0	1545.5	31.3	1545.5	31.3	35.0
JT11-97	334	168610	1.3	14.8752	1.6	0.8424	2.3	0.0909	1.6	0.69	560.8	8.5	620.5	10.6	844.8	34.2	560.8	8.5	66.4
JT11-92	462	20832	2.1	21.7540	8.3	0.0962	8.6	0.0152	2.2	0.25	97.1	2.1	93.2	7.7	-4.0	201.2	97.1	2.1	NA
JT11-46	306	25799	3.8	21.9551	10.5	0.0953	10.6	0.0152	1.6	0.15	97.1	1.5	92.5	9.4	-26.3	254.7	97.1	1.5	NA
JT11-82	1346	46845	2.0	20.6821	3.3	0.1021	3.6	0.0153	1.6	0.43	98.0	1.5	98.7	3.4	116.5	77.1	98.0	1.5	NA
JT11-17	368	42499	2.3	19.7928	8.4	0.1320	9.2	0.0189	3.9	0.42	121.0	4.6	125.9	10.9	219.2	193.9	121.0	4.6	NA
JT11-32	236	12648	1.9	20.3740	5.9	0.1326	6.7	0.0196	3.2	0.48	125.1	4.0	126.4	8.0	151.8	138.5	125.1	4.0	NA
JT11-49	272	4561	1.5	22.1423	5.8	0.1236	6.2	0.0198	2.1	0.35	126.7	2.7	118.3	6.9	-46.9	141.6	126.7	2.7	NA
JT11-83	116	9376	1.2	19.8883	15.5	0.1789	16.0	0.0258	4.0	0.25	164.2	6.5	167.1	24.7	208.0	362.2	164.2	6.5	NA
JT11-51	137	12541	3.0	21.4353	16.1	0.1717	16.3	0.0267	2.0	0.12	169.9	3.3	160.9	24.2	31.5	388.6	169.9	3.3	NA
JT11-43	164	11395	1.9	20.8190	4.6	0.1889	5.7	0.0285	3.4	0.59	181.3	6.0	175.7	9.2	100.9	108.4	181.3	6.0	NA
JT11-33	248	14827	1.3	20.1309	9.1	0.1958	9.3	0.0286	1.7	0.19	181.7	3.1	181.6	15.4	179.8	213.2	181.7	3.1	NA
JT11-28	307	15906	2.4	20.2799	5.8	0.1954	6.0	0.0287	1.7	0.29	182.7	3.1	181.2	10.0	162.6	135.0	182.7	3.1	NA
JT11-41	179	17466	2.4	19.2593	9.6	0.2119	10.8	0.0296	4.9	0.46	188.0	9.1	195.1	19.1	282.0	219.5	188.0	9.1	NA
JT11-2	144	15552	2.2	20.6411	9.6	0.2012	9.8	0.0301	1.8	0.18	191.3	3.4	186.1	16.7	121.1	227.5	191.3	3.4	NA
JT11-78	244	26794	3.0	20.4119	6.3	0.2045	6.4	0.0303	1.3	0.20	192.3	2.4	188.9	11.0	147.4	146.7	192.3	2.4	NA
JT11-52	361	41772	1.9	19.9100	2.9	0.2098	4.1	0.0303	3.0	0.72	192.4	5.6	193.4	7.3	205.5	66.6	192.4	5.6	NA
JT11-31	379	20346	1.4	20.1554	2.3	0.2107	2.6	0.0308	1.2	0.47	195.6	2.4	194.2	4.6	176.9	53.4	195.6	2.4	NA
JT11-75	545	84544	2.4	19.7058	2.8	0.2157	3.0	0.0308	1.0	0.35	195.7	2.0	198.3	5.3	229.3	64.3	195.7	2.0	NA
JT11-96	651	68297	1.4	19.9401	3.2	0.2136	3.6	0.0309	1.7	0.46	196.1	3.2	196.6	6.5	201.9	74.7	196.1	3.2	NA
JT11-91	155	5941	1.4	20.2499	8.5	0.2130	8.7	0.0313	2.1	0.24	198.5	4.0	196.0	15.5	166.0	197.8	198.5	4.0	NA
JT11-53	410	42434	2.4	20.1148	3.3	0.2148	3.7	0.0313	1.7	0.45	198.9	3.2	197.6	6.6	181.7	76.4	198.9	3.2	NA
JT11-59	136	19776	2.3	18.1539	8.8	0.2403	9.3	0.0316	2.9	0.31	200.8	5.7	218.7	18.3	415.6	198.0	200.8	5.7	NA
JT11-45	373	34624	2.4	20.4078	3.1	0.2141	3.4	0.0317	1.5	0.44	201.1	3.0	197.0	6.2	147.9	72.7	201.1	3.0	NA
JT11-54	272	22853	2.1	19.8834	5.7	0.2200	6.0	0.0317	1.9	0.31	201.3	3.7	201.9	11.0	208.6	131.8	201.3	3.7	NA
JT11-38	199	26621	2.4	20.7947	8.3	0.2117	8.4	0.0319	1.3	0.16	202.6	2.6	195.0	14.9	103.7	196.8	202.6	2.6	NA

JT11-47	304	39608	2.2	19.6619	3.0	0.2251	3.5	0.0321	1.7	0.49	203.6	3.4	206.1	6.5	234.5	70.1	203.6	3.4	NA
JT11-29	485	13511	2.4	14.5547	13.9	0.3098	14.2	0.0327	2.9	0.21	207.4	6.0	274.0	34.2	889.9	289.0	207.4	6.0	NA
JT11-81	1104	178726	1.7	19.8132	1.5	0.2276	2.3	0.0327	1.8	0.77	207.5	3.6	208.2	4.3	216.8	33.8	207.5	3.6	NA
JT11-25	105	32252	1.5	20.9372	11.1	0.2167	11.4	0.0329	2.5	0.22	208.7	5.1	199.2	20.7	87.5	265.0	208.7	5.1	NA
JT11-3	91	13761	2.3	18.7650	12.3	0.2529	12.5	0.0344	2.1	0.17	218.2	4.5	228.9	25.5	341.2	279.1	218.2	4.5	NA
JT11-100	63	10571	2.0	18.9888	19.1	0.2536	19.2	0.0349	2.0	0.10	221.3	4.3	229.5	39.4	314.3	436.9	221.3	4.3	NA
JT11-42	64	5795	2.0	20.4240	15.7	0.2373	16.1	0.0352	3.3	0.20	222.7	7.2	216.2	31.3	146.0	370.5	222.7	7.2	NA
JT11-95	260	37316	3.6	19.7004	5.0	0.2485	5.3	0.0355	1.9	0.36	224.9	4.2	225.4	10.8	229.9	115.3	224.9	4.2	NA
JT11-76	41	7078	4.7	20.3897	29.6	0.2674	30.3	0.0395	6.4	0.21	250.0	15.7	240.6	65.0	150.0	708.1	250.0	15.7	NA
JT11-64	286	33609	1.3	19.4424	3.2	0.2824	3.5	0.0398	1.5	0.43	251.7	3.7	252.6	7.8	260.3	72.5	251.7	3.7	NA
JT11-60	231	22955	3.9	19.0953	3.3	0.3801	3.6	0.0526	1.5	0.41	330.7	4.7	327.1	10.2	301.5	75.8	330.7	4.7	NA
JT11-12	172	18435	1.7	19.3227	4.7	0.3848	5.0	0.0539	1.9	0.37	338.6	6.2	330.6	14.2	274.5	107.0	338.6	6.2	NA
JT11-61	295	11728	2.7	17.9705	3.5	0.4138	9.4	0.0539	8.8	0.93	338.7	28.9	351.6	28.1	438.3	78.0	338.7	28.9	NA
JT11-85	409	67161	1.7	18.6403	1.8	0.4272	2.6	0.0577	1.9	0.72	361.9	6.6	361.2	7.9	356.3	40.5	361.9	6.6	NA
JT11-73	452	48411	1.6	18.2714	2.2	0.4772	2.4	0.0632	1.1	0.43	395.3	4.1	396.1	8.0	401.2	49.2	395.3	4.1	NA
JT11-84	193	30377	2.6	18.3563	3.9	0.4827	4.2	0.0643	1.5	0.35	401.5	5.7	399.9	13.9	390.8	88.3	401.5	5.7	102.7
JT11-11	100	16903	1.2	18.3469	5.1	0.4898	5.8	0.0652	2.7	0.47	407.0	10.7	404.8	19.3	392.0	114.9	407.0	10.7	103.8
JT11-16	155	28157	2.0	18.1333	3.5	0.5022	3.7	0.0661	1.2	0.32	412.3	4.7	413.2	12.6	418.2	78.4	412.3	4.7	98.6
JT11-63	203	85257	2.3	17.8137	3.1	0.5179	3.3	0.0669	1.3	0.38	417.6	5.1	423.8	11.5	457.7	68.2	417.6	5.1	91.2
JT11-62	108	28236	1.3	17.9466	3.8	0.5148	4.3	0.0670	1.9	0.45	418.1	7.8	421.6	14.7	441.2	84.5	418.1	7.8	94.7
JT11-40	168	24171	2.5	17.8789	3.0	0.5171	3.4	0.0670	1.7	0.49	418.3	6.8	423.2	11.8	449.6	66.1	418.3	6.8	93.0
JT11-48	246	94179	1.5	18.4380	2.3	0.5036	2.9	0.0673	1.7	0.61	420.1	7.1	414.1	9.7	380.8	51.1	420.1	7.1	110.3
JT11-39	85	14982	2.0	18.6518	5.0	0.4986	5.4	0.0674	2.1	0.39	420.8	8.5	410.7	18.2	354.9	112.5	420.8	8.5	118.6
JT11-71	102	19001	1.7	18.6170	5.7	0.4999	6.1	0.0675	2.2	0.37	421.1	9.2	411.6	20.7	359.1	128.5	421.1	9.2	117.3
JT11-79	335	58882	2.4	17.8766	2.2	0.5219	2.5	0.0677	1.3	0.51	422.1	5.3	426.4	8.9	449.9	48.6	422.1	5.3	93.8
JT11-36	110	23983	1.8	18.0133	5.7	0.5181	6.1	0.0677	1.9	0.32	422.2	7.9	423.9	21.0	433.0	128.0	422.2	7.9	97.5
JT11-13	65	26553	2.2	17.7952	15.9	0.5260	16.1	0.0679	2.1	0.13	423.4	8.4	429.2	56.3	460.1	355.5	423.4	8.4	92.0
JT11-21	107	20748	2.6	18.2606	5.4	0.5129	5.6	0.0679	1.8	0.31	423.7	7.2	420.4	19.4	402.5	120.2	423.7	7.2	105.3
JT11-7	116	17323	1.6	18.5933	3.5	0.5049	4.0	0.0681	2.0	0.50	424.6	8.2	415.0	13.7	361.9	78.6	424.6	8.2	117.3
JT11-50	166	42759	2.4	17.7135	3.6	0.5312	3.7	0.0682	0.9	0.24	425.5	3.6	432.6	13.0	470.3	79.4	425.5	3.6	90.5
JT11-68	303	49823	1.2	18.2625	3.0	0.5156	3.3	0.0683	1.4	0.41	425.8	5.6	422.2	11.5	402.3	67.8	425.8	5.6	105.8
JT11-72	54	9313	2.6	18.1671	16.3	0.5183	16.6	0.0683	3.2	0.19	425.9	13.2	424.0	57.7	414.0	366.9	425.9	13.2	102.9
JT11-99	210	61514	1.6	18.0039	2.8	0.5236	3.1	0.0684	1.3	0.43	426.4	5.5	427.6	10.8	434.1	61.8	426.4	5.5	98.2
JT11-55	76	28413	2.3	18.3342	6.2	0.5145	6.5	0.0684	1.8	0.28	426.6	7.6	421.5	22.4	393.5	139.5	426.6	7.6	108.4
JT11-77	204	49658	2.2	18.1950	2.9	0.5191	3.4	0.0685	1.8	0.54	427.1	7.6	424.5	11.8	410.6	63.9	427.1	7.6	104.0
JT11-20	120	31270	1.7	18.3662	3.3	0.5143	4.2	0.0685	2.6	0.62	427.2	10.6	421.3	14.4	389.6	73.5	427.2	10.6	109.6
JT11-98	287	57833	1.6	18.1285	2.3	0.5217	2.8	0.0686	1.5	0.55	427.6	6.3	426.3	9.7	418.8	51.8	427.6	6.3	102.1
JT11-18	76	18312	2.8	18.1890	7.0	0.5209	7.3	0.0687	1.9	0.26	428.4	7.7	425.7	25.3	411.3	157.1	428.4	7.7	104.2
JT11-86	95	23566	1.8	18.4039	6.5	0.5154	6.7	0.0688	1.8	0.26	428.9	7.3	422.1	23.3	385.0	146.3	428.9	7.3	111.4
JT11-14	91	40999	2.6	18.1451	3.8	0.5233	3.9	0.0689	1.0	0.26	429.3	4.3	427.3	13.7	416.7	84.5	429.3	4.3	103.0
JT11-1	71	44211	3.6	19.1688	7.0	0.4960	7.5	0.0690	2.7	0.36	429.8	11.2	409.0	25.3	292.8	160.0	429.8	11.2	146.8
JT11-74	79	24100	2.1	18.4433	7.1	0.5158	7.4	0.0690	2.0	0.27	430.1	8.2	422.3	25.5	380.2	160.0	430.1	8.2	113.1
JT11-23	173	23216	2.0	17.7413	3.0	0.5364	4.2	0.0690	3.0	0.70	430.2	12.3	436.0	14.9	466.8	66.2	430.2	12.3	92.2
JT11-27	90	14846	2.5	18.5540	7.1	0.5130	7.2	0.0690	1.4	0.20	430.3	6.0	420.5	24.9	366.7	159.6	430.3	6.0	117.3
JT11-35	72	9099	2.8	18.3943	14.3	0.5182	14.4	0.0691	1.9	0.13	430.9	8.1	424.0	50.1	386.2	322.9	430.9	8.1	111.6
JT11-87	84	12932	2.9	18.5869	7.5	0.5136	7.6	0.0692	1.4	0.18	431.6	5.7	420.9	26.2	362.7	168.8	431.6	5.7	119.0
JT11-70	160	56099	2.4	18.2040	3.1	0.5259	3.5	0.0694	1.6	0.45	432.8	6.5	429.1	12.2	409.5	69.6	432.8	6.5	105.7
JT11-89	103	26001	1.8	18.9445	4.0	0.5078	4.9	0.0698	2.8	0.57	434.8	11.7	417.0	16.8	319.6	91.9	434.8	11.7	136.0
JT11-5	130	35262	1.9	17.5826	2.9	0.5494	3.1	0.0701	0.9	0.29	436.5	3.8	444.6	11.1	486.7	64.9	436.5	3.8	89.7
JT11-15	215	49310	1.8	18.1999	2.2	0.5317	3.3	0.0702	2.5	0.75	437.2	10.5	432.9	11.8	410.0	49.8	437.2	10.5	106.7
JT11-66	92	16860	2.9	17.8149	3.6	0.5448	3.9	0.0704	1.5	0.38	438.5	6.3	441.6	14.1	457.6	80.7	438.5	6.3	95.8
JT11-93	147	38963	1.8	17.7892	5.3	0.5464	5.6	0.0705	1.6	0.30	439.1	7.0	442.6	19.9	460.8	117.8	439.1	7.0	95.3
JT11-19	137	25780	3.7	17.7971	3.8	0.5517	4.3	0.0712	1.9	0.44	443.5	8.1	446.1	15.4	459.8	84.7	443.5	8.1	96.4
JT11-22	401	19419	2.3	18.1735	1.4	0.5433	1.9	0.0716	1.2	0.66	445.8	5.3	440.6	6.7	413.2	31.6	445.8	5.3	107.9
JT11-4	126	29536	1.9	18.7626	5.8	0.5267	6.2	0.0717	2.2	0.36	446.2	9.6	429.6	21.8	341.5	131.8	446.2	9.6	130.7
JT11-26	210	60876	3.2	17.9182	3.2	0.5516	3.5	0.0717	1.3	0.36	446.3	5.4	446.0	12.5	444.8	71.8	446.3	5.4	100.3
JT11-37	367	78425	4.3	17.9049	1.8	0.5547	2.3	0.0720	1.4	0.63	448.4	6.2	448.0	8.3	446.4	39.4	448.4	6.2	100.4
JT11-80	199	32640	2.2	17.7780	3.4	0.5718	3.7	0.0737	1.3	0.36	458.6	5.9	459.2	13.6	462.2	75.8	458.6	5.9	99.2
JT11-30	67	13399	4.2	19.6965	8.5	0.5288	8.8	0.0755	2.0	0.23	469.5	9.2	431.0	30.8	230.4	197.0	469.5	9.2	203.8
JT11-58	254	34237	2.1	18.0737	2.1	0.5971	2.7	0.0783	1.7	0.64	485.8	8.1	475.4	10.3	425.5	46.8	485.8	8.1	114.2
JT11-56	115	52272	0.8	15.8926	1.7	0.9956	2.7	0.1148	2.1	0.77	700.3	14.1	701.6	13.9	705.6	36.9	700.3	14.1	99.2
JT11-10	85	42635	2.5	12.7515	1.6	2.1298	2.1	0.1970	1.4	0.66	1159.0	14.8	1158.5	14.7	1157.6	31.7	1157.6	31.7	100.1
JT11-67	138	100850	17.7	12.7206	1.4	2.1550	3.7	0.1988	3.4	0.93	1169.0	36.4	1166.7	25.4	1162.4	26.9	1162.4	26.9	100.6
JT11-90	148	60095	2.0	12.7025	1.4	2.0908	1.6	0.1926	0.9	0.55	1135.6	9.5	1145.8	11.3	1165.2	27.0	1165.2	27.0	97.5
JT11-57	64	37731	2.0	10.8175	2.4	3.4140	3.0	0.2678	1.8	0.60	1529.9	24.5	1507.6	23.5	1476.5	45.4	1476.5	45.4	103.6
JT11-34	149	112646	1.2	10.5742	0.3	3.5255	1.0	0.2704	1.0	0.95	1542.7	13.1	1533.0	7.9	1519.5	5.7	1519.5	5.7	101.5
JT11-44	190	230091	1.4	10.4430	0.8	3.5470	1.7	0.2686	1.5	0.87	1533.9	20.0	1537.8	13.3	1543.0	15.5	1543.0	15.5	99.4
JT11-24	146	50344	2.3	8.6086	0.5	5.5382	1.0	0.3458	0.9	0.87	1914.4	14.8	1906.6	8.8	1898.0	8.9	1898.0	8.9	100.9
JT11-65	21	20132	1.7	8.0793	2.4	6.1718	2.7	0.3616	1.2	0.45	1990.0	21.0	2000.5	23.8	2011.3	43.2	2011.3	43.2	98.9
JT11-8	31	23790	1.2	6.3293	2.1	9.1228	4.4	0.4188	3.9	0.88	2254.9	74.4	2350.4	40.5	2434.3	35.2	2434.3	35.2	92.6
JT11-94	103	163478	2.2	5.8090	0.2	11.8695	1.1	0.5001	1.1	0.98	2614.1	23.0	2594.2	10.2	2578.6	3.8	2578.6	3.8	101.4
JT11-6	195	332141	2.2	5.7167	0.2	12.0647	1.1	0.5002	1.1	0.98	2614.7	23.0	2609.4	10.2	2605.3	3.2	2605.3	3.2	100.4

Notes:

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 <600 Ma.
3. Best age is determined from 206Pb/238U age for analyses with 206Pb/238U age <900 Ma and from 206Pb/207Pb age for analyses with 206Pb/238Uage > 900 Ma.
4. Concordance is based on 206Pb/238U age / 206Pb/207Pb age. Values are unreliable for young analyses 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, a manual discordance filter is applied and these analyses that fall off of concordia are designated as "Discordant" in column "u" and are not considered further.
7. Analyses with 206Pb/238U age > 500 Ma and with >5% reverse discordance (<105% concordance) are not included.
8. All uncertainties are reported at the 1-sigma level, and include only measurement errors.
9. Systematic errors are as follows (at 2-sigma level): [Range= 0.7 to 1.1% (206Pb/238U) & 0.7-0.8% (206Pb/207Pb)] Actual values are reported in column "U" for each sample.
10. Analyses conducted by LA-MC-ICPMS, as described by Gehrels et al. (2008).
11. U concentration and U/Th are calibrated relative to Sri Lanka zircon standard and are accurate to ~20%.
12. Common Pb correction is from measured 204Pb with common Pb composition interpreted from Stacey and Kramers (1975).
13. Common Pb composition assigned uncertainties of 1.5 for 206Pb/204Pb, 0.3 for 207Pb/204Pb, and 2.0 for 208Pb/204Pb.
14. 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).

15. U decay constants and composition as follows: 238U = 9.8485 x 10-10, 235U = 1.55125 x 10-10, 238U/235U = 137.88.
16. Weighted mean and concordia plots determined with Isoplot (Ludwig, 2008).
17. Analyses in red are not used for age interpretation.

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