

Table S1. LA-ICP-MS zircon U-Pb data of the glassy crystal tuff (YD1-50).

Point number	Th (ppm)	U (ppm)	Th /U	Isotope ratio						Age (Ma)					
				<sup>207</sup> Pb/ <sup>206</sup> Pb	1σ	<sup>207</sup> Pb/ <sup>235</sup> U	1σ	<sup>206</sup> Pb/ <sup>238</sup> U	1σ	<sup>207</sup> Pb/ <sup>206</sup> Pb	1σ	<sup>207</sup> Pb/ <sup>235</sup> U	1σ	<sup>206</sup> Pb/ <sup>238</sup> U	1σ
YD1-50-01	330	590	0.56	0.05084	0.00161	0.15313	0.00572	0.02180	0.00034	235.3	69.4	144.7	5.0	139.0	2.2
YD1-50-02	365	765	0.48	0.04855	0.00143	0.14417	0.00463	0.02156	0.00031	127.9	70.4	136.7	4.1	137.5	2.0
YD1-50-03	271	372	0.73	0.05258	0.00236	0.15806	0.00764	0.02193	0.00038	309.3	101.8	149.0	6.7	139.9	2.4
YD1-50-05	217	339	0.64	0.04949	0.00184	0.14730	0.00575	0.02169	0.00042	172.3	87.0	139.5	5.1	138.3	2.7
YD1-50-06	256	487	0.53	0.05201	0.00160	0.15444	0.00536	0.02161	0.00039	287.1	70.4	145.8	4.7	137.8	2.5
YD1-50-07	242	298	0.81	0.04828	0.00197	0.14093	0.00593	0.02125	0.00035	122.3	96.3	133.9	5.3	135.6	2.2
YD1-50-08	255	332	0.77	0.05261	0.00193	0.15740	0.00559	0.02189	0.00036	322.3	80.5	148.4	4.9	139.6	2.3
YD1-50-09	484	661	0.73	0.05025	0.00157	0.14964	0.00512	0.02167	0.00036	205.6	72.2	141.6	4.5	138.2	2.3
YD1-50-12	357	375	0.95	0.05197	0.00187	0.15192	0.00545	0.02135	0.00035	283.4	83.3	143.6	4.8	136.2	2.2
YD1-50-14	187	322	0.58	0.04976	0.00177	0.15002	0.00561	0.02191	0.00034	183.4	83.3	141.9	5.0	139.7	2.2
YD1-50-15	146	198	0.74	0.05240	0.00228	0.15193	0.00696	0.02114	0.00045	301.9	93.5	143.6	6.1	134.9	2.8
YD1-50-17	435	656	0.66	0.05045	0.00139	0.15301	0.00432	0.02211	0.00037	216.7	64.8	144.6	3.8	141.0	2.4
YD1-50-18	320	328	0.98	0.05126	0.00196	0.15204	0.00583	0.02159	0.00036	253.8	88.9	143.7	5.1	137.7	2.3
YD1-50-19	307	549	0.56	0.05370	0.00155	0.15807	0.00459	0.02144	0.00036	366.7	66.7	149.0	4.0	136.8	2.3
YD1-50-20	218	221	0.98	0.04839	0.00278	0.14780	0.00973	0.02192	0.00039	116.8	138.9	140.0	8.6	139.7	2.5
YD1-50-21	118	159	0.74	0.05031	0.00291	0.14806	0.00895	0.02145	0.00039	209.3	130.5	140.2	7.9	136.8	2.5
YD1-50-22	304	392	0.78	0.05243	0.00202	0.15266	0.00620	0.02111	0.00032	305.6	88.9	144.3	5.5	134.7	2.0
YD1-50-23	413	280	1.47	0.05042	0.00330	0.14875	0.00912	0.02156	0.00032	213.0	156.5	140.8	8.1	137.5	2.0
YD1-50-24	181	290	0.63	0.04847	0.00231	0.14457	0.00689	0.02178	0.00037	120.5	112.9	137.1	6.1	138.9	2.3
YD1-50-26	389	446	0.87	0.05176	0.00151	0.15560	0.00451	0.02188	0.00039	276.0	66.7	146.8	4.0	139.5	2.4
YD1-50-27	65	91	0.72	0.05133	0.00372	0.14482	0.01009	0.02084	0.00040	257.5	166.6	137.3	9.0	133.0	2.5
YD1-50-28	278	405	0.69	0.05102	0.00180	0.15282	0.00626	0.02162	0.00044	242.7	76.8	144.4	5.5	137.9	2.8
YD1-50-29	202	251	0.81	0.05383	0.00287	0.15730	0.00829	0.02126	0.00050	364.9	120.4	148.3	7.3	135.6	3.1
YD1-50-32	278	322	0.86	0.04986	0.00185	0.14835	0.00558	0.02162	0.00034	187.1	87.0	140.5	4.9	137.9	2.2
YD1-50-33	230	358	0.64	0.05103	0.00191	0.15096	0.00627	0.02140	0.00032	242.7	87.0	142.8	5.5	136.5	2.0
YD1-50-35	236	339	0.70	0.04845	0.00173	0.14488	0.00578	0.02161	0.00030	120.5	88.0	137.4	5.1	137.8	1.9
YD1-50-36	146	300	0.49	0.05249	0.00240	0.15784	0.00753	0.02191	0.00040	305.6	103.7	148.8	6.6	139.7	2.5
YD1-50-37	112	207	0.54	0.04916	0.00257	0.14277	0.00738	0.02121	0.00034	166.8	122.2	135.5	6.6	135.3	2.1
YD1-50-39	320	434	0.74	0.04949	0.00155	0.14800	0.00482	0.02180	0.00036	172.3	74.1	140.1	4.3	139.0	2.3

Continued Table S1. LA-ICP-MS zircon U-Pb data of the glassy crystal tuff (YD1-50).

Point number	Th (ppm)	U (ppm)	Th /U	Isotope ratio						Age (Ma)					
				<sup>207</sup> Pb/ <sup>206</sup> Pb	1σ	<sup>207</sup> Pb/ <sup>235</sup> U	1σ	<sup>206</sup> Pb/ <sup>238</sup> U	1σ	<sup>207</sup> Pb/ <sup>206</sup> Pb	1σ	<sup>207</sup> Pb/ <sup>235</sup> U	1σ	<sup>206</sup> Pb/ <sup>238</sup> U	1σ
YD1-50-43	126	209	0.60	0.05195	0.00289	0.15669	0.00916	0.02180	0.00036	283.4	127.8	147.8	8.0	139.0	2.3
YD1-50-47	423	589	0.72	0.04856	0.00163	0.13958	0.00521	0.02080	0.00036	127.9	77.8	132.7	4.6	132.7	2.3
YD1-50-48	416	408	1.02	0.04925	0.00146	0.14838	0.00512	0.02184	0.00041	166.8	63.9	140.5	4.5	139.3	2.6
YD1-50-50	150	157	0.95	0.05388	0.00253	0.15523	0.00765	0.02087	0.00037	364.9	110.2	146.5	6.7	133.1	2.3
YD1-50-51	195	208	0.94	0.04890	0.00268	0.14384	0.00813	0.02146	0.00041	142.7	162.0	136.5	7.2	136.9	2.6
YD1-50-52	222	223	0.99	0.04888	0.00240	0.14190	0.00678	0.02115	0.00035	142.7	110.2	134.7	6.0	134.9	2.2
YD1-50-54	423	445	0.95	0.05211	0.00203	0.15057	0.00539	0.02117	0.00036	300.1	88.9	142.4	4.8	135.0	2.3
YD1-50-56	310	573	0.54	0.05234	0.00182	0.15308	0.00613	0.02115	0.00033	301.9	77.8	144.6	5.4	134.9	2.1
YD1-50-59	215	220	0.98	0.05033	0.00273	0.15323	0.00856	0.02229	0.00049	209.3	125.9	144.8	7.5	142.1	3.1
YD1-50-61	493	292	1.69	0.04862	0.00226	0.13891	0.00663	0.02074	0.00041	127.9	109.2	132.1	5.9	132.3	2.6
YD1-50-62	527	486	1.08	0.04933	0.00166	0.14964	0.00539	0.02209	0.00040	164.9	77.8	141.6	4.8	140.8	2.5
YD1-50-63	350	278	1.26	0.04933	0.00211	0.14078	0.00613	0.02075	0.00030	164.9	100.0	133.7	5.5	132.4	1.9
YD1-50-67	395	537	0.74	0.05239	0.00180	0.15784	0.00586	0.02190	0.00039	301.9	84.3	148.8	5.1	139.6	2.5
YD1-50-70	319	549	0.58	0.04908	0.00177	0.14051	0.00481	0.02090	0.00033	150.1	85.2	133.5	4.3	133.3	2.1
YD1-50-71	262	316	0.83	0.04810	0.00243	0.13833	0.00691	0.02102	0.00038	105.6	114.8	131.6	6.2	134.1	2.4
YD1-50-72	390	324	1.20	0.05113	0.00208	0.14908	0.00612	0.02124	0.00040	255.6	94.4	141.1	5.4	135.5	2.6
YD1-50-73	378	417	0.91	0.04969	0.00173	0.14278	0.00497	0.02095	0.00040	189.0	81.5	135.5	4.4	133.7	2.5
YD1-50-75	197	192	1.03	0.04978	0.00314	0.14118	0.00807	0.02099	0.00041	183.4	146.3	134.1	7.2	133.9	2.6
YD1-50-81	443	571	0.78	0.05039	0.00141	0.14762	0.00469	0.02123	0.00035	213.0	64.8	139.8	4.2	135.4	2.2
YD1-50-86	233	338	0.69	0.05344	0.00191	0.15958	0.00671	0.02164	0.00044	346.4	81.5	150.3	5.9	138.0	2.8
YD1-50-87	183	285	0.64	0.04826	0.00249	0.14701	0.00796	0.02211	0.00034	122.3	105.5	139.3	7.0	141.0	2.1
YD1-50-89	386	598	0.65	0.05075	0.00152	0.15539	0.00535	0.02230	0.00041	227.8	65.7	146.7	4.7	142.2	2.6
YD1-50-90	386	437	0.88	0.04959	0.00176	0.15170	0.00572	0.02232	0.00039	176.0	78.7	143.4	5.0	142.3	2.5
YD1-50-93	248	453	0.55	0.04965	0.00190	0.14963	0.00615	0.02202	0.00043	189.0	88.9	141.6	5.4	140.4	2.7
YD1-50-94	463	708	0.65	0.04889	0.00146	0.14879	0.00485	0.02216	0.00034	142.7	65.7	140.8	4.3	141.3	2.2
YD1-50-95	220	216	1.02	0.04995	0.00267	0.14306	0.00761	0.02090	0.00035	194.5	128.7	135.8	6.8	133.3	2.2
YD1-50-96	220	348	0.63	0.05352	0.00217	0.15807	0.00673	0.02148	0.00035	350.1	90.7	149.0	5.9	137.0	2.2
YD1-50-98	364	295	1.23	0.05148	0.00221	0.15274	0.00631	0.02169	0.00034	261.2	102.8	144.3	5.6	138.3	2.2
YD1-50-100	260	389	0.67	0.04939	0.00185	0.14528	0.00557	0.02144	0.00038	164.9	87.0	137.7	4.9	136.7	2.4

**Table S2.** LA-ICP-MS zircon U-Pb data of the calcareous feldspar lithic sandstone (YD1-464).

Point number	Th (ppm)	U (ppm)	Th/U	Isotope ratio						Age (Ma)					
				<sup>207</sup> Pb/ <sup>206</sup> Pb	1 $\sigma$	<sup>207</sup> Pb/ <sup>235</sup> U	1 $\sigma$	<sup>206</sup> Pb/ <sup>238</sup> U	1 $\sigma$	<sup>207</sup> Pb/ <sup>206</sup> Pb	1 $\sigma$	<sup>207</sup> Pb/ <sup>235</sup> U	1 $\sigma$	<sup>206</sup> Pb/ <sup>238</sup> U	1 $\sigma$
YD1-464-01	637	930	0.69	0.04986	0.00161	0.17699	0.00575	0.02575	0.00032	187.1	69.4	165.5	5.0	163.9	2.0
YD1-464-03	601	517	1.16	0.05324	0.00156	0.23952	0.00716	0.03268	0.00054	338.9	97.2	218.0	5.9	207.3	3.3
YD1-464-06	158	554	0.29	0.05330	0.00148	0.36608	0.01144	0.04971	0.00065	342.7	95.4	316.7	8.5	312.8	4.0
YD1-464-07	236	177	1.33	0.16902	0.00244	10.71549	0.23693	0.45902	0.00714	2547.8	24.1	2498.8	20.5	2435.2	31.5
YD1-464-11	240	293	0.82	0.16423	0.00236	10.72106	0.25910	0.47394	0.01023	2499.7	24.1	2499.3	22.4	2500.8	44.8
YD1-464-12	400	769	0.52	0.05112	0.00161	0.16302	0.00517	0.02325	0.00041	255.6	72.2	153.3	4.5	148.2	2.6
YD1-464-13	413	333	1.24	0.05251	0.00142	0.31589	0.00982	0.04360	0.00069	309.3	56.5	278.7	7.6	275.1	4.3
YD1-464-15	104	183	0.57	0.18218	0.00264	12.93988	0.27438	0.51569	0.00903	2673.2	24.1	2675.3	20.0	2680.9	38.4
YD1-464-16	150	295	0.51	0.15986	0.00228	11.23579	0.28398	0.50956	0.01045	2454.0	24.1	2542.9	23.6	2654.8	44.6
YD1-464-17	264	599	0.44	0.16304	0.00225	10.56655	0.28171	0.47233	0.01351	2487.3	22.7	2485.8	24.7	2493.8	59.2
YD1-464-18	757	519	1.46	0.05269	0.00138	0.28502	0.00940	0.03914	0.00056	322.3	59.3	254.6	7.4	247.5	3.5
YD1-464-19	46	60	0.77	0.05370	0.00390	0.37797	0.02838	0.05128	0.00109	366.7	167.6	325.5	20.9	322.4	6.7
YD1-464-20	918	1383	0.66	0.05080	0.00118	0.30150	0.00891	0.04305	0.00080	231.6	53.7	267.6	7.0	271.7	5.0
YD1-464-23	515	269	1.91	0.05029	0.00220	0.16823	0.00799	0.02423	0.00043	209.3	101.8	157.9	6.9	154.4	2.7
YD1-464-26	239	436	0.55	0.05259	0.00159	0.30191	0.00934	0.04182	0.00073	322.3	75.0	267.9	7.3	264.1	4.5
YD1-464-28	76	65	1.17	0.16336	0.00319	10.51063	0.21677	0.46786	0.00792	2490.4	33.0	2480.9	19.1	2474.2	34.8
YD1-464-31	90	132	0.68	0.05249	0.00335	0.28636	0.01750	0.04009	0.00079	305.6	150.9	255.7	13.8	253.4	4.9
YD1-464-32	1384	770	1.80	0.05079	0.00141	0.18580	0.00561	0.02654	0.00046	231.6	64.8	173.0	4.8	168.9	2.9
YD1-464-33	840	865	0.97	0.05213	0.00124	0.28211	0.00770	0.03915	0.00053	300.1	53.7	252.3	6.1	247.6	3.3
YD1-464-35	131	180	0.73	0.05290	0.00235	0.31685	0.01502	0.04335	0.00077	324.1	100.0	279.5	11.6	273.6	4.7
YD1-464-36	455	623	0.73	0.04910	0.00176	0.17236	0.00689	0.02534	0.00038	153.8	85.2	161.5	6.0	161.3	2.4
YD1-464-37	272	278	0.98	0.04975	0.00234	0.16990	0.00820	0.02477	0.00042	183.4	111.1	159.3	7.1	157.7	2.6
YD1-464-38	302	395	0.76	0.09827	0.00159	3.74967	0.07057	0.27640	0.00380	1591.7	30.4	1582.0	15.1	1573.2	19.2
YD1-464-41	54	79	0.69	0.16410	0.00289	10.84543	0.22345	0.47874	0.00686	2498.5	29.6	2510.0	19.2	2521.8	29.9
YD1-464-45	70	174	0.40	0.16585	0.00270	10.95170	0.21522	0.47832	0.00671	2516.4	27.5	2519.0	18.3	2520.0	29.2
YD1-464-46	316	291	1.08	0.05434	0.00196	0.34810	0.01288	0.04642	0.00055	383.4	81.5	303.3	9.7	292.5	3.4
YD1-464-47	110	128	0.86	0.16697	0.00278	11.00964	0.22048	0.47781	0.00762	2527.5	28.1	2523.9	18.6	2517.7	33.2
YD1-464-48	366	398	0.92	0.05588	0.00152	0.47330	0.01300	0.06147	0.00081	455.6	59.3	393.5	9.0	384.5	4.9
YD1-464-49	872	1001	0.87	0.05028	0.00102	0.27035	0.00578	0.03905	0.00064	209.3	43.5	243.0	4.6	246.9	3.9

**Continued Table S2.** LA-ICP-MS zircon U-Pb data of the calcareous feldspar lithic sandstone (YD1-464).

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YD1-464-50	168	211	0.80	0.16626	0.00282	10.64959	0.27004	0.46429	0.00997	2520.1	29.2	2493.0	23.5	2458.5	43.9
YD1-464-51	164	131	1.25	0.05042	0.00378	0.17099	0.01282	0.02489	0.00049	213.0	178.7	160.3	11.1	158.5	3.1
YD1-464-52	160	304	0.53	0.05110	0.00200	0.27462	0.01037	0.03908	0.00054	255.6	88.9	246.4	8.3	247.2	3.3
YD1-464-54	24	22	1.09	0.11459	0.00477	4.63359	0.18862	0.29364	0.00400	1873.2	75.3	1755.3	34.0	1659.7	19.9
YD1-464-55	152	97	1.56	0.05348	0.00373	0.16623	0.01162	0.02268	0.00054	350.1	157.4	156.1	10.1	144.6	3.4
YD1-464-56	169	268	0.63	0.05057	0.00226	0.16259	0.00699	0.02345	0.00044	220.4	99.1	153.0	6.1	149.5	2.7
YD1-464-57	620	412	1.50	0.05220	0.00234	0.16378	0.00725	0.02283	0.00036	294.5	103.7	154.0	6.3	145.5	2.3
YD1-464-58	257	334	0.77	0.15685	0.00229	9.99169	0.24982	0.46088	0.00896	2421.9	24.2	2434.0	23.1	2443.5	39.5
YD1-464-59	83	143	0.58	0.05631	0.00363	0.30460	0.01996	0.03958	0.00077	464.9	144.4	270.0	15.5	250.2	4.8
YD1-464-60	512	444	1.15	0.05387	0.00244	0.18697	0.00883	0.02522	0.00050	364.9	101.8	174.0	7.6	160.6	3.1
YD1-464-61	166	152	1.10	0.11205	0.00197	4.62436	0.11095	0.29866	0.00456	1833.0	26.9	1753.7	20.0	1684.7	22.6
YD1-464-64	328	454	0.72	0.05289	0.00175	0.30164	0.01047	0.04132	0.00054	324.1	71.3	267.7	8.2	261.0	3.4
YD1-464-67	125	226	0.55	0.04924	0.00357	0.15101	0.01046	0.02233	0.00036	166.8	153.7	142.8	9.2	142.3	2.3
YD1-464-68	760	1140	0.67	0.05414	0.00127	0.26874	0.00799	0.03588	0.00061	376.0	51.8	241.7	6.4	227.3	3.8
YD1-464-69	397	363	1.09	0.05093	0.00172	0.26025	0.01006	0.03691	0.00062	239.0	77.8	234.9	8.1	233.7	3.8
YD1-464-70	58	52	1.13	0.05361	0.00788	0.17953	0.02716	0.02480	0.00067	353.8	303.7	167.7	23.4	158.0	4.2
YD1-464-71	363	600	0.60	0.05574	0.00175	0.35295	0.01276	0.04577	0.00073	442.6	68.5	306.9	9.6	288.5	4.5
YD1-464-72	376	327	1.15	0.04908	0.00150	0.30868	0.00938	0.04567	0.00066	150.1	70.4	273.2	7.3	287.9	4.0
YD1-464-73	977	740	1.32	0.05456	0.00145	0.29371	0.00762	0.03911	0.00060	394.5	54.6	261.5	6.0	247.3	3.8
YD1-464-74	130	155	0.84	0.05757	0.00295	0.45455	0.02354	0.05726	0.00074	522.3	117.6	380.5	16.4	358.9	4.5
YD1-464-76	260	313	0.83	0.16567	0.00217	11.11883	0.21418	0.48573	0.00727	2514.5	21.9	2533.1	17.9	2552.2	31.5
YD1-464-78	314	444	0.71	0.05568	0.00151	0.52467	0.01357	0.06844	0.00096	438.9	54.6	428.3	9.0	426.8	5.8
YD1-464-80	346	464	0.75	0.17606	0.00272	12.14546	0.25048	0.50014	0.00868	2616.4	26.1	2615.7	19.3	2614.4	37.3
YD1-464-82	150	293	0.51	0.05534	0.00254	0.31728	0.01441	0.04169	0.00060	433.4	101.8	279.8	11.1	263.3	3.7
YD1-464-83	100	212	0.47	0.16777	0.00252	10.45595	0.19772	0.45190	0.00651	2535.5	25.3	2476.0	17.5	2403.7	28.9
YD1-464-84	735	274	2.68	0.05504	0.00277	0.27495	0.01364	0.03632	0.00060	413.0	113.0	246.6	10.9	230.0	3.7
YD1-464-85	197	143	1.37	0.16891	0.00239	11.47396	0.25309	0.49241	0.00896	2546.6	23.0	2562.5	20.6	2581.1	38.7

YD1-464-86	159	159	1.00	0.15728	0.00230	9.86265	0.24068	0.45398	0.00856	2427.8	24.7	2422.0	22.5	2412.9	37.9
YD1-464-87	125	241	0.52	0.05192	0.00204	0.36163	0.01270	0.05090	0.00071	283.4	88.9	313.4	9.5	320.0	4.3

**Continued Table S2.** LA-ICP-MS zircon U-Pb data of the calcareous feldspar lithic sandstone(YD1-464).

Point number	Th (ppm)	U (ppm)	Th/U	Isotope ratio						Age (Ma)					
				<sup>207</sup> Pb/ <sup>206</sup> Pb	1σ	<sup>207</sup> Pb/ <sup>235</sup> U	1σ	<sup>206</sup> Pb/ <sup>238</sup> U	1σ	<sup>207</sup> Pb/ <sup>206</sup> Pb	1σ	<sup>207</sup> Pb/ <sup>235</sup> U	1σ	<sup>206</sup> Pb/ <sup>238</sup> U	1σ
YD1-464-88	371	456	0.81	0.04966	0.00199	0.16949	0.00678	0.02489	0.00047	189.0	125.0	159.0	5.9	158.5	2.9
YD1-464-89	356	541	0.66	0.05481	0.00197	0.28375	0.01010	0.03770	0.00064	405.6	81.5	253.6	8.0	238.6	4.0
YD1-464-90	1731	440	3.93	0.05206	0.00222	0.27860	0.01220	0.03917	0.00091	287.1	98.1	249.5	9.7	247.7	5.6
YD1-464-91	331	370	0.89	0.05029	0.00193	0.17772	0.00630	0.02575	0.00038	209.3	88.9	166.1	5.4	163.9	2.4
YD1-464-92	361	402	0.90	0.05220	0.00198	0.18751	0.00754	0.02616	0.00064	294.5	91.7	174.5	6.4	166.4	4.0
YD1-464-93	368	706	0.52	0.04946	0.00139	0.15567	0.00500	0.02281	0.00038	168.6	66.7	146.9	4.4	145.4	2.4
YD1-464-94	287	289	0.99	0.05263	0.00182	0.28587	0.01012	0.03949	0.00069	322.3	79.6	255.3	8.0	249.7	4.3
YD1-464-96	471	771	0.61	0.07815	0.00118	2.13110	0.04643	0.19758	0.00377	1150.9	30.1	1158.9	15.1	1162.3	20.3
YD1-464-97	84	85	0.99	0.05020	0.00387	0.28257	0.02004	0.04135	0.00067	211.2	179.6	252.7	15.9	261.2	4.1
YD1-464-98	267	635	0.42	0.05315	0.00150	0.31432	0.00924	0.04286	0.00063	344.5	32.4	277.5	7.1	270.5	3.9
YD1-464-99	180	329	0.55	0.05496	0.00240	0.29667	0.01332	0.03910	0.00063	409.3	98.1	263.8	10.4	247.3	3.9
YD1-464-100	212	230	0.92	0.05303	0.00349	0.18461	0.01151	0.02559	0.00047	331.5	150.0	172.0	9.9	162.9	3.0

**Table S3.** LA-ICP-MS zircon U-Pb data of the rhyolitic tuff (YD1-878).

Point number	Th (ppm)	U (ppm)	Th/U	Isotope ratio						Age (Ma)					
				<sup>207</sup> Pb/ <sup>206</sup> Pb	1σ	<sup>207</sup> Pb/ <sup>235</sup> U	1σ	<sup>206</sup> Pb/ <sup>238</sup> U	1σ	<sup>207</sup> Pb/ <sup>206</sup> Pb	1σ	<sup>207</sup> Pb/ <sup>235</sup> U	1σ	<sup>206</sup> Pb/ <sup>238</sup> U	1σ
YD1-878-01	217	187	1.16	0.05657	0.00425	0.18803	0.01387	0.02422	0.00059	476.0	166.6	174.9	11.9	154.3	3.7
YD1-878-03	400	460	0.87	0.05311	0.00235	0.17505	0.00769	0.02396	0.00028	344.5	100.0	163.8	6.6	152.6	1.8
YD1-878-04	297	501	0.59	0.04846	0.00217	0.15679	0.00680	0.02353	0.00023	120.5	110.2	147.9	6.0	149.9	1.4
YD1-878-09	492	526	0.93	0.05338	0.00310	0.17844	0.00996	0.02440	0.00025	346.4	131.5	166.7	8.6	155.4	1.6
YD1-878-10	477	546	0.87	0.05427	0.00270	0.18765	0.00905	0.02513	0.00037	383.4	83.3	174.6	7.7	160.0	2.4
YD1-878-11	394	217	1.81	0.04893	0.00314	0.16664	0.00977	0.02504	0.00042	142.7	144.4	156.5	8.5	159.4	2.6
YD1-878-15	234	171	1.37	0.04915	0.00511	0.16333	0.01623	0.02436	0.00041	153.8	235.2	153.6	14.2	155.2	2.6
YD1-878-16	206	206	1.00	0.05423	0.00336	0.18239	0.01179	0.02450	0.00044	388.9	143.5	170.1	10.1	156.0	2.8
YD1-878-17	492	273	1.80	0.05352	0.00333	0.17570	0.00989	0.02412	0.00041	350.1	137.9	164.4	8.5	153.6	2.6
YD1-878-21	492	542	0.91	0.04685	0.00226	0.15309	0.00773	0.02369	0.00032	42.7	111.1	144.6	6.8	150.9	2.0
YD1-878-22	148	153	0.97	0.05391	0.00436	0.18034	0.01496	0.02417	0.00035	368.6	183.3	168.4	12.9	153.9	2.2
YD1-878-24	350	386	0.91	0.04888	0.00217	0.16504	0.00733	0.02451	0.00029	142.7	103.7	155.1	6.4	156.1	1.8
YD1-878-25	286	184	1.56	0.05270	0.00422	0.17000	0.01317	0.02362	0.00047	316.7	181.5	159.4	11.4	150.5	2.9
YD1-878-28	157	170	0.93	0.04688	0.00347	0.15177	0.01037	0.02371	0.00040	42.7	170.3	143.5	9.1	151.1	2.5
YD1-878-30	337	216	1.56	0.05265	0.00401	0.17312	0.01256	0.02404	0.00044	322.3	174.1	162.1	10.9	153.1	2.8