

Yuhara et al. Appendix

Spot label	$^{238}\text{U}/^{206}\text{Pb}^* \pm 2\sigma$	$^{207}\text{Pb}^*/^{206}\text{Pb}^* \pm 2\sigma$	$^{206}\text{Pb}^*/^{238}\text{U}^* \text{ age} \pm 2\sigma$ (Ma)	$^{207}\text{Pb}^*/^{235}\text{U} \text{ age} \pm 2\sigma$ (Ma)	$^{207}\text{Pb}^*/^{206}\text{Pb}^* \text{ age} \pm 2\sigma$ (Ma)	Th/U	Disc. ^a (%)					
006TGW10	24.95	0.75	0.0545	0.0077	253.3	7.5	267.4	34.4	392.8	351.9	0.44	5.6
007TGW10	25.69	0.80	0.0508	0.0025	246.2	7.5	244.7	12.7	231.3	117.3	0.43	-0.6
008TGW10	6.58	0.24	0.0679	0.0017	912.5	30.7	898.8	26.6	865.4	52.7	0.21	-1.5
009TGW10	6.50	0.19	0.0697	0.0019	922.0	25.0	902.9	24.5	918.2	56.5	0.38	-0.1
010TGW10	26.22	0.73	0.0484	0.0022	241.3	6.6	230.3	11.2	119.6	112.1	1.21	-4.6
011TGW10	25.19	0.93	0.0533	0.0053	251.0	9.1	259.8	24.6	339.9	241.3	0.94	3.5
012TGW10	14.23	0.38	0.0554	0.0020	437.8	11.4	436.1	16.4	427.4	84.7	0.26	-0.4
013TGW10	14.17	0.38	0.0558	0.0019	439.7	11.5	440.4	15.5	444.2	77.5	0.61	0.2
014TGW10	26.99	0.92	0.0548	0.0035	234.5	7.8	250.7	16.1	405.1	147.5	1.96	6.9
015TGW10 ^d	28.79	1.04	0.0606	0.0019	220.2	7.8	258.8	11.0	624.8	70.5	0.62	17.5
020TGW10	27.99	1.15	0.0518	0.0056	226.3	9.1	230.9	24.2	277.9	268.1	0.48	2.0
021TGW10	26.53	0.85	0.0527	0.0041	238.5	7.5	245.6	18.3	313.7	185.4	0.64	3.0
022TGW10	14.52	0.39	0.0523	0.0026	429.3	11.2	409.1	19.4	296.7	118.3	0.65	-4.7
023TGW10	12.30	0.37	0.0551	0.0020	503.8	14.6	488.3	18.4	416.1	82.5	0.44	-3.1
024TGW10	2.95	0.09	0.1360	0.0026	1883.2	47.5	2027.0	31.2	2176.8	33.5	0.12	7.6
025TGW10	2.91	0.08	0.1223	0.0020	1901.4	43.0	1944.1	27.2	1990.0	28.8	0.36	2.2
026TGW10	17.76	0.48	0.0540	0.0021	353.1	9.3	355.7	14.2	327.9	90.3	0.64	0.7
027TGW10	12.18	0.32	0.0596	0.0015	508.4	12.7	504.7	14.8	487.8	60.8	0.10	-0.7
028TGW10	25.85	0.85	0.0548	0.0022	244.7	7.9	260.3	12.2	403.3	94.5	0.41	6.4
029TGW10	24.59	1.03	0.0511	0.0076	256.9	10.6	256.0	35.5	247.2	247.1	0.77	-0.4
034TGW10	25.23	0.96	0.0515	0.0061	250.5	9.3	251.7	28.0	263.0	262.9	0.86	0.5
035TGW10	25.18	0.76	0.0525	0.0040	251.1	7.4	256.6	19.0	307.9	185.6	0.51	2.2
036TGW10	24.72	0.79	0.0535	0.0061	255.7	8.0	265.1	27.9	349.4	280.6	1.19	3.7
037TGW10	3.11	0.07	0.1150	0.0021	1795.2	37.7	1834.4	25.8	1879.2	32.8	0.33	2.2
038TGW10	25.58	0.77	0.0509	0.0018	247.2	7.3	245.9	10.1	233.9	82.9	0.48	-0.5
039TGW10	22.25	0.82	0.0488	0.0064	283.4	10.3	268.2	32.6	137.8	137.7	0.61	-5.4
041TGW10	6.17	0.20	0.0702	0.0013	968.9	29.8	958.2	23.8	933.7	39.4	0.55	-1.1
042TGW10	3.45	0.09	0.1153	0.0018	1642.7	37.8	1751.6	26.2	1884.1	29.1	0.14	6.6
043TGW10	25.71	0.72	0.0524	0.0028	246.0	6.8	251.6	13.7	304.2	127.9	0.55	2.3
048TGW10	3.03	0.08	0.1159	0.0021	1836.6	41.7	1863.9	27.7	1894.5	32.7	0.34	1.5
049TGW10	26.97	0.92	0.0530	0.0064	234.7	7.8	243.6	27.7	330.6	300.6	0.37	3.8
050TGW10	3.32	0.09	0.1135	0.0019	1698.4	40.4	1770.1	27.2	1855.8	31.0	0.12	4.2
051TGW10	24.61	0.69	0.0511	0.0019	256.7	7.1	255.6	10.4	245.3	87.5	0.73	-0.4
052TGW10	26.05	0.78	0.0546	0.0045	242.9	7.2	257.7	20.2	395.1	197.7	1.40	6.1
053TGW10	26.95	0.81	0.0529	0.0022	234.8	6.9	243.3	11.3	325.5	98.3	0.38	3.6
054TGW10	25.52	0.71	0.0506	0.0022	247.8	6.8	245.6	11.2	224.5	102.6	0.57	-0.9
055TGW10	25.20	0.91	0.0542	0.0068	250.9	8.9	263.6	30.9	377.8	311.5	0.66	5.1
056TGW10 ^d	2.68	0.07	0.1583	0.0025	2041.6	45.7	2245.7	28.4	2437.4	27.3	0.35	10.0
057TGW10	23.94	0.81	0.0506	0.0075	263.8	8.8	259.8	35.5	224.1	224.0	0.52	-1.5
062TGW10	3.17	0.09	0.1155	0.0017	1768.8	43.5	1823.7	27.5	1886.9	27.2	0.11	3.1
063TGW10	26.04	0.78	0.0493	0.0026	242.9	7.2	235.7	12.7	163.9	126.3	0.51	-3.0
064TGW10	25.07	0.80	0.0513	0.0031	252.1	7.9	252.4	15.3	254.6	144.2	0.35	0.1
065TGW10	24.31	0.83	0.0525	0.0022	259.9	8.7	264.8	12.4	309.0	96.2	0.57	1.9
066TGW10	26.48	0.74	0.0510	0.0035	239.0	6.6	239.0	15.9	238.9	164.8	0.98	0.0
067TGW10	26.22	0.73	0.0500	0.0018	241.3	6.6	237.1	9.8	195.4	85.9	0.48	-1.7
068TGW10 ^d	24.40	0.90	0.0639	0.0028	258.9	9.4	312.9	15.5	737.7	96.0	0.28	20.9
069TGW10	3.01	0.09	0.1158	0.0020	1847.7	46.8	1869.0	29.5	1892.9	30.9	0.41	1.2
070TGW10	13.37	0.47	0.0571	0.0023	465.0	15.7	470.2	20.5	495.5	93.0	0.22	1.1
071TGW10	24.21	0.68	0.0493	0.0027	260.9	7.2	251.4	13.7	164.1	131.4	0.96	-3.6
076TGW10	24.40	0.66	0.0501	0.0048	258.9	6.9	253.1	22.7	199.5	199.4	0.95	-2.2
077TGW10	24.02	0.79	0.0520	0.0048	263.0	8.5	265.3	23.4	286.2	227.9	0.93	0.9
078TGW10	14.82	0.44	0.0584	0.0048	420.9	12.2	440.7	31.6	545.6	190.0	0.57	4.7
079TGW10	2.28	0.05	0.1662	0.0027	2341.7	45.3	2437.9	26.2	2519.3	27.1	1.04	4.1
080TGW10	26.00	0.65	0.0506	0.0017	243.3	6.0	241.4	8.8	222.9	78.1	0.56	-0.8
081TGW10	24.24	0.75	0.0517	0.0016	260.6	7.9	261.6	10.2	270.4	72.7	0.85	0.4
082TGW10	13.01	0.33	0.0576	0.0014	477.5	11.5	484.2	13.6	516.2	55.8	0.36	1.4
083TGW10	14.33	0.36	0.0550	0.0015	434.8	10.5	431.1	13.1	411.4	61.6	0.41	-0.9
084TGW10	12.51	0.39	0.0565	0.0025	495.8	14.8	491.3	21.7	470.0	102.8	1.05	-0.9
089TGW10	24.33	0.68	0.0511	0.0018	259.7	7.1	258.3	10.3	245.9	82.6	0.41	-0.5
090TGW10 ^d	23.25	0.74	0.0947	0.0092	271.5	8.5	452.5	37.9	1521.1	194.9	0.60	66.7
091TGW10	3.11	0.08	0.1117	0.0020	1798.0	42.5	1811.5	27.4	1827.2	33.0	0.44	0.8
092TGW10 ^d	5.82	0.26	0.1356	0.0035	1022.7	42.7	1460.5	41.1	2171.5	46.0	0.18	42.8
093TGW10	24.79	0.84	0.0531	0.0054	254.9	8.5	262.6	25.3	331.1	249.6	0.38	3.0
094TGW10	25.40	0.69	0.0555	0.0039	248.9	6.6	267.4	18.0	432.9	166.5	0.60	7.4
095TGW10	23.07	0.72	0.0510	0.0018	273.5	8.3	270.0	11.4	239.7	85.2	0.34	-1.3
096TGW10	23.83	0.79	0.0523	0.0020	264.9	8.6	268.3	11.9	297.8	89.1	0.37	1.3
097TGW10	25.07	0.95	0.0495	0.0058	252.1	9.4	244.4	27.1	170.7	170.6	0.57	-3.1
098TGW10	25.30	0.71	0.0515	0.0021	249.9	6.9	251.3	11.0	264.5	94.5	0.65	0.6
099TGW10	24.24	0.85	0.0510	0.0058	260.6	8.9	258.7	27.3	241.6	241.5	0.56	-0.7
100TGW10 ^d	14.80	0.43	0.0796	0.0029	421.6	11.8	563.4	20.5	1187.2	74.9	0.52	33.6
105TGW10	3.09	0.08	0.1140	0.0022	1806.0	42.7	1833.2	28.4	1864.3	34.7	0.16	1.5
106TGW10	25.22	0.78	0.0493	0.0018	250.6	7.6	242.2	10.4	161.4	88.9	0.47	-3.4
107TGW10	3.12	0.09	0.1145	0.0018	1790.1	45.5	1828.1	28.4	1871.7	29.2	0.30	2.1
108TGW10	2.36	0.08	0.1618	0.0027	2278.0	61.7	2383.0	33.6	2474.0	28.9	0.48	4.6
109TGW10 ^d	22.52	0.86	0.0623	0.0029	280.1	10.4	328.0	17.0	683.3	101.4	0.55	17.1
110TGW10	24.56	0.81	0.0505	0.0020	257.3	8.3	253.4	11.5	217.9	92.9	0.50	-1.5
111TGW10	24.68	0.86	0.0523	0.0018	228.8	7.0	234.9	9.9	296.8	81.9	0.62	2.7
112TGW10	3.11	0.08	0.1158	0.0021	1796.2	39.3	1841.4	26.7	1892.9	32.7	0.42	2.5
113TGW10	12.77	0.45	0.0569	0.0015	486.0	16.4	486.1	17.1	486.5	60.7	0.27	0.0
114TGW10	23.82	0.83	0.0508	0.0018	265.1	9.1	261.7	11.6	231.2	85.3	n.d.	-1.3

^a: Discordance defined as $[(^{207}\text{Pb}^*/^{235}\text{U} \text{ age}) / (^{206}\text{Pb}^*/^{238}\text{U}^* \text{ age}) - 1] \times 100$ (%).^d: Data excluded from the weighted average age calculation because of its discordance larger than 10%.