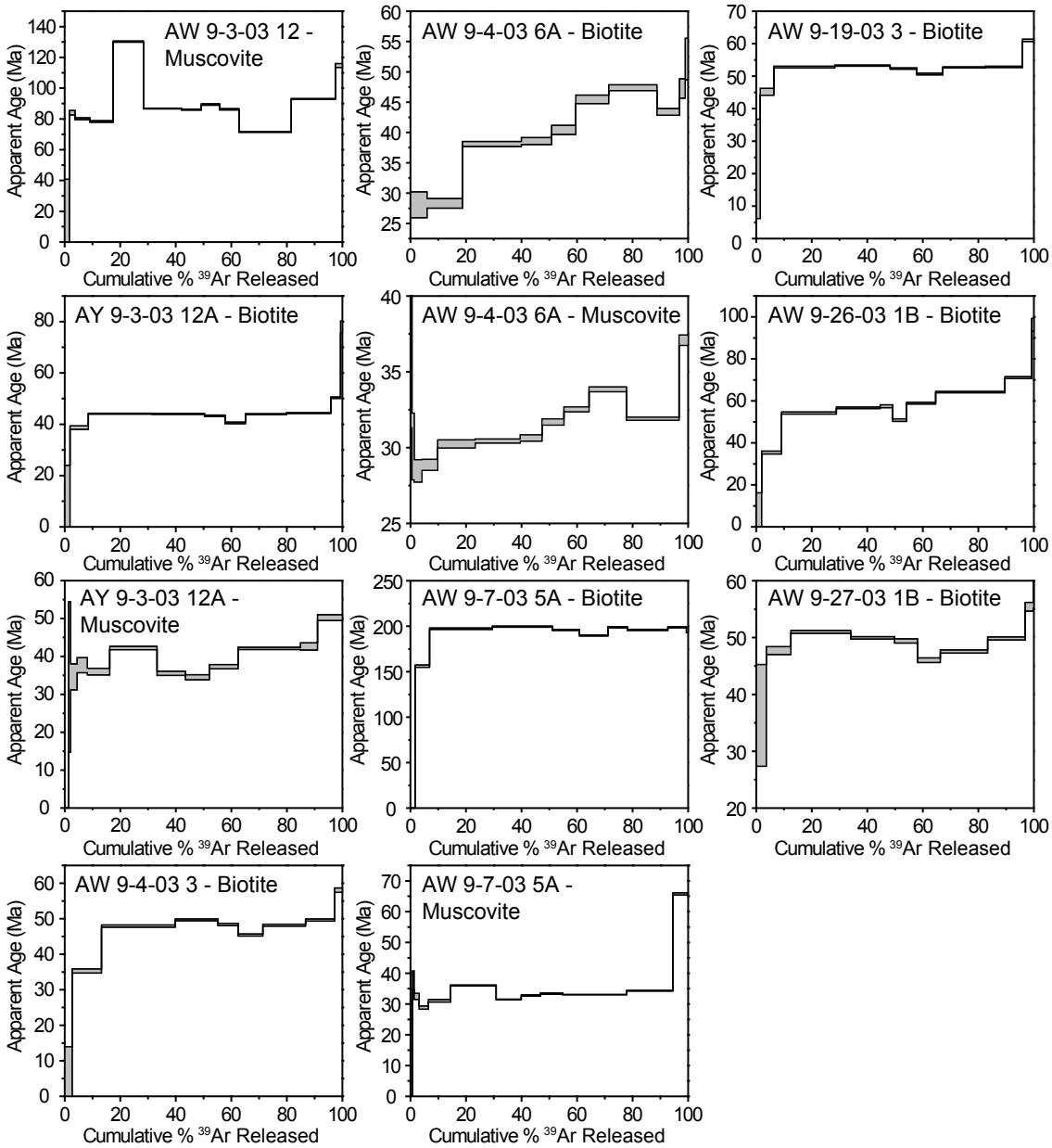
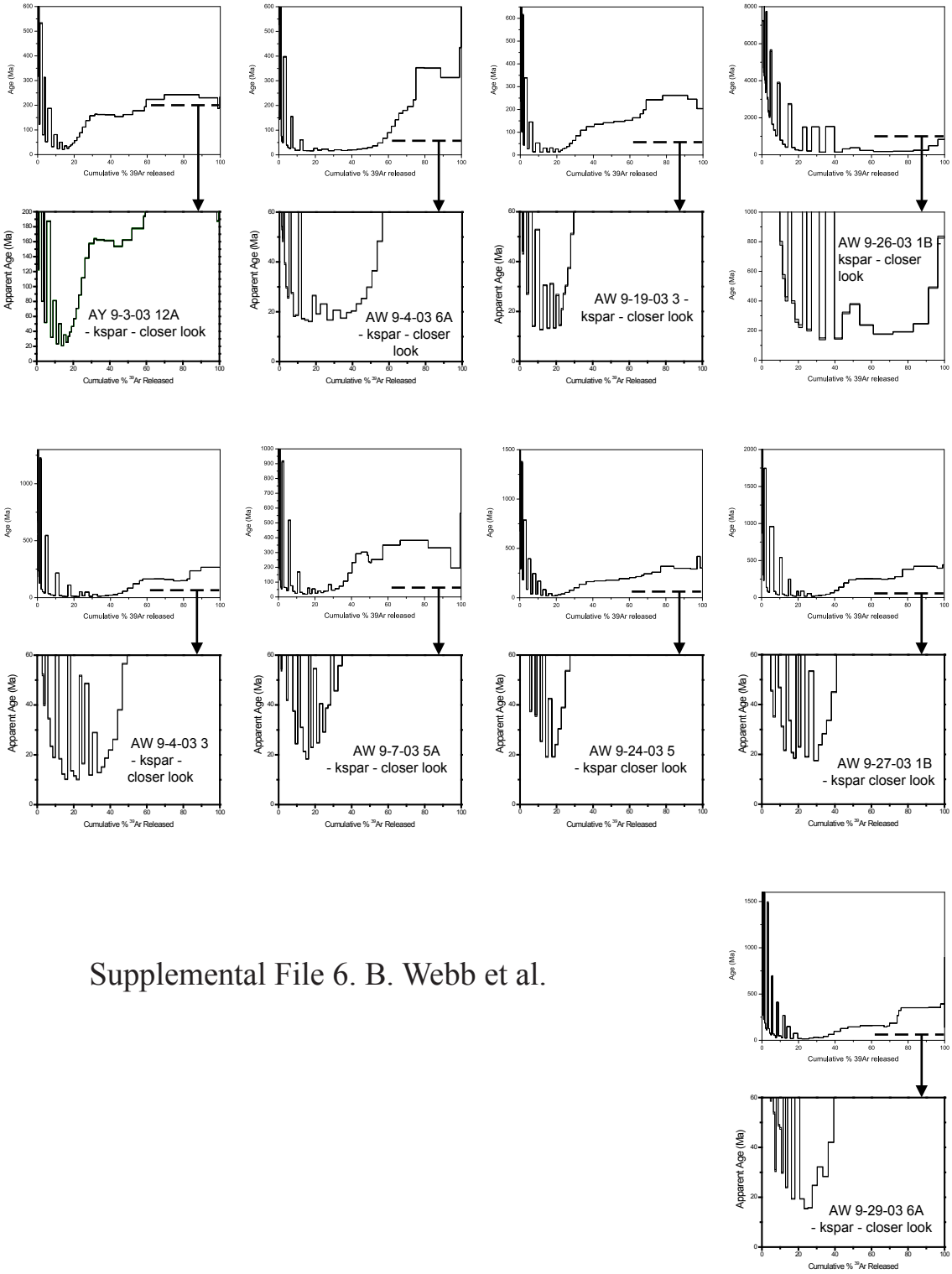
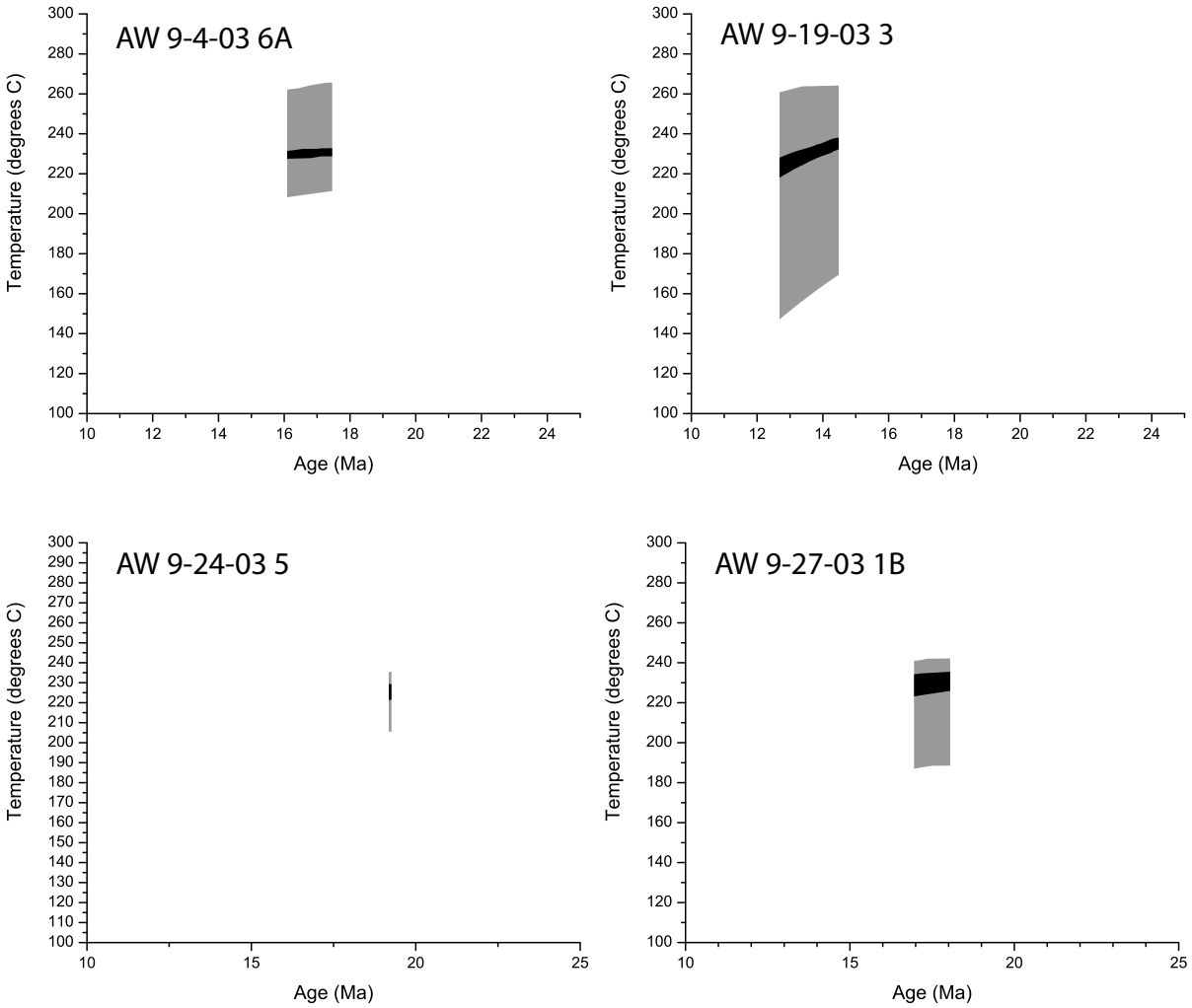


Supplemental File 6. A. Webb et al.

B.



Supplemental File 6. B. Webb et al.



Supplemental File 6. C. Webb et al.

Supplemental File 6. D. $^{40}Ar/^{39}Ar$ biotite and muscovite data

Step	T, °C	t, m	$^{40}Ar/^{39}Ar$	$^{38}Ar/^{39}Ar$	$^{37}Ar/^{39}Ar$	$^{36}Ar/^{39}Ar$	^{39}Ar, mol	$\Sigma^{39}Ar$	$\%^{40}Ar^*$	$^{40}Ar^*/^{39}Ar_K$	$\pm\sigma_{40/39}$	Age, Ma	$\pm\sigma_{Age}$
AW9/18/03-1 *, Haimanta Grp garnet schist, Muscovite, 6.0 mg, J=0.003515, Total Gas Age=109.5 ± 1.8 (1σ), Irradiation Shipment: UM113T5*													
1	500	13	68.42	1.07E-01	8.08E-02	2.13E-01	5.01E-15	0.9	7.8	5.37	4.97	33.73	30.92
2	600	13	19.52	7.36E-02	5.35E-02	2.57E-02	3.49E-15	1.5	60.1	11.90	0.47	73.96	2.89
3	700	13	13.90	4.41E-02	1.51E-02	8.35E-03	1.07E-14	3.4	81.5	11.40	0.16	70.88	0.95
4	770	13	11.51	2.33E-02	4.39E-03	5.04E-03	1.81E-14	6.6	86.4	9.99	0.04	62.27	0.26
5	840	13	26.08	1.48E-02	1.19E-03	3.67E-03	1.48E-13	33.0	95.6	24.97	0.09	151.78	0.50
6	880	13	19.03	1.42E-02	1.15E-03	1.11E-03	4.63E-14	41.2	98.0	18.67	0.05	114.70	0.31
7	920	13	16.59	1.45E-02	2.17E-03	1.34E-03	5.29E-14	50.7	97.3	16.16	0.05	99.70	0.30
8	960	13	15.01	1.57E-02	3.88E-03	2.16E-03	3.29E-14	56.5	95.3	14.34	0.05	88.70	0.31
9	1000	13	17.45	1.70E-02	2.52E-03	1.13E-02	3.06E-14	62.0	80.5	14.07	0.09	87.11	0.52
10	1070	13	14.53	1.43E-02	1.31E-03	1.87E-03	6.96E-14	74.3	95.9	13.94	0.02	86.32	0.14
11	1150	13	15.58	1.39E-02	1.58E-03	1.09E-03	9.28E-14	90.8	97.6	15.22	0.05	94.05	0.27
12	1350	13	19.11	1.64E-02	1.20E-02	3.34E-03	5.15E-14	100.0	94.6	18.10	0.06	111.27	0.36
AW9/3/03-12 *, Haimanta Grp garnet schist, Muscovite, 6.7 mg, J=0.003516, Total Gas Age=88.2 ± 1.6 (1σ), Irradiation Shipment: UM113T5*													
1	500	13	66.20	1.26E-01	1.26E-01	2.14E-01	6.39E-15	1.7	4.4	2.90	3.58	18.28	22.51
2	600	13	19.22	3.42E-02	8.28E-02	1.91E-02	7.43E-15	3.7	70.2	13.56	0.24	84.05	1.45
3	700	13	15.13	2.39E-02	2.79E-02	7.38E-03	1.97E-14	9.1	85.2	12.92	0.10	80.17	0.61
4	770	13	14.68	1.59E-02	3.98E-03	6.83E-03	3.13E-14	17.5	85.9	12.63	0.08	78.36	0.51
5	840	13	21.85	1.33E-02	6.76E-04	1.78E-03	4.01E-14	28.3	97.4	21.29	0.06	130.22	0.38
6	880	14	14.50	1.36E-02	9.36E-04	1.55E-03	5.07E-14	42.0	96.5	14.01	0.05	86.76	0.29
7	920	13	14.67	1.43E-02	1.46E-03	2.49E-03	2.65E-14	49.2	94.6	13.90	0.06	86.08	0.36
8	960	13	15.40	1.51E-02	1.95E-03	3.11E-03	2.43E-14	55.8	93.6	14.44	0.07	89.37	0.43
9	1000	13	14.78	1.46E-02	1.74E-03	2.78E-03	2.60E-14	62.8	94.0	13.93	0.07	86.24	0.41
10	1070	13	11.99	1.30E-02	6.74E-04	1.52E-03	6.97E-14	81.6	95.9	11.51	0.04	71.54	0.23
11	1150	13	15.38	1.30E-02	2.58E-03	1.05E-03	5.86E-14	97.5	97.7	15.04	0.05	92.96	0.28
12	1350	13	24.32	3.83E-02	1.50E-01	1.90E-02	9.35E-15	100.0	76.5	18.67	0.21	114.72	1.25
AY9/3/03-12A *, ~830 Ma granitic gneiss, Muscovite, 5.4 mg, J=0.003516, Total Gas Age=39.2 ± 1.6 (1σ), Irradiation Shipment: UM113T5*													
1	500	13	46.11	1.31E-01	2.62E-01	1.74E-01	7.53E-15	1.4	-11.6	-5.35	7.32	0.00	0.00
2	600	13	16.76	6.75E-02	2.03E-01	3.80E-02	4.20E-15	2.1	32.5	5.50	3.20	34.58	19.90
3	700	13	9.60	5.02E-02	4.92E-02	1.38E-02	1.29E-14	4.5	57.0	5.51	0.55	34.60	3.44
4	770	13	8.90	2.67E-02	1.09E-02	9.70E-03	2.03E-14	8.1	67.1	6.00	0.32	37.69	1.99
5	840	13	8.90	1.81E-02	4.11E-03	1.06E-02	4.44E-14	16.2	64.3	5.73	0.14	36.00	0.88

6	880	13	8.31	1.57E-02	2.19E-03	5.22E-03	9.40E-14	33.2	80.9	6.73	0.07	42.22	0.43
7	920	13	6.88	1.62E-02	3.74E-03	4.02E-03	5.65E-14	43.5	82.1	5.66	0.09	35.53	0.55
8	960	13	6.93	1.64E-02	3.90E-03	4.78E-03	4.75E-14	52.1	79.0	5.49	0.11	34.50	0.67
9	1000	13	7.15	1.65E-02	2.82E-03	3.98E-03	5.68E-14	62.4	82.9	5.94	0.09	37.29	0.57
10	1070	13	7.44	1.55E-02	2.74E-03	2.34E-03	1.24E-13	84.9	90.2	6.72	0.05	42.12	0.30
11	1150	13	7.63	1.66E-02	1.79E-02	2.70E-03	3.38E-14	91.0	88.9	6.80	0.15	42.64	0.95
12	1350	13	8.91	1.82E-02	2.35E-02	2.88E-03	4.95E-14	100.0	89.9	8.03	0.13	50.24	0.78

AY9/3/03-12A *, ~830 Ma granitic gneiss, Biotite, 6.6 mg, J=0.003518, Total Gas Age=43.2 ± 0.8 (1σ), Irradiation Shipment: UM113T5*

1	500	13	48.10	1.94E-01	8.61E-02	1.57E-01	1.01E-14	1.9	3.2	1.54	2.26	9.76	14.27
2	600	13	12.62	2.35E-01	1.39E-02	2.18E-02	3.55E-14	8.5	48.7	6.16	0.11	38.66	0.68
3	700	13	8.54	2.38E-01	7.15E-03	4.95E-03	1.23E-13	31.5	82.4	7.04	0.03	44.14	0.19
4	770	13	7.91	2.41E-01	5.79E-03	2.88E-03	1.01E-13	50.3	88.8	7.02	0.03	44.04	0.19
5	840	13	8.03	2.33E-01	1.27E-02	3.69E-03	3.97E-14	57.8	85.9	6.91	0.05	43.32	0.30
6	900	13	7.80	1.99E-01	3.48E-02	4.43E-03	3.93E-14	65.1	82.7	6.46	0.05	40.53	0.31
7	960	13	8.27	2.25E-01	2.00E-02	4.17E-03	7.95E-14	79.9	84.7	7.01	0.03	43.94	0.18
8	1050	13	7.85	2.24E-01	1.84E-02	2.52E-03	8.51E-14	95.8	90.1	7.07	0.02	44.34	0.15
9	1150	13	8.89	2.23E-01	4.72E-01	2.87E-03	1.89E-14	99.3	90.2	8.05	0.04	50.36	0.27
10	1350	13	17.60	1.67E-01	5.94E-01	1.72E-02	3.52E-15	100.0	70.6	12.53	0.40	77.85	2.41

AW9/27/03-1B *, Baragaon gneiss, Biotite, 6.4 mg, J=0.003521, Total Gas Age=48.9 ± 1.0 (1σ), Irradiation Shipment: UM113T5*

1	500	13	52.35	1.12E-01	2.38E-01	1.58E-01	1.47E-14	3.6	11.0	5.77	1.44	36.30	8.97
2	600	13	15.25	5.67E-02	6.99E-02	2.58E-02	3.62E-14	12.5	49.8	7.61	0.11	47.70	0.69
3	700	13	10.38	5.19E-02	3.24E-02	7.45E-03	8.76E-14	34.0	78.4	8.14	0.04	51.00	0.25
4	770	13	9.19	5.20E-02	2.54E-02	4.00E-03	6.44E-14	49.8	86.6	7.97	0.04	49.95	0.22
5	840	13	9.27	5.04E-02	3.20E-02	4.59E-03	3.36E-14	58.1	84.8	7.89	0.06	49.40	0.38
6	900	13	9.26	4.88E-02	4.62E-02	6.42E-03	3.34E-14	66.3	79.0	7.34	0.06	46.02	0.40
7	960	13	9.33	4.80E-02	3.67E-02	5.81E-03	6.94E-14	83.4	81.2	7.59	0.05	47.55	0.29
8	1050	13	9.38	4.86E-02	1.33E-01	4.73E-03	5.49E-14	96.8	84.7	7.96	0.04	49.85	0.27
9	1150	13	10.25	4.70E-02	1.62E+00	5.08E-03	1.19E-14	99.8	85.7	8.86	0.12	55.42	0.77
10	1350	13	25.94	5.89E-02	1.19E+00	5.30E-02	9.30E-16	100.0	38.4	10.35	1.55	64.59	9.47

AW9/4/03-6A *, granite (Early Paleozoic?), Biotite, 6.2 mg, J=0.003521, Total Gas Age=39.8 ± 1.0 (1σ), Irradiation Shipment: UM113T5*

1	500	13	42.33	5.47E-02	6.25E-02	1.28E-01	1.45E-14	6.0	10.5	4.46	0.34	28.08	2.13
2	600	13	15.75	2.63E-02	3.46E-02	3.80E-02	3.08E-14	18.8	28.5	4.49	0.13	28.31	0.80
3	700	13	11.01	2.15E-02	2.28E-02	1.66E-02	5.11E-14	39.9	55.0	6.06	0.07	38.10	0.42
4	770	13	10.63	2.06E-02	2.35E-02	1.51E-02	2.63E-14	50.8	57.6	6.14	0.09	38.59	0.57
5	840	13	11.59	2.12E-02	2.92E-02	1.73E-02	2.11E-14	59.6	55.4	6.43	0.12	40.42	0.75
6	900	13	15.37	2.41E-02	5.15E-02	2.74E-02	2.85E-14	71.4	47.1	7.25	0.11	45.46	0.70

7	960	13	13.78	2.29E-02	4.28E-02	2.10E-02	4.19E-14	88.8	54.8	7.56	0.08	47.39	0.47
8	1050	13	10.19	1.94E-02	3.89E-02	1.10E-02	1.97E-14	96.9	67.6	6.91	0.09	43.39	0.56
9	1150	13	11.71	1.93E-02	2.81E-01	1.41E-02	5.02E-15	99.0	63.6	7.54	0.26	47.26	1.61
10	1350	13	11.84	1.65E-02	4.69E-02	1.18E-02	2.41E-15	100.0	68.7	8.32	0.56	52.10	3.44

AW9/4/03-6A *, granite (Early Paleozoic?), Muscovite, 7.8 mg, J=0.003522, Total Gas Age=31.6 ± 0.6 (1σ), Irradiation Shipment: UM113T5*

1	500	13	97.34	1.02E-01	3.64E-02	3.08E-01	3.39E-15	0.6	6.4	6.24	1.27	39.23	7.92
2	600	13	16.69	2.27E-02	4.73E-02	4.02E-02	4.73E-15	1.3	28.4	4.77	0.35	30.07	2.20
3	700	13	10.38	1.65E-02	1.28E-02	1.98E-02	1.67E-14	4.1	43.3	4.51	0.12	28.46	0.73
4	770	13	6.90	1.39E-02	3.86E-03	7.73E-03	3.43E-14	9.8	66.2	4.58	0.06	28.86	0.36
5	840	13	6.84	1.36E-02	2.33E-03	6.79E-03	8.12E-14	23.3	70.1	4.80	0.04	30.25	0.26
6	880	13	5.42	1.28E-02	1.94E-03	1.89E-03	9.82E-14	39.6	89.0	4.83	0.02	30.44	0.13
7	920	13	5.76	1.31E-02	2.94E-03	2.92E-03	4.71E-14	47.4	84.2	4.86	0.03	30.63	0.20
8	960	13	5.85	1.30E-02	2.37E-03	2.66E-03	4.76E-14	55.3	85.8	5.03	0.03	31.69	0.20
9	1000	13	5.89	1.27E-02	2.95E-03	2.35E-03	5.46E-14	64.3	87.5	5.17	0.02	32.53	0.16
10	1070	13	6.08	1.28E-02	4.55E-03	2.28E-03	8.11E-14	77.8	88.3	5.38	0.02	33.84	0.16
11	1150	13	5.32	1.25E-02	8.00E-03	7.68E-04	1.14E-13	96.7	95.0	5.07	0.02	31.90	0.10
12	1350	13	6.48	1.29E-02	4.52E-02	1.88E-03	1.98E-14	100.0	90.5	5.90	0.05	37.08	0.34

AW9/7/03-5A *, Early Paleozoic granite, Muscovite, 7.1 mg, J=0.003523, Total Gas Age=37.0 ± 1.5 (1σ), Irradiation Shipment: UM113T5*

1	500	13	82.99	1.56E-01	3.10E-01	2.98E-01	5.17E-15	0.8	-6.0	-5.02	1.71	0.00	0.00
2	600	13	17.47	3.17E-02	1.45E-01	3.87E-02	3.88E-15	1.4	33.9	6.00	0.48	37.73	3.01
3	700	13	9.51	2.08E-02	3.22E-02	1.47E-02	1.27E-14	3.4	53.8	5.15	0.15	32.47	0.97
4	770	13	7.00	1.63E-02	1.35E-02	8.12E-03	2.31E-14	6.9	64.9	4.57	0.09	28.83	0.55
5	840	13	8.38	1.58E-02	5.99E-03	1.16E-02	5.52E-14	15.4	58.7	4.93	0.06	31.05	0.40
6	880	13	6.74	1.40E-02	2.62E-03	3.33E-03	1.14E-13	33.0	84.8	5.73	0.03	36.02	0.16
7	920	13	5.79	1.40E-02	9.17E-03	2.57E-03	6.24E-14	42.6	86.1	5.00	0.01	31.47	0.09
8	960	13	6.18	1.43E-02	1.09E-02	3.19E-03	4.77E-14	50.0	84.0	5.20	0.04	32.77	0.22
9	1000	13	6.11	1.42E-02	4.67E-03	2.66E-03	5.54E-14	58.6	86.4	5.30	0.03	33.34	0.22
10	1070	13	8.03	-5.07E-02	4.11E-03	2.55E-03	1.15E-13	76.3	90.1	7.24	1.01	45.45	6.24
11	1150	13	5.71	1.34E-02	7.75E-03	7.67E-04	1.15E-13	94.1	95.3	5.45	0.02	34.32	0.10
12	1350	13	11.84	1.67E-02	3.46E-02	4.30E-03	3.83E-14	100.0	88.8	10.54	0.06	65.76	0.35

AW9/7/03-5A *, Early Paleozoic granite, Biotite, 6.4 mg, J=0.003523, Total Gas Age=190.5 ± 3.0 (1σ), Irradiation Shipment: UM113T5*

1	500	13	59.17	1.91E-01	5.67E-01	2.34E-01	7.41E-15	1.7	-16.9	-10.06	3.41	0.00	0.00
2	600	13	36.24	1.31E-01	6.68E-02	3.57E-02	2.25E-14	6.9	70.7	25.65	0.23	156.11	1.33
3	700	13	34.80	1.23E-01	1.35E-02	6.73E-03	9.79E-14	29.5	94.1	32.78	0.14	197.19	0.78
4	770	13	33.91	1.19E-01	7.47E-03	2.36E-03	9.34E-14	51.1	97.7	33.18	0.11	199.46	0.65
5	840	13	33.48	1.19E-01	1.81E-02	3.02E-03	4.23E-14	60.9	97.1	32.56	0.11	195.90	0.60

6	900	13	32.59	1.15E-01	9.71E-02	3.62E-03	4.43E-14	71.1	96.5	31.50	0.10	189.84	0.57
7	960	13	34.04	1.19E-01	3.03E-02	3.12E-03	3.01E-14	78.1	97.1	33.08	0.12	198.90	0.69
8	1050	13	33.35	1.16E-01	3.17E-02	2.58E-03	6.30E-14	92.7	97.5	32.56	0.12	195.93	0.67
9	1150	13	33.88	1.17E-01	4.64E-01	2.81E-03	2.89E-14	99.3	97.5	33.06	0.11	198.79	0.62
10	1350	13	37.86	1.16E-01	7.32E-01	1.81E-02	2.83E-15	100.0	85.1	32.55	0.50	195.87	2.83

AW9/4/03-3 *, Baragaon gneiss, Biotite, 8.2 mg, J=0.003596, Total Gas Age=46.1 ± 0.9 (1σ), Irradiation Shipment: UM114T2*

1	500	13	52.10	1.15E-01	1.49E-01	1.73E-01	1.59E-14	2.7	2.1	1.08	1.08	7.01	7.00
2	600	13	14.01	7.09E-02	3.69E-02	2.87E-02	6.32E-14	13.2	39.2	5.49	0.09	35.28	0.60
3	700	13	10.57	6.81E-02	2.43E-02	1.03E-02	1.59E-13	39.8	70.8	7.49	0.05	47.93	0.32
4	770	13	9.74	6.67E-02	2.20E-02	6.59E-03	9.19E-14	55.2	79.6	7.76	0.04	49.67	0.26
5	840	13	9.77	6.48E-02	3.40E-02	7.37E-03	4.33E-14	62.4	77.2	7.56	0.05	48.40	0.33
6	900	13	9.64	6.05E-02	7.77E-02	8.56E-03	5.31E-14	71.3	73.4	7.09	0.05	45.40	0.31
7	960	13	10.00	6.32E-02	8.93E-02	8.28E-03	9.19E-14	86.7	75.2	7.53	0.04	48.19	0.28
8	1050	13	10.15	6.46E-02	1.16E-01	8.02E-03	6.27E-14	97.2	76.3	7.75	0.05	49.62	0.32
9	1150	13	11.72	6.56E-02	3.04E+00	9.40E-03	1.68E-14	100.0	77.1	9.09	0.10	58.03	0.63

AW9/19/03-3 *, Baragaon gneiss, Biotite, 8.2 mg, J=0.003613, Total Gas Age=52.1 ± 0.9 (1σ), Irradiation Shipment: UM114T2*

1	500	13	75.73	1.46E-01	2.39E-01	2.45E-01	9.54E-15	1.5	4.4	3.31	2.37	21.47	15.28
2	600	13	18.82	5.21E-02	8.50E-02	3.99E-02	3.17E-14	6.4	37.2	7.02	0.16	45.18	1.05
3	700	13	10.33	4.06E-02	2.83E-02	7.05E-03	1.41E-13	28.3	79.5	8.22	0.04	52.77	0.28
4	770	13	9.01	3.92E-02	1.91E-02	2.35E-03	1.28E-13	48.2	91.9	8.29	0.03	53.26	0.18
5	840	13	9.11	3.88E-02	3.36E-02	3.14E-03	6.18E-14	57.8	89.4	8.15	0.03	52.35	0.20
6	900	13	9.23	3.73E-02	7.83E-02	4.46E-03	6.05E-14	67.2	85.3	7.88	0.04	50.67	0.26
7	960	13	9.35	3.78E-02	9.91E-02	3.81E-03	9.81E-14	82.5	87.6	8.20	0.03	52.67	0.18
8	1050	13	9.26	3.81E-02	9.56E-02	3.39E-03	8.66E-14	95.9	88.9	8.23	0.03	52.87	0.20
9	1150	13	10.84	3.90E-02	2.37E+00	4.84E-03	2.62E-14	100.0	87.5	9.53	0.06	61.04	0.37

AW9/26/03-1B *, Baragaon gneiss, Biotite, 5.2 mg, J=0.003632, Total Gas Age=57.3 ± 1.1 (1σ), Irradiation Shipment: UM114T2*

1	500	13	55.35	1.02E-01	1.20E-01	1.83E-01	7.93E-15	1.9	2.2	1.25	1.23	8.14	8.05
2	600	13	15.91	3.61E-02	1.64E-02	3.53E-02	2.94E-14	9.2	34.2	5.46	0.11	35.41	0.68
3	700	13	14.35	3.18E-02	9.72E-03	2.00E-02	8.02E-14	28.9	58.5	8.40	0.08	54.23	0.48
4	770	13	13.29	3.02E-02	8.19E-03	1.51E-02	6.42E-14	44.6	66.1	8.79	0.06	56.70	0.37
5	840	13	12.74	2.94E-02	1.37E-02	1.29E-02	1.85E-14	49.2	69.6	8.91	0.11	57.47	0.69
6	900	13	10.75	2.48E-02	2.56E-02	9.65E-03	2.03E-14	54.2	72.9	7.87	0.10	50.86	0.63
7	960	13	12.21	2.72E-02	1.22E-02	1.03E-02	4.26E-14	64.6	74.8	9.15	0.06	58.95	0.40
8	1050	13	13.44	2.81E-02	1.03E-02	1.16E-02	1.01E-13	89.6	74.1	9.97	0.05	64.18	0.32
9	1150	13	13.75	2.63E-02	3.10E-01	9.03E-03	3.90E-14	99.1	80.3	11.07	0.07	71.08	0.45
10	1350	13	21.36	2.71E-02	1.97E-01	2.12E-02	3.46E-15	100.0	69.6	15.09	0.49	96.25	3.06

Supplemental File 6. E. $^{40}Ar/^{39}Ar$ potassium feldspar data

Step	T, °C	t, m	$^{40}Ar/^{39}Ar$	$^{38}Ar/^{39}Ar$	$^{37}Ar/^{39}Ar$	$^{36}Ar/^{39}Ar$	^{39}Ar, mol	$\Sigma^{39}Ar$	$\%^{40}Ar^*$	$^{40}Ar^*/^{39}Ar_K$	$\pm\sigma_{40/39}$	Age, Ma	$\pm\sigma_{Age}$
AY9/3/03-12A *, ~830 Ma granitic gneiss, 25.3 mg, J=0.003518, Total Gas Age=184.5 ± 2.9 (1σ), Irradiation Shipment: UM113T5*													
1	400	15	1036.57	7.92E-01	4.91E-02	1.43E+00	2.77E-15	0.1	59.1	612.91	8.91	2073.46	17.91
2	400	22	271.50	2.37E-01	2.42E-02	3.87E-01	1.44E-15	0.1	57.7	156.98	3.59	793.22	14.67
3	450	15	212.84	2.17E-01	2.41E-02	8.37E-02	3.66E-15	0.3	88.2	188.06	1.73	916.03	6.61
4	450	22	65.88	7.96E-02	1.59E-02	3.68E-02	4.05E-15	0.4	83.2	54.98	0.54	319.00	2.88
5	500	15	130.14	1.60E-01	9.12E-03	2.22E-02	1.41E-14	0.9	94.9	123.55	0.65	651.09	2.86
6	500	22	22.14	3.62E-02	1.06E-02	7.10E-03	1.33E-14	1.3	90.1	20.01	0.13	122.74	0.77
7	550	15	101.36	1.32E-01	8.76E-03	1.28E-02	3.88E-14	2.6	96.1	97.53	0.53	532.15	2.50
8	550	22	13.81	2.83E-02	1.39E-02	2.89E-03	2.78E-14	3.5	93.3	12.92	0.06	80.20	0.37
9	600	15	56.11	7.82E-02	1.61E-02	7.51E-03	2.22E-14	4.2	95.9	53.86	0.22	312.99	1.15
10	600	22	8.84	2.29E-02	1.65E-02	1.80E-03	3.67E-14	5.4	93.3	8.28	0.04	51.79	0.26
11	650	15	32.57	5.09E-02	1.63E-02	4.87E-03	6.53E-14	7.6	95.4	31.10	0.11	187.29	0.62
12	650	22	5.43	1.87E-02	1.87E-02	1.03E-03	3.93E-14	8.9	93.4	5.09	0.02	32.04	0.15
13	700	15	13.86	2.91E-02	2.38E-02	2.54E-03	5.51E-14	10.7	94.2	13.08	0.05	81.16	0.27
14	700	22	3.94	1.69E-02	2.62E-02	8.11E-04	3.75E-14	12.0	92.5	3.67	0.03	23.13	0.17
15	750	15	8.61	2.19E-02	2.85E-02	1.89E-03	4.71E-14	13.5	92.9	8.02	0.04	50.21	0.22
16	750	22	3.57	1.60E-02	2.40E-02	9.16E-04	3.44E-14	14.7	90.8	3.27	0.01	20.64	0.07
17	800	15	6.06	1.86E-02	2.20E-02	1.40E-03	4.13E-14	16.0	92.3	5.62	0.03	35.32	0.19
18	800	22	4.29	1.60E-02	1.90E-02	8.71E-04	3.34E-14	17.1	92.6	4.00	0.03	25.23	0.21
19	825	16	5.65	1.79E-02	1.95E-02	1.11E-03	2.73E-14	18.0	93.0	5.29	0.04	33.26	0.23
20	850	15	6.66	1.83E-02	1.55E-02	1.32E-03	3.04E-14	19.0	93.2	6.24	0.04	39.18	0.23
21	875	15	7.87	1.95E-02	1.60E-02	1.37E-03	3.48E-14	20.2	94.1	7.43	0.04	46.55	0.23
22	900	16	9.71	2.13E-02	1.53E-02	1.93E-03	4.10E-14	21.5	93.6	9.11	0.05	56.90	0.30
23	925	15	12.10	2.38E-02	1.48E-02	2.39E-03	4.27E-14	22.9	93.7	11.36	0.04	70.70	0.27
24	950	15	15.24	2.81E-02	1.59E-02	3.01E-03	4.76E-14	24.5	93.8	14.32	0.05	88.67	0.32
25	975	16	19.26	3.31E-02	1.30E-02	3.63E-03	5.68E-14	26.4	94.2	18.16	0.06	111.70	0.38
26	1000	15	23.90	3.92E-02	1.16E-02	4.27E-03	6.57E-14	28.6	94.5	22.61	0.09	138.04	0.51
27	1025	15	27.28	4.42E-02	1.10E-02	4.41E-03	8.37E-14	31.3	95.0	25.95	0.11	157.57	0.64
28	1050	16	28.34	4.63E-02	1.04E-02	4.25E-03	4.11E-14	32.7	95.4	27.05	0.10	163.99	0.59
29	1075	15	27.96	4.59E-02	1.02E-02	3.91E-03	1.28E-13	36.9	95.7	26.77	0.11	162.38	0.63
30	1100	17	27.58	4.53E-02	1.14E-02	3.23E-03	1.60E-13	42.2	96.3	26.60	0.12	161.35	0.70
31	1100	25	26.07	4.33E-02	9.57E-03	2.56E-03	1.41E-13	46.9	96.9	25.28	0.10	153.69	0.60
32	1100	45	27.49	4.53E-02	6.83E-03	2.40E-03	1.58E-13	52.1	97.2	26.75	0.08	162.24	0.49
33	1100	90	30.24	4.86E-02	7.96E-03	2.65E-03	1.94E-13	58.5	97.2	29.43	0.11	177.70	0.64

34	1100	180	33.15	5.17E-02	4.81E-03	2.86E-03	2.78E-14	59.4	97.3	32.28	0.13	194.01	0.76
35	1200	18	38.49	6.07E-02	4.99E-03	3.15E-03	3.00E-13	69.3	97.4	37.53	0.15	223.69	0.86
36	1240	15	42.13	5.93E-02	5.08E-03	3.86E-03	5.76E-13	88.4	97.1	40.95	0.18	242.80	0.99
37	1280	15	39.85	5.37E-02	3.89E-03	3.86E-03	3.10E-13	98.6	97.0	38.68	0.14	230.15	0.78
38	1350	18	32.56	4.43E-02	2.51E-02	4.62E-03	3.56E-14	99.8	95.6	31.16	0.12	187.64	0.68
39	1550	15	49.15	4.60E-02	4.59E-02	3.30E-02	7.34E-15	100.0	79.9	39.36	0.30	233.96	1.66

AW9/27/03-1B *, Baragaon gneiss, 24.1 mg, J=0.003520, Total Gas Age=305.1 ± 4.7 (1σ), Irradiation Shipment: UM113T5*

1	400	15	1716.91	3.43E-01	5.44E-03	8.60E-01	6.53E-15	0.3	85.1	1462.66	38.22	3276.75	39.48
2	400	20	367.46	9.76E-02	3.25E-02	2.71E-01	1.46E-15	0.3	78.1	287.49	3.85	1261.34	12.14
3	400	30	278.78	6.79E-02	4.70E-02	1.55E-01	1.27E-15	0.4	83.4	233.09	2.94	1080.91	10.25
4	400	45	207.03	4.88E-02	2.80E-02	1.01E-01	1.41E-15	0.4	85.4	177.22	2.73	874.64	10.68
5	450	15	758.85	1.06E-01	4.26E-02	6.04E-02	7.71E-15	0.7	97.6	741.01	6.43	2315.21	11.31
6	450	20	78.12	2.29E-02	1.05E-02	1.45E-02	4.14E-15	0.9	94.2	73.79	0.50	416.62	2.51
7	450	30	55.22	2.05E-02	4.37E-03	1.07E-02	4.82E-15	1.1	93.9	52.03	0.42	303.41	2.26
8	450	45	41.20	1.80E-02	1.63E-02	9.27E-03	5.80E-15	1.3	93.0	38.43	0.27	228.90	1.52
9	500	15	473.04	6.79E-02	1.15E-02	3.16E-02	3.01E-14	2.5	97.9	463.66	1.14	1746.05	2.74
10	500	20	23.35	1.55E-02	1.77E-02	2.85E-03	1.44E-14	3.1	96.0	22.48	0.10	137.40	0.57
11	500	30	14.42	1.37E-02	1.74E-02	2.02E-03	1.54E-14	3.7	95.3	13.80	0.08	85.55	0.48
12	500	45	11.58	1.38E-02	2.99E-02	1.65E-03	1.67E-14	4.4	95.1	11.06	0.07	68.92	0.41
13	550	15	204.02	3.71E-02	6.23E-02	1.62E-02	5.78E-14	6.7	97.6	199.21	0.97	958.64	3.62
14	550	20	13.76	1.37E-02	1.12E-01	1.38E-03	2.60E-14	7.8	96.6	13.33	0.04	82.71	0.27
15	550	30	7.61	1.33E-02	1.42E-01	1.11E-03	2.60E-14	8.8	95.0	7.26	0.04	45.56	0.23
16	550	45	5.94	1.32E-02	1.67E-01	1.12E-03	2.66E-14	9.9	93.6	5.60	0.04	35.19	0.26
17	600	15	101.88	2.59E-02	2.13E-01	8.54E-03	3.46E-14	11.3	97.4	99.36	0.46	541.12	2.18
18	600	20	7.81	1.35E-02	2.76E-01	1.10E-03	3.00E-14	12.5	95.4	7.47	0.03	46.86	0.20
19	600	30	5.22	1.31E-02	3.09E-01	8.82E-04	2.87E-14	13.6	94.4	4.96	0.04	31.21	0.23
20	600	45	3.74	1.30E-02	3.22E-01	1.05E-03	2.79E-14	14.7	90.9	3.43	0.03	21.62	0.18
21	650	15	43.22	1.74E-02	3.08E-01	3.78E-03	2.96E-14	15.9	97.3	42.10	0.14	249.35	0.77
22	650	20	5.62	1.32E-02	2.13E-01	8.92E-04	2.73E-14	17.0	94.6	5.34	0.04	33.61	0.22
23	650	30	3.49	1.29E-02	1.03E-01	6.26E-04	2.73E-14	18.1	93.2	3.28	0.03	20.74	0.20
24	650	45	3.13	1.28E-02	4.58E-02	6.23E-04	2.74E-14	19.2	92.4	2.92	0.03	18.44	0.18
25	700	15	14.11	1.41E-02	3.23E-02	1.32E-03	2.60E-14	20.3	96.8	13.69	0.06	84.91	0.34
26	700	22	3.77	1.27E-02	2.02E-02	3.25E-04	2.85E-14	21.4	95.9	3.65	0.03	23.02	0.19
27	750	15	14.62	1.42E-02	1.85E-02	1.50E-03	4.64E-14	23.3	96.6	14.15	0.05	87.67	0.31
28	750	22	3.19	1.27E-02	1.55E-02	4.95E-04	4.28E-14	25.0	93.9	3.01	0.02	19.02	0.15
29	800	15	8.83	1.35E-02	1.32E-02	8.85E-04	5.68E-14	27.3	96.5	8.54	0.03	53.44	0.18
30	800	22	2.90	1.27E-02	1.05E-02	3.37E-04	5.11E-14	29.3	95.0	2.77	0.02	17.48	0.12
31	825	16	3.96	1.28E-02	9.81E-03	4.97E-04	4.36E-14	31.1	95.1	3.78	0.02	23.84	0.12

32	850	15	4.70	1.29E-02	1.12E-02	6.10E-04	4.90E-14	33.0	95.2	4.49	0.02	28.30	0.13
33	875	15	5.59	1.29E-02	1.17E-02	7.18E-04	5.43E-14	35.2	95.4	5.35	0.02	33.66	0.15
34	900	16	7.49	1.35E-02	1.25E-02	9.43E-04	5.88E-14	37.6	95.7	7.18	0.03	45.01	0.20
35	925	15	10.71	1.38E-02	1.10E-02	1.30E-03	5.65E-14	39.9	96.0	10.29	0.03	64.19	0.21
36	950	15	16.03	1.47E-02	9.92E-03	1.85E-03	5.89E-14	42.2	96.3	15.45	0.05	95.54	0.31
37	975	16	23.76	1.58E-02	9.45E-03	2.50E-03	6.94E-14	45.0	96.7	22.99	0.08	140.38	0.49
38	1000	15	33.81	1.70E-02	7.41E-03	3.32E-03	6.62E-14	47.7	96.9	32.80	0.12	197.15	0.68
39	1025	15	41.39	1.79E-02	7.54E-03	3.70E-03	1.00E-13	51.7	97.2	40.27	0.15	239.16	0.83
40	1050	17	44.00	1.84E-02	1.15E-02	3.72E-03	1.14E-13	56.3	97.3	42.87	0.14	253.58	0.76
41	1075	15	44.11	1.81E-02	1.04E-02	3.67E-03	1.14E-13	60.8	97.4	43.00	0.18	254.27	0.97
42	1100	18	43.73	1.80E-02	1.04E-02	2.90E-03	1.17E-13	65.5	97.9	42.84	0.17	253.43	0.91
43	1100	25	42.42	1.76E-02	1.14E-02	2.52E-03	9.36E-14	69.3	98.1	41.64	0.15	246.79	0.86
44	1100	45	44.06	1.74E-02	8.72E-03	2.10E-03	9.20E-14	73.0	98.4	43.40	0.17	256.53	0.95
45	1100	90	48.70	1.80E-02	6.83E-03	2.20E-03	1.05E-13	77.2	98.5	48.01	0.17	281.75	0.94
46	1200	17	68.37	2.10E-02	1.47E-02	4.31E-03	1.54E-13	83.4	98.0	67.06	0.31	382.36	1.58
47	1240	15	76.25	2.14E-02	9.97E-03	4.46E-03	2.87E-13	94.9	98.1	74.90	0.39	422.20	1.98
48	1280	15	75.85	2.00E-02	4.13E-03	4.35E-03	2.98E-14	96.1	98.2	74.53	0.31	420.34	1.54
49	1350	19	71.10	1.94E-02	2.31E-02	4.31E-03	7.60E-14	99.1	98.1	69.79	0.28	396.34	1.43
50	1550	15	81.42	2.14E-02	3.63E-02	8.05E-03	2.13E-14	100.0	97.0	79.02	0.31	442.76	1.56

AW9/4/03-6A *, granite (Early Paleozoic?), 20.1 mg, J=0.003522, Total Gas Age=158.9 ± 2.5 (1σ), Irradiation Shipment: UM113T5*

1	400	15	1151.17	2.51E-01	5.66E-02	7.01E-01	2.09E-15	0.1	82.0	944.15	11.35	2642.00	16.67
2	400	20	219.94	5.80E-02	6.71E-02	1.66E-01	6.01E-16	0.1	77.3	170.87	3.75	849.95	14.87
3	400	30	146.75	4.72E-02	6.64E-02	1.08E-01	4.83E-16	0.2	77.5	114.74	2.63	612.32	11.91
4	400	45	118.55	3.48E-02	-1.82E-02	6.67E-02	5.19E-16	0.2	82.5	98.80	2.61	538.69	12.32
5	450	15	466.01	4.19E-02	1.37E-02	2.11E-02	2.98E-15	0.4	98.6	459.74	4.68	1737.07	11.36
6	450	20	48.04	1.96E-02	2.39E-02	1.36E-02	1.52E-15	0.4	90.8	44.00	0.75	259.91	4.12
7	450	30	32.58	1.76E-02	2.18E-02	8.91E-03	1.86E-15	0.5	90.9	29.92	0.13	180.73	0.77
8	450	45	26.32	1.62E-02	-4.92E-04	8.47E-03	2.34E-15	0.7	89.5	23.79	0.34	145.14	1.99
9	500	15	193.44	2.23E-02	5.24E-03	5.38E-03	1.24E-14	1.3	99.1	191.82	1.04	931.19	3.94
10	500	20	12.91	1.42E-02	1.80E-02	2.42E-03	6.17E-15	1.7	93.5	12.16	0.13	75.67	0.81
11	500	30	9.18	1.28E-02	8.87E-03	2.00E-03	7.15E-15	2.1	92.4	8.55	0.11	53.55	0.65
12	500	45	8.35	1.25E-02	1.07E-02	1.80E-03	8.28E-15	2.5	92.4	7.79	0.11	48.83	0.68
13	550	15	70.57	1.68E-02	7.67E-03	2.10E-03	3.07E-14	4.2	99.0	69.92	0.34	397.13	1.71
14	550	20	6.61	1.31E-02	1.35E-02	1.11E-03	1.38E-14	4.9	93.9	6.25	0.06	39.29	0.39
15	550	30	5.06	1.31E-02	1.38E-02	1.01E-03	1.49E-14	5.7	92.7	4.73	0.05	29.78	0.30
16	550	45	4.35	1.24E-02	6.18E-03	7.96E-04	1.63E-14	6.6	93.0	4.08	0.05	25.73	0.29
17	600	15	25.95	1.40E-02	1.35E-02	1.36E-03	2.10E-14	7.7	98.2	25.52	0.11	155.26	0.65
18	600	20	4.54	1.27E-02	8.08E-03	4.89E-04	2.21E-14	8.9	95.5	4.37	0.04	27.53	0.26

19	600	30	3.13	1.28E-02	1.02E-02	7.21E-04	2.42E-14	10.2	91.4	2.89	0.03	18.26	0.22
20	600	45	3.13	1.22E-02	7.05E-03	5.09E-04	2.68E-14	11.6	93.5	2.95	0.03	18.62	0.21
21	650	15	9.93	1.30E-02	1.04E-02	5.55E-04	3.06E-14	13.3	97.8	9.74	0.05	60.83	0.28
22	650	20	2.83	1.25E-02	1.06E-02	2.62E-04	3.26E-14	15.0	95.5	2.72	0.03	17.22	0.18
23	650	30	2.74	1.26E-02	9.30E-03	2.50E-04	3.61E-14	17.0	95.5	2.64	0.03	16.68	0.16
24	650	45	2.67	1.26E-02	7.84E-03	3.12E-04	3.96E-14	19.1	94.8	2.55	0.02	16.10	0.13
25	700	15	4.33	1.28E-02	1.30E-02	3.48E-04	3.83E-14	21.2	96.5	4.20	0.03	26.49	0.16
26	700	22	3.14	1.25E-02	1.31E-02	2.63E-04	4.35E-14	23.5	96.1	3.03	0.02	19.13	0.12
27	750	15	3.78	1.26E-02	1.62E-02	2.81E-04	6.62E-14	27.1	96.7	3.66	0.01	23.11	0.09
28	750	22	2.72	1.23E-02	1.34E-02	1.67E-04	6.09E-14	30.4	96.7	2.64	0.02	16.68	0.10
29	800	15	3.38	1.24E-02	1.48E-02	3.06E-04	7.36E-14	34.3	96.2	3.26	0.01	20.61	0.08
30	800	22	2.85	1.25E-02	1.30E-02	1.89E-04	6.21E-14	37.7	96.6	2.76	0.02	17.45	0.10
31	825	16	3.21	1.23E-02	1.42E-02	2.09E-04	4.77E-14	40.2	96.7	3.11	0.02	19.68	0.11
32	850	15	3.32	1.23E-02	1.50E-02	2.53E-04	4.89E-14	42.9	96.4	3.21	0.02	20.31	0.12
33	875	15	3.79	1.24E-02	1.66E-02	3.03E-04	5.08E-14	45.6	96.5	3.67	0.02	23.16	0.12
34	900	16	4.12	1.24E-02	1.74E-02	2.71E-04	5.45E-14	48.5	97.0	4.01	0.02	25.30	0.13
35	925	15	4.85	1.25E-02	1.57E-02	2.88E-04	5.24E-14	51.3	97.4	4.74	0.02	29.85	0.14
36	950	15	5.91	1.26E-02	1.64E-02	2.85E-04	5.28E-14	54.2	97.8	5.79	0.02	36.43	0.14
37	975	16	7.81	1.27E-02	1.42E-02	2.30E-04	5.23E-14	57.0	98.6	7.71	0.03	48.31	0.16
38	1000	15	10.89	1.28E-02	1.51E-02	2.87E-04	4.48E-14	59.4	98.8	10.77	0.04	67.16	0.23
39	1025	15	14.62	1.32E-02	1.53E-02	4.20E-04	4.12E-14	61.6	98.8	14.46	0.04	89.63	0.27
40	1050	16	18.99	1.33E-02	1.66E-02	4.80E-04	3.93E-14	63.7	99.0	18.81	0.06	115.75	0.36
41	1075	15	23.48	1.40E-02	1.98E-02	6.08E-04	3.63E-14	65.7	99.0	23.27	0.07	142.10	0.44
42	1100	16	27.98	1.41E-02	2.06E-02	7.26E-04	4.13E-14	67.9	99.1	27.74	0.10	168.16	0.60
43	1100	25	30.01	1.39E-02	1.80E-02	6.34E-04	4.69E-14	70.4	99.2	29.79	0.10	180.02	0.55
44	1100	45	32.74	1.42E-02	1.91E-02	8.11E-04	5.88E-14	73.6	99.1	32.47	0.10	195.34	0.56
45	1100	90	37.71	1.47E-02	1.98E-02	1.20E-03	2.70E-14	75.1	98.9	37.32	0.14	222.81	0.77
46	1200	17	61.88	1.67E-02	2.69E-02	1.85E-03	8.52E-14	79.6	99.0	61.30	0.24	352.67	1.24
47	1240	15	61.57	1.58E-02	1.02E-02	1.55E-03	1.67E-13	88.6	99.1	61.08	0.26	351.49	1.34
48	1280	15	54.27	1.49E-02	5.45E-03	1.43E-03	1.91E-13	98.9	99.1	53.82	0.19	313.13	1.01
49	1350	18	78.38	1.87E-02	6.42E-02	3.65E-03	1.82E-14	99.9	98.5	77.27	0.30	434.26	1.50
50	1550	15	303.58	5.23E-02	2.65E-01	6.60E-02	1.75E-15	100.0	93.5	284.12	2.07	1251.06	6.57

AW9/7/03-5A *, Early Paleozoic granite, 26.9 mg, J=0.003524, Total Gas Age=248.5 ± 3.8 (1σ), Irradiation Shipment: UM113T5*

1	400	15	831.24	4.08E-01	1.99E-02	1.13E+00	2.82E-15	0.1	59.7	496.33	10.05	1824.43	23.24
2	400	20	319.04	1.26E-01	2.39E-02	2.25E-01	1.01E-15	0.1	78.9	252.50	4.43	1148.28	14.89
3	400	30	225.92	9.59E-02	-2.58E-03	1.27E-01	7.85E-16	0.1	82.9	188.30	3.57	918.24	13.65
4	400	45	179.20	7.77E-02	2.93E-02	8.73E-02	8.24E-16	0.2	85.0	153.39	2.68	779.64	11.06
5	450	15	280.24	8.85E-02	4.28E-03	2.44E-02	3.98E-15	0.3	97.2	273.00	2.79	1215.96	9.05

6	450	20	62.26	3.53E-02	4.80E-03	1.42E-02	2.31E-15	0.4	92.6	58.03	0.65	335.69	3.42
7	450	30	47.92	3.09E-02	5.45E-03	1.18E-02	2.72E-15	0.5	92.0	44.40	0.44	262.26	2.42
8	450	45	34.91	2.59E-02	1.01E-02	1.00E-02	3.34E-15	0.6	90.6	31.91	0.36	192.24	2.04
9	500	15	271.61	7.39E-02	1.16E-02	6.94E-03	1.12E-14	0.9	99.2	269.53	1.46	1204.67	4.75
10	500	20	19.02	1.85E-02	-6.43E-04	2.40E-03	8.98E-15	1.2	95.6	18.28	0.13	112.62	0.79
11	500	30	11.66	1.64E-02	2.81E-03	2.78E-03	1.06E-14	1.5	91.9	10.81	0.10	67.43	0.63
12	500	45	9.28	1.50E-02	-1.64E-04	2.11E-03	1.24E-14	1.9	92.1	8.62	0.07	54.00	0.43
13	550	15	189.30	5.68E-02	6.18E-03	5.65E-03	3.32E-14	3.0	99.0	187.60	1.07	915.55	4.10
14	550	20	10.69	1.50E-02	7.07E-03	9.65E-04	2.41E-14	3.8	96.7	10.37	0.04	64.76	0.25
15	550	30	10.43	1.49E-02	7.19E-03	1.04E-03	2.56E-14	4.6	96.4	10.09	0.05	63.06	0.28
16	550	45	6.99	1.39E-02	4.68E-03	9.54E-04	2.72E-14	5.4	95.0	6.68	0.04	41.97	0.24
17	600	15	95.27	3.58E-02	4.38E-03	2.76E-03	3.86E-14	6.7	99.0	94.42	0.44	518.22	2.08
18	600	20	12.34	1.52E-02	4.67E-03	5.18E-04	3.81E-14	7.9	98.3	12.16	0.04	75.69	0.26
19	600	30	6.18	1.39E-02	5.51E-03	6.24E-04	3.88E-14	9.1	96.1	5.97	0.03	37.55	0.18
20	600	45	4.06	1.32E-02	3.32E-03	5.36E-04	4.01E-14	10.4	94.7	3.87	0.03	24.43	0.17
21	650	15	28.23	2.05E-02	6.73E-03	1.16E-03	4.44E-14	11.8	98.6	27.86	0.10	168.96	0.56
22	650	20	5.05	1.37E-02	4.60E-03	3.46E-04	4.37E-14	13.2	96.9	4.92	0.02	31.01	0.13
23	650	30	3.53	1.33E-02	5.98E-03	4.16E-04	4.40E-14	14.6	95.0	3.37	0.02	21.31	0.13
24	650	45	3.06	1.31E-02	5.14E-03	4.46E-04	4.32E-14	15.9	93.9	2.90	0.02	18.33	0.13
25	700	15	9.87	1.49E-02	7.89E-03	5.77E-04	3.78E-14	17.1	97.7	9.66	0.03	60.41	0.20
26	700	22	3.81	1.34E-02	8.90E-03	4.60E-04	3.91E-14	18.4	95.0	3.64	0.02	22.99	0.14
27	750	15	8.91	1.46E-02	1.04E-02	5.51E-04	5.47E-14	20.1	97.6	8.71	0.03	54.56	0.19
28	750	22	4.06	1.31E-02	9.45E-03	3.45E-04	4.53E-14	21.5	96.2	3.92	0.02	24.77	0.14
29	800	15	6.59	1.40E-02	1.23E-02	3.95E-04	5.36E-14	23.2	97.5	6.44	0.02	40.50	0.14
30	800	22	4.75	1.31E-02	1.14E-02	3.33E-04	4.59E-14	24.7	96.8	4.62	0.02	29.14	0.14
31	825	16	6.30	1.33E-02	1.31E-02	3.62E-04	3.83E-14	25.9	97.4	6.16	0.03	38.74	0.16
32	850	15	6.51	1.34E-02	1.25E-02	4.12E-04	4.41E-14	27.3	97.3	6.36	0.03	39.98	0.17
33	875	15	13.77	1.38E-02	1.19E-02	6.09E-04	5.37E-14	29.0	98.3	13.56	0.04	84.21	0.26
34	900	16	7.44	1.36E-02	9.93E-03	4.46E-04	6.41E-14	31.1	97.6	7.28	0.02	45.68	0.15
35	925	15	9.08	1.45E-02	1.00E-02	4.73E-04	6.84E-14	33.2	98.0	8.90	0.03	55.74	0.16
36	950	15	11.88	1.47E-02	9.36E-03	4.07E-04	7.32E-14	35.5	98.6	11.73	0.04	73.09	0.25
37	975	16	17.46	1.60E-02	7.52E-03	5.25E-04	7.81E-14	38.0	98.8	17.27	0.06	106.61	0.33
38	1000	15	26.83	1.79E-02	6.85E-03	6.25E-04	7.18E-14	40.3	99.1	26.61	0.08	161.70	0.48
39	1025	15	39.29	2.07E-02	8.06E-03	9.56E-04	6.45E-14	42.4	99.1	38.97	0.12	232.18	0.66
40	1050	17	50.22	2.27E-02	4.99E-03	1.08E-03	9.40E-14	45.3	99.2	49.87	0.20	292.07	1.09
41	1075	15	52.18	2.34E-02	5.16E-03	9.45E-04	1.05E-13	48.7	99.3	51.87	0.21	302.88	1.13
42	1100	17	48.07	2.30E-02	5.93E-03	9.10E-04	2.17E-14	49.3	99.3	47.77	0.19	280.70	1.04
43	1100	25	40.08	2.15E-02	6.69E-03	7.95E-04	2.26E-14	50.1	99.2	39.82	0.14	236.89	0.79
44	1100	45	39.08	2.09E-02	3.31E-03	7.33E-04	2.62E-14	50.9	99.3	38.83	0.16	231.39	0.87

45	1100	90	42.95	2.25E-02	5.06E-03	8.13E-04	1.97E-13	57.2	99.3	42.68	0.21	252.77	1.18
46	1200	18	61.18	3.05E-02	7.01E-03	1.29E-03	3.00E-13	66.7	99.2	60.77	0.20	350.09	1.04
47	1240	15	67.39	2.98E-02	1.26E-03	1.28E-03	4.83E-13	82.0	99.3	66.98	0.28	382.30	1.42
48	1280	15	57.69	2.57E-02	1.90E-03	1.30E-03	3.90E-13	94.4	99.2	57.28	0.23	331.70	1.24
49	1350	19	32.75	1.83E-02	2.74E-03	8.39E-04	1.60E-13	99.4	99.0	32.47	0.13	195.47	0.76
50	1550	15	106.54	2.03E-02	8.84E-03	8.15E-03	1.80E-14	100.0	97.6	104.10	0.49	563.81	2.27

AW9/29/03-6A *, Baragaon gneiss, 24.6 mg, J=0.003525, Total Gas Age=264.8 ± 4.3 (1σ), Irradiation Shipment: UM113T5*

1	400	15	2989.66	6.18E-01	6.55E-02	9.23E-01	3.75E-15	0.1	90.8	2717.09	57.42	4255.16	34.52
2	400	20	196.43	7.87E-02	2.01E-02	2.40E-01	1.20E-15	0.2	63.7	125.36	2.51	660.16	11.07
3	400	30	129.88	4.80E-02	-5.21E-02	1.34E-01	9.54E-16	0.2	69.3	90.29	6.73	498.47	32.44
4	400	45	119.08	4.05E-02	-1.85E-02	8.68E-02	1.26E-15	0.3	78.2	93.39	1.71	513.35	8.19
5	450	15	1910.36	2.91E-01	-8.02E-04	1.35E-01	7.70E-15	0.6	97.9	1870.53	23.87	3657.22	19.99
6	450	20	71.06	2.45E-02	1.15E-02	1.22E-02	4.53E-15	0.7	94.8	67.42	0.39	384.62	2.03
7	450	30	48.69	2.13E-02	1.13E-02	1.09E-02	4.64E-15	0.9	93.1	45.45	0.31	268.03	1.67
8	450	45	41.86	2.04E-02	1.26E-02	1.31E-02	5.12E-15	1.1	90.5	37.96	0.29	226.52	1.62
9	500	15	801.62	1.32E-01	4.03E-02	6.03E-02	1.13E-14	1.5	97.7	783.79	8.55	2390.56	14.44
10	500	20	31.92	1.73E-02	2.81E-02	3.78E-03	1.18E-14	2.0	96.3	30.77	0.18	185.78	1.02
11	500	30	22.34	1.66E-02	4.23E-02	4.09E-03	1.12E-14	2.4	94.3	21.10	0.14	129.41	0.80
12	500	45	19.49	1.59E-02	5.80E-02	3.81E-03	1.14E-14	2.8	93.9	18.34	0.12	112.99	0.74
13	550	15	371.67	7.07E-02	9.88E-02	2.84E-02	2.03E-14	3.6	97.7	363.27	3.37	1487.17	9.39
14	550	20	21.26	1.58E-02	2.07E-01	2.65E-03	1.59E-14	4.2	96.1	20.46	0.11	125.61	0.65
15	550	30	13.10	1.49E-02	2.50E-01	2.45E-03	1.54E-14	4.7	94.2	12.36	0.07	76.94	0.40
16	550	45	10.25	1.45E-02	2.53E-01	2.70E-03	1.54E-14	5.3	91.8	9.44	0.08	59.04	0.52
17	600	15	136.63	3.48E-02	2.57E-01	1.05E-02	1.76E-14	6.0	97.7	133.53	0.57	695.83	2.46
18	600	20	11.79	1.47E-02	2.71E-01	1.80E-03	1.82E-14	6.6	95.2	11.25	0.07	70.16	0.41
19	600	30	9.17	1.46E-02	2.38E-01	1.93E-03	1.83E-14	7.3	93.4	8.59	0.07	53.79	0.40
20	600	45	5.38	1.36E-02	2.05E-01	1.70E-03	1.84E-14	8.0	90.0	4.86	0.06	30.67	0.37
21	650	15	74.42	2.45E-02	1.33E-01	5.70E-03	2.55E-14	9.0	97.7	72.72	0.32	411.66	1.61
22	650	20	8.18	1.39E-02	8.52E-02	1.24E-03	2.08E-14	9.8	94.9	7.79	0.05	48.84	0.34
23	650	30	8.05	1.36E-02	4.35E-02	1.43E-03	2.20E-14	10.6	94.1	7.60	0.06	47.66	0.36
24	650	45	5.23	1.34E-02	2.38E-02	1.56E-03	2.33E-14	11.4	90.3	4.74	0.04	29.86	0.27
25	700	15	46.77	2.00E-02	1.44E-02	3.42E-03	3.04E-14	12.6	97.7	45.73	0.16	269.61	0.90
26	700	22	4.03	1.33E-02	1.04E-02	7.06E-04	2.75E-14	13.6	93.7	3.79	0.03	23.95	0.20
27	750	15	24.98	1.62E-02	9.61E-03	1.97E-03	5.08E-14	15.5	97.5	24.37	0.08	148.64	0.47
28	750	22	3.26	1.29E-02	6.77E-03	5.60E-04	4.47E-14	17.2	93.6	3.06	0.02	19.36	0.14
29	800	15	12.42	1.44E-02	6.74E-03	1.11E-03	6.49E-14	19.6	97.1	12.06	0.03	75.08	0.20
30	800	22	3.22	1.28E-02	4.88E-03	4.46E-04	5.75E-14	21.8	94.7	3.06	0.02	19.35	0.10
31	825	16	2.59	1.26E-02	4.35E-03	4.16E-04	4.94E-14	23.6	93.7	2.44	0.02	15.44	0.13

32	850	15	2.62	1.26E-02	4.34E-03	3.31E-04	5.72E-14	25.8	94.7	2.49	0.02	15.76	0.11
33	875	15	4.10	1.30E-02	5.68E-03	4.94E-04	6.53E-14	28.2	95.5	3.92	0.02	24.75	0.12
34	900	16	5.27	1.31E-02	4.98E-03	4.50E-04	7.33E-14	30.9	96.7	5.10	0.01	32.16	0.09
35	925	15	4.68	1.31E-02	5.31E-03	5.25E-04	7.08E-14	33.6	95.9	4.49	0.02	28.32	0.10
36	950	15	6.96	1.34E-02	6.26E-03	8.07E-04	7.37E-14	36.3	96.0	6.69	0.02	42.04	0.13
37	975	16	10.61	1.39E-02	6.87E-03	9.39E-04	8.32E-14	39.5	97.0	10.30	0.03	64.33	0.18
38	1000	15	16.10	1.47E-02	7.47E-03	1.25E-03	9.50E-14	43.0	97.5	15.70	0.05	97.17	0.28
39	1025	15	21.30	1.55E-02	5.12E-03	1.55E-03	1.07E-13	47.0	97.7	20.81	0.08	127.68	0.46
40	1050	17	24.28	1.61E-02	5.07E-03	1.76E-03	1.79E-13	53.8	97.7	23.73	0.08	144.92	0.49
41	1075	15	26.67	1.64E-02	4.86E-03	1.76E-03	1.79E-13	60.4	97.9	26.12	0.10	158.88	0.60
42	1100	17	26.94	1.63E-02	3.59E-03	1.64E-03	1.71E-13	66.9	98.0	26.42	0.09	160.64	0.53
43	1100	25	24.22	1.62E-02	4.03E-03	1.59E-03	4.18E-14	68.4	97.9	23.71	0.09	144.80	0.52
44	1100	45	25.82	1.63E-02	2.69E-03	1.66E-03	3.82E-14	69.8	97.9	25.29	0.10	154.07	0.56
45	1100	90	31.40	1.73E-02	1.93E-03	2.10E-03	1.11E-13	74.0	97.9	30.75	0.10	185.63	0.56
46	1200	17	46.31	1.94E-02	1.25E-03	2.81E-03	2.38E-14	74.9	98.1	45.45	0.21	268.06	1.13
47	1240	15	56.76	2.16E-02	4.13E-03	3.72E-03	3.39E-14	76.1	98.0	55.63	0.24	322.99	1.29
48	1280	15	62.47	2.16E-02	2.44E-03	4.39E-03	4.01E-13	91.2	97.8	61.14	0.20	352.05	1.05
49	1350	19	63.25	2.10E-02	-6.15E-04	4.87E-03	1.77E-13	97.8	97.6	61.78	0.12	355.41	0.65
50	1550	15	71.08	2.20E-02	7.70E-03	6.57E-03	5.92E-14	100.0	97.2	69.11	0.30	393.28	1.52

AW9/4/03-3, *Baragaon gneiss, 21.6 mg, J=0.003586, Total Gas Age=151.4 ± 2.4 (1σ), Irradiation Shipment: UM114T2*

1	400	15	951.51	3.07E-01	2.30E-02	4.09E-01	3.41E-15	0.2	87.2	830.56	12.24	2491.30	19.90
2	400	20	177.47	7.31E-02	3.32E-02	8.22E-02	1.61E-15	0.2	86.1	153.14	1.84	789.73	7.69
3	400	30	142.28	5.63E-02	1.55E-02	5.92E-02	1.34E-15	0.3	87.4	124.77	2.05	667.18	9.16
4	400	45	114.78	4.81E-02	1.40E-02	4.69E-02	1.49E-15	0.4	87.6	100.89	1.22	557.14	5.78
5	450	15	703.94	1.69E-01	2.75E-03	4.51E-02	4.42E-15	0.6	98.0	690.60	9.05	2248.02	16.84
6	450	20	41.33	2.37E-02	1.19E-02	8.65E-03	4.50E-15	0.8	93.4	38.75	0.32	234.75	1.83
7	450	30	31.60	2.10E-02	4.18E-03	6.71E-03	5.32E-15	1.0	93.3	29.59	0.23	181.93	1.37
8	450	45	22.42	1.87E-02	7.80E-03	6.37E-03	6.51E-15	1.3	91.1	20.51	0.18	128.03	1.10
9	500	15	275.52	7.21E-02	7.70E-03	1.64E-02	1.62E-14	2.0	98.2	270.63	1.50	1223.73	4.94
10	500	20	12.18	1.54E-02	8.40E-03	2.03E-03	1.54E-14	2.7	94.5	11.55	0.08	73.23	0.49
11	500	30	8.70	1.43E-02	3.77E-03	1.67E-03	1.71E-14	3.5	93.6	8.18	0.06	52.14	0.40
12	500	45	6.81	1.36E-02	4.27E-03	1.79E-03	1.96E-14	4.4	91.4	6.25	0.05	40.01	0.35
13	550	15	100.74	3.65E-02	1.21E-02	7.47E-03	3.25E-14	5.8	97.7	98.51	0.48	545.77	2.30
14	550	20	5.83	1.39E-02	5.75E-03	1.38E-03	2.95E-14	7.2	92.2	5.39	0.04	34.55	0.23
15	550	30	3.94	1.34E-02	5.45E-03	9.17E-04	3.06E-14	8.5	92.0	3.64	0.03	23.43	0.17
16	550	45	3.25	1.31E-02	5.43E-03	9.57E-04	3.20E-14	10.0	89.9	2.94	0.02	18.92	0.15
17	600	15	36.37	2.05E-02	5.87E-03	2.75E-03	4.16E-14	11.8	97.6	35.53	0.12	216.36	0.67
18	600	20	3.04	1.30E-02	6.45E-03	5.11E-04	3.64E-14	13.5	93.6	2.86	0.02	18.41	0.15

19	600	30	2.11	1.30E-02	8.90E-03	6.08E-04	3.56E-14	15.1	89.5	1.91	0.02	12.29	0.16
20	600	45	1.83	1.28E-02	6.69E-03	7.52E-04	3.52E-14	16.7	85.5	1.58	0.02	10.19	0.15
21	650	15	18.16	1.64E-02	9.59E-03	1.59E-03	3.75E-14	18.4	97.2	17.66	0.05	110.78	0.33
22	650	20	2.27	1.31E-02	1.08E-02	4.48E-04	3.44E-14	19.9	92.2	2.11	0.02	13.59	0.16
23	650	30	1.99	1.28E-02	1.14E-02	5.90E-04	3.45E-14	21.4	89.0	1.79	0.03	11.52	0.18
24	650	45	1.81	1.31E-02	1.14E-02	7.34E-04	3.45E-14	23.0	85.6	1.56	0.03	10.09	0.16
25	700	15	8.62	1.46E-02	1.57E-02	1.61E-03	3.22E-14	24.5	94.0	8.11	0.03	51.75	0.21
26	700	22	2.84	1.34E-02	1.50E-02	8.35E-04	3.38E-14	26.0	89.7	2.56	0.03	16.49	0.16
27	750	15	7.94	1.41E-02	1.65E-02	1.02E-03	5.12E-14	28.3	95.7	7.61	0.03	48.61	0.20
28	750	22	1.99	1.29E-02	1.26E-02	4.21E-04	4.46E-14	30.3	91.7	1.84	0.02	11.88	0.11
29	800	15	4.72	1.34E-02	1.40E-02	5.97E-04	5.71E-14	32.9	95.5	4.51	0.02	28.96	0.12
30	800	22	2.14	1.30E-02	1.27E-02	4.11E-04	4.96E-14	35.1	92.5	2.00	0.02	12.86	0.13
31	825	16	2.52	1.29E-02	1.37E-02	5.07E-04	4.11E-14	36.9	92.4	2.35	0.02	15.12	0.15
32	850	15	3.08	1.33E-02	1.40E-02	4.93E-04	4.65E-14	39.0	94.0	2.90	0.02	18.70	0.14
33	875	15	3.61	1.33E-02	1.50E-02	5.63E-04	5.24E-14	41.4	94.3	3.41	0.02	21.95	0.11
34	900	16	4.31	1.35E-02	1.44E-02	6.87E-04	5.85E-14	44.0	94.4	4.08	0.02	26.20	0.12
35	925	15	6.18	1.39E-02	1.67E-02	6.95E-04	5.71E-14	46.6	96.1	5.94	0.02	38.05	0.14
36	950	15	9.21	1.46E-02	1.73E-02	1.02E-03	5.96E-14	49.3	96.3	8.88	0.03	56.55	0.19
37	975	16	13.72	1.56E-02	1.42E-02	1.41E-03	6.80E-14	52.3	96.7	13.28	0.04	83.91	0.25
38	1000	15	20.08	1.71E-02	9.94E-03	1.82E-03	7.88E-14	55.9	97.1	19.51	0.06	122.01	0.39
39	1025	15	24.77	1.80E-02	8.44E-03	2.16E-03	3.91E-14	57.6	97.2	24.10	0.10	149.56	0.59
40	1050	17	27.17	1.86E-02	8.98E-03	2.07E-03	1.39E-13	63.9	97.6	26.53	0.09	163.95	0.52
41	1075	15	27.31	1.88E-02	1.11E-02	1.89E-03	1.22E-13	69.4	97.8	26.72	0.09	165.09	0.55
42	1100	17	26.36	1.88E-02	1.30E-02	1.68E-03	1.14E-13	74.5	97.9	25.83	0.08	159.84	0.47
43	1100	25	24.14	1.83E-02	1.39E-02	1.45E-03	8.46E-14	78.3	98.1	23.69	0.08	147.09	0.45
44	1100	45	24.52	1.85E-02	1.43E-02	1.56E-03	8.12E-14	82.0	98.0	24.04	0.07	149.17	0.41
45	1100	90	27.10	1.90E-02	1.11E-02	1.76E-03	3.31E-14	83.5	97.9	26.56	0.10	164.12	0.59
46	1200	17	39.58	2.22E-02	9.52E-03	2.24E-03	1.35E-13	89.5	98.2	38.89	0.14	235.57	0.82
47	1240	15	45.21	2.25E-02	2.86E-03	2.59E-03	2.33E-13	100.0	98.2	44.42	0.19	266.65	1.06

AW9/19/03-3, *Baragaon gneiss, 20.5 mg, J=0.003605, Total Gas Age=164.8 ± 2.6 (1σ), Irradiation Shipment: UM114T2*

1	400	15	602.38	2.76E-01	2.69E-02	1.07E+00	5.41E-15	0.3	47.4	285.98	4.98	1278.20	15.95
2	400	22	176.59	1.10E-01	1.75E-02	4.62E-01	2.64E-15	0.4	22.7	40.15	2.14	243.89	12.17
3	450	15	314.91	6.83E-02	8.93E-03	1.16E-01	8.43E-15	0.8	89.0	280.48	1.72	1260.49	5.57
4	450	22	27.17	2.18E-02	8.50E-03	3.74E-02	5.58E-15	1.0	58.9	16.09	0.31	101.73	1.89
5	500	15	122.14	3.25E-02	9.09E-03	3.16E-02	1.47E-14	1.7	92.3	112.79	0.52	615.50	2.43
6	500	22	8.20	1.46E-02	9.12E-03	4.70E-03	1.39E-14	2.4	82.1	6.78	0.09	43.59	0.59
7	550	15	61.15	2.20E-02	1.07E-02	1.30E-02	3.00E-14	3.7	93.6	57.29	0.25	338.71	1.35
8	550	22	4.83	1.36E-02	1.12E-02	2.04E-03	2.30E-14	4.8	86.3	4.20	0.05	27.12	0.31

9	600	15	25.41	1.67E-02	1.28E-02	7.36E-03	4.26E-14	6.8	91.3	23.21	0.09	144.95	0.52
10	600	22	2.58	1.28E-02	1.08E-02	1.28E-03	3.33E-14	8.3	83.5	2.18	0.03	14.11	0.19
11	650	15	9.14	1.39E-02	1.35E-02	2.95E-03	5.14E-14	10.7	90.0	8.24	0.03	52.83	0.21
12	650	22	2.27	1.28E-02	1.44E-02	9.72E-04	3.71E-14	12.4	85.3	1.96	0.03	12.70	0.17
13	700	15	5.39	1.34E-02	1.93E-02	2.13E-03	4.53E-14	14.6	87.5	4.73	0.03	30.50	0.19
14	700	22	2.37	1.30E-02	1.83E-02	1.00E-03	3.29E-14	16.1	85.5	2.05	0.03	13.29	0.18
15	750	15	5.87	1.37E-02	2.04E-02	3.46E-03	3.91E-14	17.9	81.8	4.82	0.04	31.10	0.23
16	750	22	2.40	1.31E-02	1.92E-02	1.07E-03	2.92E-14	19.3	84.7	2.06	0.02	13.35	0.15
17	800	15	5.51	1.39E-02	2.03E-02	4.60E-03	3.32E-14	20.8	74.5	4.12	0.04	26.61	0.28
18	800	22	2.67	1.28E-02	2.03E-02	1.36E-03	2.65E-14	22.0	82.9	2.24	0.04	14.49	0.24
19	825	16	3.85	1.33E-02	2.18E-02	1.98E-03	2.16E-14	23.0	83.2	3.24	0.05	20.93	0.34
20	850	15	5.22	1.37E-02	2.31E-02	3.38E-03	2.43E-14	24.2	79.8	4.19	0.05	27.08	0.31
21	875	15	5.52	1.35E-02	2.29E-02	2.66E-03	2.73E-14	25.4	84.8	4.71	0.04	30.36	0.23
22	900	16	7.05	1.44E-02	2.22E-02	4.06E-03	3.26E-14	26.9	82.3	5.82	0.05	37.45	0.29
23	925	15	9.62	1.46E-02	2.45E-02	5.49E-03	3.48E-14	28.6	82.6	7.97	0.05	51.11	0.30
24	950	15	11.69	1.50E-02	2.58E-02	5.47E-03	3.99E-14	30.4	85.8	10.05	0.06	64.20	0.35
25	975	17	15.31	1.56E-02	1.93E-02	6.68E-03	5.57E-14	33.0	86.8	13.31	0.06	84.54	0.35
26	1000	15	19.76	1.62E-02	1.38E-02	8.32E-03	6.92E-14	36.2	87.3	17.27	0.08	108.99	0.46
27	1025	15	22.52	1.67E-02	1.17E-02	8.61E-03	9.23E-14	40.5	88.5	19.94	0.08	125.26	0.48
28	1050	16	23.87	1.66E-02	1.07E-02	7.70E-03	1.06E-13	45.4	90.3	21.57	0.10	135.09	0.60
29	1075	15	24.76	1.65E-02	1.17E-02	7.01E-03	1.25E-13	51.2	91.4	22.66	0.10	141.65	0.63
30	1100	18	25.39	1.66E-02	1.31E-02	5.89E-03	1.30E-13	57.2	92.9	23.62	0.11	147.43	0.68
31	1100	25	25.85	1.66E-02	1.03E-02	4.62E-03	9.10E-14	61.5	94.6	24.46	0.08	152.45	0.51
32	1100	45	27.61	1.69E-02	1.01E-02	4.30E-03	8.98E-14	65.6	95.2	26.31	0.10	163.46	0.60
33	1100	90	30.59	1.74E-02	8.85E-03	4.37E-03	3.76E-14	67.4	95.6	29.27	0.06	180.99	0.35
34	1100	180	34.01	1.78E-02	6.50E-03	5.57E-03	3.24E-14	68.9	95.0	32.34	0.12	198.92	0.69
35	1200	17	41.92	1.95E-02	3.42E-03	6.84E-03	1.95E-13	77.9	95.0	39.87	0.18	242.31	1.03
36	1240	15	45.44	1.95E-02	1.71E-03	7.09E-03	2.94E-13	91.6	95.3	43.32	0.19	261.78	1.09
37	1280	15	42.78	1.92E-02	3.11E-03	8.09E-03	1.09E-13	96.7	94.3	40.36	0.16	245.08	0.88
38	1350	17	35.77	1.84E-02	6.31E-03	8.72E-03	4.54E-14	98.8	92.6	33.16	0.15	203.73	0.89

AW9/24/03-5, *Baragaon gneiss, 20.5 mg, J=0.003619, Total Gas Age=242.2 ± 3.8 (1σ), Irradiation Shipment: UM114T2*

1	400	15	1980.91	4.12E-01	3.81E-02	6.51E-01	2.19E-15	0.1	90.2	1788.61	28.41	3628.58	24.82
2	400	22	157.73	4.78E-02	8.63E-03	1.10E-01	9.50E-16	0.2	79.1	125.22	1.01	674.27	4.54
3	450	15	748.06	1.38E-01	4.01E-03	4.74E-02	5.08E-15	0.4	98.1	734.02	6.78	2339.00	12.11
4	450	22	52.21	2.05E-02	4.86E-03	1.26E-02	3.51E-15	0.6	92.5	48.47	0.42	291.57	2.32
5	500	15	321.52	6.99E-02	8.42E-03	1.92E-02	1.75E-14	1.5	98.2	315.82	1.98	1375.09	6.03
6	500	22	30.58	1.81E-02	1.03E-02	4.80E-03	1.00E-14	2.0	95.1	29.13	0.09	180.84	0.54
7	550	15	153.75	3.94E-02	1.31E-02	9.21E-03	3.01E-14	3.6	98.2	151.00	0.80	786.54	3.36

8	550	22	14.03	1.51E-02	2.09E-02	2.08E-03	1.72E-14	4.5	95.2	13.39	0.06	85.34	0.40
9	600	15	68.86	2.50E-02	2.93E-02	3.93E-03	2.97E-14	6.0	98.2	67.68	0.32	395.24	1.70
10	600	22	6.30	1.38E-02	2.39E-02	1.57E-03	1.96E-14	7.0	91.8	5.81	0.05	37.52	0.31
11	650	15	41.04	1.98E-02	2.03E-02	2.59E-03	3.39E-14	8.8	98.0	40.25	0.13	245.32	0.77
12	650	22	5.87	1.33E-02	1.91E-02	1.11E-03	1.96E-14	9.8	93.5	5.51	0.05	35.63	0.32
13	700	15	27.81	1.75E-02	2.17E-02	2.15E-03	3.29E-14	11.5	97.6	27.14	0.10	169.06	0.60
14	700	22	4.26	1.31E-02	1.53E-02	1.05E-03	2.22E-14	12.6	91.5	3.92	0.04	25.43	0.24
15	750	15	13.38	1.48E-02	1.67E-02	1.36E-03	3.34E-14	14.4	96.7	12.95	0.05	82.65	0.30
16	750	22	3.22	1.25E-02	1.17E-02	7.97E-04	2.59E-14	15.7	91.2	2.95	0.04	19.18	0.23
17	800	15	6.90	1.33E-02	1.55E-02	1.01E-03	3.73E-14	17.6	95.1	6.58	0.04	42.45	0.22
18	800	22	3.19	1.29E-02	1.31E-02	7.28E-04	3.26E-14	19.3	91.9	2.95	0.02	19.15	0.16
19	825	16	3.97	1.28E-02	1.25E-02	7.74E-04	2.91E-14	20.8	93.1	3.71	0.02	24.08	0.14
20	850	15	4.93	1.28E-02	1.41E-02	7.05E-04	3.44E-14	22.6	94.9	4.69	0.03	30.38	0.17
21	875	15	6.31	1.35E-02	1.48E-02	8.58E-04	4.06E-14	24.7	95.3	6.03	0.03	38.95	0.18
22	900	16	8.66	1.35E-02	1.59E-02	9.55E-04	4.75E-14	27.2	96.3	8.35	0.03	53.68	0.21
23	925	15	12.28	1.43E-02	1.67E-02	1.21E-03	4.94E-14	29.7	96.8	11.90	0.04	76.07	0.25
24	950	15	16.52	1.51E-02	1.68E-02	1.43E-03	5.48E-14	32.5	97.2	16.07	0.06	101.97	0.34
25	975	16	22.28	1.61E-02	1.70E-02	1.69E-03	7.43E-14	36.4	97.6	21.75	0.07	136.72	0.41
26	1000	15	26.71	1.70E-02	1.50E-02	1.78E-03	8.38E-14	40.7	97.9	26.15	0.09	163.15	0.56
27	1025	15	28.04	1.73E-02	1.32E-02	1.67E-03	1.23E-13	47.1	98.1	27.52	0.09	171.27	0.54
28	1050	17	29.30	1.78E-02	1.36E-02	1.75E-03	1.42E-13	54.4	98.1	28.76	0.12	178.64	0.69
29	1075	15	31.86	1.73E-02	1.35E-02	1.64E-03	1.10E-13	60.1	98.3	31.35	0.12	193.89	0.70
30	1100	17	33.64	1.75E-02	1.41E-02	1.66E-03	6.64E-14	63.5	98.4	33.12	0.11	204.24	0.61
31	1100	25	35.39	1.76E-02	1.41E-02	1.86E-03	6.03E-14	66.7	98.3	34.81	0.11	214.06	0.65
32	1100	45	37.82	1.81E-02	1.43E-02	2.36E-03	2.59E-14	68.0	98.0	37.10	0.12	227.28	0.69
33	1100	90	40.53	1.87E-02	1.30E-02	2.40E-03	8.39E-14	72.3	98.1	39.79	0.18	242.72	1.02
34	1100	180	43.59	1.96E-02	1.28E-02	3.06E-03	9.28E-14	77.1	97.8	42.65	0.15	258.98	0.86
35	1200	17	54.01	2.11E-02	9.77E-03	1.80E-03	1.41E-13	84.4	98.9	53.45	0.24	319.05	1.33
36	1240	15	50.29	1.99E-02	5.67E-03	1.87E-03	1.75E-13	93.5	98.8	49.71	0.19	298.47	1.06
37	1280	15	49.26	1.96E-02	5.86E-03	2.70E-03	6.90E-14	97.1	98.3	48.43	0.20	291.37	1.10
38	1350	17	73.61	2.20E-02	3.45E-02	4.52E-03	3.32E-14	98.8	98.1	72.25	0.28	419.08	1.47
39	1550	15	53.96	2.19E-02	2.07E-02	1.24E-02	2.37E-14	100.0	93.1	50.27	0.23	301.57	1.30

AW9/26/03-1B, *Baragaon gneiss, 19.6 mg, J=0.003624, Total Gas Age=1937.9 ± 28.8 (1σ), Irradiation Shipment: UM114T2*

1	400	15	16024.61	2.66E+00	1.27E-02	3.46E+00	2.26E-16	0.8	93.6	15002.10	128.34	7241.77	15.15
2	400	20	3334.47	5.75E-01	-2.68E-01	5.10E-01	5.43E-17	1.1	95.2	3183.09	229.95	4561.93	119.93
3	400	30	3746.25	4.87E-01	2.94E-01	6.85E-01	3.47E-17	1.2	94.2	3544.49	373.16	4741.21	176.22
4	400	45	3245.29	6.64E-01	3.66E-01	8.91E-01	3.44E-17	1.3	91.5	2982.67	368.02	4454.25	203.75
5	450	15	29824.05	3.01E+00	-1.24E-01	7.57E-01	3.18E-17	1.4	99.2	29598.17	548.64	8451.55	33.13

6	450	20	2535.98	3.67E-01	5.57E-01	2.93E-01	6.92E-17	1.7	96.3	2450.24	147.73	4132.40	97.77
7	450	30	2295.99	3.24E-01	6.64E-01	3.36E-01	6.16E-17	1.9	95.3	2197.57	139.59	3956.92	101.81
8	450	45	1701.50	2.91E-01	2.92E-01	3.98E-01	7.15E-17	2.2	92.7	1584.25	96.55	3442.83	93.64
9	500	15	20021.52	2.38E+00	9.01E-01	5.97E-01	1.71E-16	2.8	99.1	19855.41	138.86	7739.45	12.44
10	500	20	1263.04	1.89E-01	3.28E-01	1.35E-01	1.43E-16	3.4	96.6	1223.49	43.48	3053.87	52.32
11	500	30	777.83	1.14E-01	2.06E-01	1.57E-01	1.42E-16	3.9	93.6	731.40	25.60	2336.24	45.84
12	500	45	640.43	1.34E-01	4.34E-01	1.73E-01	1.54E-16	4.5	91.5	589.51	22.75	2062.34	47.43
13	550	15	6034.49	7.43E-01	4.13E-01	1.76E-01	2.52E-16	5.4	99.1	5984.00	153.01	5632.09	44.10
14	550	20	431.10	8.58E-02	5.72E-01	6.73E-02	2.58E-16	6.4	94.9	411.35	7.34	1646.48	19.27
15	550	30	327.56	7.61E-02	4.67E-01	8.68E-02	2.60E-16	7.4	91.6	301.98	6.71	1333.80	20.95
16	550	45	243.05	7.80E-02	6.33E-01	9.85E-02	2.73E-16	8.4	87.3	214.03	5.48	1035.94	20.19
17	600	15	2128.91	2.83E-01	6.83E-01	8.60E-02	3.88E-16	9.9	98.7	2104.33	46.69	3887.60	35.39
18	600	20	167.35	5.36E-02	6.95E-01	5.37E-02	3.83E-16	11.3	89.8	151.55	3.18	789.82	13.42
19	600	30	119.18	5.36E-02	6.08E-01	6.05E-02	3.86E-16	12.8	84.0	101.35	2.96	564.43	14.16
20	600	45	92.08	4.96E-02	6.89E-01	7.11E-02	4.02E-16	14.3	76.1	71.11	2.74	413.71	14.26
21	650	15	998.64	1.38E-01	6.83E-01	4.87E-02	5.17E-16	16.2	98.5	984.63	20.92	2740.81	29.95
22	650	20	75.21	3.46E-02	6.56E-01	2.74E-02	5.06E-16	18.1	88.0	67.15	1.58	392.98	8.29
23	650	30	55.06	3.36E-02	6.65E-01	3.78E-02	5.21E-16	20.1	78.3	43.92	1.87	266.47	10.57
24	650	45	51.38	3.46E-02	6.34E-01	4.70E-02	5.52E-16	22.2	71.6	37.51	1.67	229.95	9.59
25	700	15	364.67	6.95E-02	7.58E-01	2.76E-02	6.30E-16	24.6	97.5	356.69	4.74	1496.99	13.51
26	700	22	39.76	3.10E-02	7.10E-01	2.31E-02	6.94E-16	27.2	81.3	32.95	1.15	203.55	6.71
27	750	15	368.02	6.30E-02	8.14E-01	2.50E-02	1.12E-15	31.4	97.9	360.82	3.38	1508.72	9.58
28	750	22	28.91	2.23E-02	7.17E-01	2.01E-02	9.35E-16	34.9	78.0	22.99	1.06	144.38	6.42
29	800	15	375.02	5.97E-02	8.19E-01	2.30E-02	1.28E-15	39.7	98.1	368.40	3.55	1530.06	9.95
30	800	22	27.87	2.02E-02	7.17E-01	1.57E-02	1.15E-15	44.1	82.0	23.23	0.65	145.87	3.93
31	825	16	57.89	2.32E-02	6.29E-01	1.52E-02	1.10E-15	48.2	91.5	53.43	1.04	319.33	5.67
32	850	15	67.66	2.22E-02	5.73E-01	1.13E-02	1.44E-15	53.6	94.6	64.36	0.78	378.25	4.11
33	875	15	41.36	2.10E-02	4.86E-01	8.78E-03	1.98E-15	61.0	93.1	38.78	0.42	237.26	2.42
34	900	16	30.16	1.83E-02	3.30E-01	6.28E-03	2.86E-15	71.8	93.2	28.30	0.32	176.15	1.93
35	925	15	32.73	1.79E-02	2.75E-01	6.13E-03	2.95E-15	82.9	93.9	30.91	0.27	191.55	1.57
36	950	15	42.42	1.96E-02	3.19E-01	7.27E-03	2.21E-15	91.2	94.4	40.26	0.40	245.74	2.26
37	975	16	90.03	2.90E-02	5.08E-01	1.33E-02	1.36E-15	96.3	95.2	86.11	0.92	490.06	4.58
38	1000	15	166.99	3.97E-02	6.37E-01	1.89E-02	9.72E-16	100.0	96.3	161.46	1.71	831.18	7.06