

Spot	196	u0/u	(7/6) <sub>u</sub>	u	T <sub>u</sub>	204	f <sub>204</sub> <sup>70</sup>	Outliers	(6/38) <sub>u</sub>
sl4-1	7600	6.737346	—	220	12.6	-0.1	—	? 208#2	—
sl4-2	7700	7.122647	—	220	11.8	-0.9	—	204#1	572
sl4-3	6600	6.814673	—	220	12.3	-0.7	—	none	572

Adjust dno, return to bkgnd 0.055 after 204 cycles on 95-3 cz3 to conserve sth while stabilising

No Data Saved to disk  
or unks analysed

Raster 2 min 100  $\mu$ 

95/2 6/2/95

Spot	196	u0/u	(7/6) $\mu$	u	Th	204 $\mu$ <sup>b</sup>	f204%	outliers
Throw	3-1, 3-2, cyc		Totally retuned	10				
s/3-3	12800	6.356	594	220	12.4	0.6	0.05	none
s/3-4	14500	6.274	595	224	12.7	0.3	0.02	none
A1.1	14400	6.327	$3262.1 \pm 5.8$	45.5	25	0.6	0.02	none
s/3-5	14300	6.189	547	235	13.0	0.4	0.03	none
A2.1	15000	6.317	$3269.9 \pm 6.5$	40	15.8	2.9	0.13	none
A3.1	14600	6.277	$3269.3 \pm 7.3$	30.9	16.4	0.8	0.05	none
s/3-6	14000	6.42	565 (6/8) <sub>8</sub>	218	12.3	-0.7	—	none
A4.1	14200	6.47	$3279.4 \pm 5.3$	56	36.8	2.1	0.07	none
A5.1	13500	6.687	$3278.1 \pm 5.1$	56	30.7	2.5	0.08	none
s/3-7	12600	6.444	555	213	11.9	0.2	0.02	none
A6.1	7500	7.26	$3276.8 \pm 7.1$	50	20	1.7	0.07	? scan 1
A7.1	12700	6.94	$3288.5 \pm 4.7$	58	25	1.4	0.04	? scan 1, 2
A8.1	15400	6.26	$3260.9 \pm 5.5$	56	26	1.8	0.06	none
s/3-8	14400	6.349	584	212	11.8	0.3	0.02	none
A9.1	14000	6.588	$3303.2 \pm 7.5$	24.7	12.9	0.2	0.01	none
A10.1	16000	6.267	$3292.9 \pm 7.5$	54	47	19.6	0.84	?206#1, 207#1
A11.1	14000	6.589	3322	33	14	-1.4	—	248#7, 254#7
A12.1	13800	6.690	$3265.4 \pm 8.0$	25	11	0.8	0.05	none
s/3-9	11200	6.869	549	208	11.8	-0.1	—	
s/3-10	13200	6.497	711	197	11.0	1.4	0.13	
A13.1	13500	6.822	$3268.6 \pm 6.0$	43	19.8	1.0	0.04	none
A14.1	12300	7.074	$3307.9 \pm 7.2$	41	24	9.4	0.50	none
A15.1	14300	6.118	$3243.1 \pm 8.2$	33	16.8	6.9	0.38	none
A16.1	12258	6.700	3247.9	56	34	0.1	0.00	
s/3-11	11170	6.692	$574.6 (6/8)_8$	205	11.4	0.2	0.01	

Spot	196	40/4	(7/6) 4	u	Th	204 Pb	f204g	Outlier
s11-1	12797	5.687	595.8	220	12.4	-0.1	—	none
s11-2	12195	5.652	508.3 $\pm$ 29	233	132	1.9	0.15	none
A17.1	11070	5.801	<u>3270.8</u> $\pm$ 6.6	45	28	0.9	0.03	none
A18.1	10967	5.863	3324.8	45	20	-0.1	—	none
s11-3	11154	5.6629	541.5 $\pm$ 27	231	13.1	1.3	0.10	none
A19.1	11093	5.963	<u>3260.2</u> $\pm$ 5.0	117	102	18.2	0.37	none
A20.1	10896	6.158	<u>3262.4</u> $\pm$ 8.6	65	44	77	2.34	none
A21.1	11219	5.946	<u>3265.3</u>	20	7.0	0.0	—	?#7
s11-4	10867	5.769	599.3 $\pm$ 29	228	12.9	0.9	0.07	none
A22.1	11090	5.427	<u>3259.7</u> $\pm$ 5.9	64	27	1.2	0.03	none
A23.1	11350	5.596	<u>3265.3</u> $\pm$ 5.9	62	29	1.1	0.103	none
A24.1	10935	5.718	3275.6 $\pm$ 7.6	46	17	7.8	0.32	? climb thru scans
s11-5	10916	5.812	536	220	12.5	0.5	0.04	none

matching lens up to 3900

Raster 100  $\mu$  3 min

95-2

15/2/95

spot	196	40/u	(7/6) <sub>4</sub>	U	Th	Pb/ppb	Fe04%	outliers
sl 2-1	10800	6.463	597	220	12.2	1.5	0.13	none
sl 2-2	14300	6.018	(4/8) 572	220	12.5	0.1	0.01	none
sl 1-6	12600	6.284	613	218	12.3	-0.3	—	none
sl 1-7	12700	6.166	(6/38) 600	223	12.4	2.1	0.17	none
B4.1	13100	6.508	2646.5 $\pm$ 6.6	355	173	240	2.16	none
B5.1	12100	6.671	2905.9 $\pm$ 4.8	338	170	316	2.12	none
sl 1-8	12800	6.269	517	218	12.3	1.0	0.08	none
B6.1	14000	6.661	2698.5 $\pm$ 6.9	436	220	732	4.69	none
B7.1	13300	6.622	2740.3 $\pm$ 3.0	401	141	28	0.21	none
B8.1	13700	6.325	2906.8 $\pm$ 16.9	104	24	452	9.14	none
sl 1-9	1300	6.141	580	228	13	0	—	none
- HV off sample loading								
sl 1-10	15600	5.897	575	243	13	0.8	0.105	none
B9.1	11250	6.676	2934.8 $\pm$ 5.8	303	246	392	3.05	none
B10.1	11200	6.703	2685.0 $\pm$ 8.1	469	307	875	5.40	none
B11.1	10900	6.537	2835.8 $\pm$ 4.7	427	105	345	1.91	none
B12.1	11000	6.682	2919.0 $\pm$ 10.7	392	152	1138	9.22	none
sl 1-11	10900	6.468	539	195	10	-1.3	—	ThO #1
sl 1-12	10200	6.574	549	194	10	0.10	0.01	none
B13.1	1200	6.435	2787.0 $\pm$ 3.3	370	119	54	0.37	none
B14.1	9700	7.214	2363.2 $\pm$ 4.4	539	356	85	0.61	none
B15.1	10900	6.421	2918.4 $\pm$ 11.1	417	292	1629	10.29	none
B16.1	12600	6.532	2847.7 $\pm$ 8.8	372	207	844	6.51	none
sl 1-13	11800	6.375	(8/38) 603	210	11.7	-0.1	—	ThO #1
sl 1-14	12100	6.210	478	222	12.6	1.2	0.09	none
sl 1-1								

PDST 15/2/95

POUB 15/2/95

B12.1 U#1 out

13 samples

B4

204 corr

1-11 ThO #1 out

1-13 ThO #1 out

2r/u 2.10669

uofu 6.26013

Pb\*/u 0.198859

# stds 11

Wall

0.091525

1st dev

2.0413%



Grain. area	U (ppm)	$^{232}\text{Th}/$ $^{238}\text{U}$	$^{204}\text{Pb}$ (ppb)	$f_{206}$ (%)	$^{208}\text{Pb}/$ $^{206}\text{Pb}$	$^{206}\text{Pb}/$ $^{238}\text{U}$	$^{207}\text{Pb}/$ $^{235}\text{U}$	$^{207}\text{Pb}/$ $^{206}\text{Pb}$	Minimum age (Ma)
11.1	126	0.328	0	0.000	0.1165±14	0.369	13.98	0.2745±13	3332±7
9.1	66	0.521	0	0.020	0.1427±16	0.658	24.59	0.2708±13	3311±8
14.1	124	0.586	24	0.652	0.1750±26	0.542	20.19	0.2702±14	3307±8
18.1	116	0.427	0	0.000	0.1117±11	0.663	24.45	0.2673±11	3290±6
7.1	172	0.425	4	0.055	0.1081±10	0.692	25.46	0.2670±8	3288±5
4.1	143	0.656	5	0.091	0.1716±13	0.647	23.68	0.2654±9	3279±6
21.1	54	0.363	0	0.000	0.1007±14	0.652	23.83	0.2652±16	3278±9
6.1	154	0.410	5	0.096	0.1044±16	0.567	20.70	0.2650±13	3277±7
24.1	112	0.356	16	0.417	0.0797±22	0.629	22.97	0.2647±14	3275±9
17.1	115	0.595	2	0.049	0.1557±15	0.656	23.89	0.2641±11	3271±7
2.1	100	0.385	6	0.175	0.0971±16	0.649	23.60	0.2638±12	3270±7
3.1	76	0.518	2	0.065	0.1417±16	0.641	23.32	0.2637±13	3269±8
10.1	134	0.871	39	1.005	0.1315±28	0.542	19.69	0.2635±15	3268±9
13.1	128	0.440	3	0.060	0.1154±14	0.638	23.18	0.2636±11	3268±6
19.1	308	0.862	40	0.492	0.2204±17	0.495	17.97	0.2635±9	3268±6
5.1	155	0.538	6	0.104	0.1362±12	0.672	24.40	0.2634±9	3267±5
23.1	144	0.453	2	0.043	0.1144±12	0.669	24.25	0.2631±10	3265±6
12.1	71	0.437	2	0.071	0.1144±22	0.665	24.10	0.2630±15	3264±9
1.1	112	0.537	1	0.030	0.1403±13	0.657	23.78	0.2626±10	3262±6
8.1	140	0.450	4	0.082	0.1132±12	0.634	22.92	0.2623±10	3261±6
22.1	136	0.421	2	0.039	0.1080±11	0.675	24.41	0.2621±10	3260±6
20.1	186	0.661	182	3.023	0.1901±39	0.587	21.21	0.2619±19	3258±11
15.1	77	0.499	13	0.491	0.1312±24	0.656	23.63	0.2615±15	3256±9
16.1	158	0.600	0	0.006	0.1067±11	0.630	22.61	0.2602±09	3248±6
30.1	143	.935		.1208	.2454±20	.615	22.28	.2628 ± 12	3264±7
31.1	106	.739		.1217	.1361±20	.616	22.33	.2631 14	3266±8
32.1	63	.376		.205	.0942 ± 26	.629	23.14	2667 18	3287±11
33.1	181	.434		.050	.1150±11	.634	23.19	2654 9	3279±5
34.1	134	.672		.229	.1762 ± 19	.618	22.22	2607 12	3251±7

Errors in columns 8/6 and 7/6 quotes as significant figures only.

(1)

Grain. area	U (ppm)	<sup>232</sup> Th/ <sup>238</sup> U	<sup>204</sup> Pb (ppb)	f <sub>206</sub> (%)	<sup>208</sup> Pb/ <sup>206</sup> Pb	<sup>206</sup> Pb/ <sup>238</sup> U	<sup>207</sup> Pb/ <sup>235</sup> U	<sup>207</sup> Pb/ <sup>206</sup> Pb	Minimum age (Ma)
11.1	126	0.328	0	0.000	0.1165±14	0.369	13.98	0.2745±13	3332±7
9.1	66	0.521	0	0.020	0.1427±16	0.658	24.59	0.2708±13	3311±8
14.1	124	0.586	24	0.652	0.1750±26	0.542	20.19	0.2702±14	3307±8
18.1	116	0.427	0	0.000	0.1117±11	0.663	24.45	0.2673±11	3290±6
7.1	172	0.425	4	0.055	0.1081±10	0.692	25.46	0.2670±8	3288±5
4.1	143	0.656	5	0.091	0.1716±13	0.647	23.68	0.2654±9	3279±6
21.1	54	0.363	0	0.000	0.1007±14	0.652	23.83	0.2652±16	3278±9
6.1	154	0.410	5	0.096	0.1044±16	0.567	20.70	0.2650±13	3277±7
24.1	112	0.356	16	0.417	0.0797±22	0.629	22.97	0.2647±14	3275±9
17.1	115	0.595	2	0.049	0.1557±15	0.656	23.89	0.2641±11	3271±7
2.1	100	0.385	6	0.175	0.0971±16	0.649	23.60	0.2638±12	3270±7
3.1	76	0.518	2	0.065	0.1417±16	0.641	23.32	0.2637±13	3269±8
10.1	134	0.871	39	1.005	0.1315±28	0.542	19.69	0.2635±15	3268±9
13.1	128	0.440	3	0.060	0.1154±14	0.638	23.18	0.2636±11	3268±6
19.1	308	0.862	40	0.492	0.2204±17	0.495	17.97	0.2635±9	3268±6
5.1	155	0.538	6	0.104	0.1362±12	0.672	24.40	0.2634±9	3267±5
23.1	144	0.453	2	0.043	0.1144±12	0.669	24.25	0.2631±10	3265±6
12.1	71	0.437	2	0.071	0.1144±22	0.665	24.10	0.2630±15	3264±9
1.1	112	0.537	1	0.030	0.1403±13	0.657	23.78	0.2626±10	3262±6
8.1	140	0.450	4	0.082	0.1132±12	0.634	22.92	0.2623±10	3261±6
22.1	136	0.421	2	0.039	0.1080±11	0.675	24.41	0.2621±10	3260±6
20.1	186	0.661	182	3.023	0.1901±39	0.587	21.21	0.2619±19	3258±11
15.1	77	0.499	13	0.491	0.1312±24	0.656	23.63	0.2615±15	3256±9
16.1	158	0.600	0	0.006	0.1067±11	0.630	22.61	0.2602±09	3248±6

Errors in columns 8/6 and 7/6 quotes as significant figures only.

26 analyses

Spot	196	u0/u	(7/6) <sub>4</sub>	(4/38) <sub>8</sub>	u	Th	204 ppb	f204%	Outliers
sl 3-12	10900	6.16	520	—	220	12.4	2.2	0.18	none
sl 3-13	10100	6.12	573	568	213	12.0	3.3	0.29	none
A30.1	10800	6.29	3236 $\pm$ 6	—	53	50	4.2	0.15	none
A31.1	10200	6.10	3265 $\pm$ 7	—	41	31	3.5	0.16	none
A32.1	11200	5.50	3309 $\pm$ 10	—	30	12	2.5	0.16	none
sl 3-14	10900	6.18	622	538	215	12	1.5	0.13	none
A33.1	10500	6.04	3279 $\pm$ 5	—	71	32	1.4	0.03	none
A34.1	10600	6.26	3295 $\pm$ 6	—	50	34	4.5	0.17	none
sl 3-15	10700	6.10	551	572	202	11.4	1.3	0.11	none