

UWA SHRIMP DATA LOG

Date: 14/9/01 UWA Mount No.: A-49 Whose sample?: Daniela Operator(s): IF + MG

Indicate any change to the following: ¹⁹⁴196 204 bkg 206 207 208 ²⁰⁴238 248 254 270

Precambrian Count time (secs): 2 10 10 10/20* 30/10* 10 5 5 2
Phanerozoic* Delay time (secs): 8 3 1 2 1 1 3 2 2

Steel: Wein volts / nA = for O⁻; = for O₂⁻; = for NO⁻
 dead-time = 32 nanosecs expected resolution = >4200 actual resolution = 4530
 aperture = 30 microns retardation lens = 9997 volts

Expected offsets (amu): 196-204 = 8.170; 204-bkg = 0.045; 204-206 ~ 2.000; 206-207 = 1.000; 206-208 = 2.000
 Actual: 196-204 = 10.168 204-bkg = 0.045 204-206 = 2.000
 206-207 = 1.000 206-208 = 2.000

Primary-epoxy = 0.2 nA Primary-CZ3 = 2.8 nA PESABM-CZ3 = pA
 Raster time (mins): 2 Raster aperture (microns): 40 No. of scans: 6

Comments:

Primary climbing steadily during session follows B-64. site labels 13-1, 12-1, 12-2 are re-used (ie use separate analyses)

Rejection over-ride	Sample/ Std ID	Time - printout	UO/U	196 Kcps	206 cps	UO ppm Kcps	204Pb ppb cps	f206 %	Age ±1σ (Ma) 206/238 207/206	Offsets OK?
	<u>xtc.13-1</u>	<u>20:50</u>	<u>11.9</u>	<u>24.7</u>	<u>12754</u>	<u>27.1</u>	<u>.2</u>		<u>5.62</u> <u>0.178</u>	<input checked="" type="checkbox"/>
	<u>b-1-1</u>	<u>21:16</u>	<u>12.4</u>	<u>24.8</u>	<u>11635</u>	<u>38.0</u>	<u>.1</u>		<u>3.79</u> <u>0.104</u>	<input checked="" type="checkbox"/>
	<u>c-1-1</u>	<u>21:46</u>	<u>12.2</u>	<u>29.3</u>	<u>3593</u>	<u>16.3</u>	<u>.8</u>		<u>2.69</u> <u>0.094</u>	<input checked="" type="checkbox"/>
	<u>d-1-1</u>	<u>22:05</u>	<u>12.9</u>	<u>27.7</u>	<u>6916</u>	<u>29.4</u>	<u>1.8</u>		<u>3.04</u> <u>0.101</u>	<input checked="" type="checkbox"/>
	<u>xtc.12-1</u>	<u>23:06</u>	<u>12.2</u>	<u>24.5</u>	<u>33926</u>	<u>62.7</u>	<u>0.1</u>		<u>6.61</u> <u>0.179</u>	<input checked="" type="checkbox"/>
	<u>f-1-1</u>	<u>23:27</u>	<u>12.7</u>	<u>26.9</u>	<u>5471</u>	<u>22.5</u>	<u>1.0</u>		<u>3.08</u> <u>0.0978</u>	<input checked="" type="checkbox"/>
	<u>h-1-1</u>	<u>23:47</u>	<u>13.3</u>	<u>24.7</u>	<u>20483</u>	<u>58.9</u>	<u>0.3</u>		<u>4.62</u> <u>0.104</u>	<input checked="" type="checkbox"/>
	<u>xtc.13-2</u>	<u>00:11</u>	<u>12.9</u>	<u>24.7</u>	<u>44157</u>	<u>75.9</u>	<u>0.7</u>		<u>7.51</u> <u>0.178</u>	<input checked="" type="checkbox"/>

Rejection over-ride	Sample/Std ID	Time - printout	UO/U	196 Kcps	206 cps	UO ppm	204Pb cps	f ²⁰⁶ %	Age ± 1σ (Ma)	Offsets OK?
									206/238 207/206	
	A-1-1	00:33	12.0	31.2	4312	16.3	0.1		3.18 0.103	✓
	A-2-1	00:54	11.8	29.5	6700	22.9	0.0		3.46 0.103	✓
	A-3-1	01:14	12.8	31.0	2153	8.0	0.2		3.44 0.102	✓
	xtc.12-2	01:35	12.6	28.7	32563	59.7	0.0		6.87 0.178	✓
	B-1-2	01:58	12.0	30.2	10935	38.1	0.3		3.45 0.102	✓
	C-1-2	02:20	11.9	33.3	4578	19.0	1.9		2.86 0.098	✓
	xtc.12-3	02:40	12.2	30.2	25529	48.7	0.1		6.39 0.177	✓
high 204	D-1-2	03:02	11.6	34.7	9943	41.0	3.9		2.81 0.103	✓
	F-1-2	03:22	11.8	33.0	8477	30.6	0.6		3.25 0.102	✓
	H-1-2	03:43	12.6	31.9	15976	56.1	0.5		3.58 0.100	✓
	xtc.2-1	04:03	12.4	30.5	41176	73.7	0.4		6.93 0.177	✓
	A-1-2	04:27	12.7	30.2	12142	41.5	0.3		3.70 0.100	✓
	A-2-2	04:47	11.7	35.5	4147	16.1	0.4		3.00 0.102	✓
	A-2-3	05:07	12.2	37.7	8157	29.7	0.7		3.36 0.103	✓
	xtc.9-1	05:29	12.5	31.4	9402	93.7	0.1		7.06 0.178	✓
	A-3-2	05:50	12.6	35.6	14943	50.1	0.2		3.75 0.099	✓
	A-3-3	06:08	11.8	38.5	7248	27.6	0.5		3.10 0.103	✓
High 204	B-1-3	06:31	11.7	34.9	8099	36.3	2.5		2.61 0.104	✓
	xtc.10-1	06:56	12.5	33.2	37771	72.1	0.2		6.54 0.178	✓
	A-1-3	07:35	11.8	38.6	4285	16.2	0.1		3.13 0.102	✓
	xtc.11-1	07:56	12.8	33.3	56K	99.3	0.0		7.18 0.178	✓

Remove "13-2" from end of name

high 204

High 204