

UWA SHRIMP DATA LOG

Date: 5/10/99 UWA Mount No.: 99-55 Whose sample?: McN Operator(s): McN + AP

Indicate any change to the following: 196 204 bkg 206 207 208 238 248 254 270

Precambrian Count time (secs): 2 10 10 10/20³ 30/10³ 10 5 5 2
Phanerozoic* Delay time (secs): 8 3 1 2 1 1 3 2 2

Steel: Wein volts / nA = 34V/5.5 for O⁻; = 42V/3.3 for O₂⁻; = 66V/17.0 for NO⁻

dead-time = 32 nanosecs expected resolution = >4200 actual resolution = 4980

aperture = 100 microns retardation lens = 0 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 = 8.170 204-bkg = 0.045 204-206 = 2.000

206-207 = 1.000 206-208 = 2.000

Primary-epoxy = 3.0 nA Primary-CZ3 = 4.1 nA PESABM-CZ3 = 44 pA

Raster time (mins): 1 Raster aperture (microns): 120 No. of scans: 6

Comments: A = SDD 303

Photos 11 & 12 missing.

Rejection over-ride	Sample/ Std ID	Time - printout	UO/U	196 Kcps	206 cps	U ppm	204Pb ppb	f ₂₀₆ %	Age ±1σ (Ma) 206/238	207/206	Offsets OK?
	<u>Sl. 8-1</u>	<u>10:47</u>	<u>6.81</u>	<u>15.8</u>	<u>2131</u>	<u>220</u>	<u>0.9</u>	<u>-08</u>	<u>572±1</u>	<u>555±16</u>	<u>✓</u>
	<u>Sl. 8-2</u>	<u>11:08</u>	<u>6.85</u>	<u>15.9</u>	<u>2119</u>	<u>218</u>	<u>-0.1</u>	<u>/</u>	<u>559±1</u>	<u>534±16</u>	<u>✓</u>
	<u>A. 4-1</u>	<u>11:26</u>	<u>6.85</u>	<u>15.8</u>	<u>5.8K</u>	<u>109</u>	<u>1.4</u>	<u>.04</u>	<u>2627±7</u>	<u>2664±5</u>	<u>✓</u>
	<u>A. 4-2</u>	<u>11:44</u>	<u>6.80</u>	<u>17.1</u>	<u>5.9K</u>	<u>105</u>	<u>0.7</u>	<u>.02</u>	<u>2579±6</u>	<u>2665±5</u>	<u>✓</u>
	<u>Sl. 8-3</u>	<u>12:01</u>	<u>6.77</u>	<u>16.4</u>	<u>2140</u>	<u>219</u>	<u>-0.1</u>	<u>/</u>	<u>565±1</u>	<u>577±16</u>	<u>✓</u>
	<u>A. 5-1</u>	<u>12:19</u>	<u>7.09</u>	<u>15.6</u>	<u>9.5K</u>	<u>162</u>	<u>2.6</u>	<u>-04</u>	<u>2639±5</u>	<u>2664±4</u>	<u>✓</u>
	<u>A. 8-1</u>	<u>12:38</u>	<u>7.31</u>	<u>15.8</u>	<u>7.5K</u>	<u>133</u>	<u>12.3</u>	<u>.29</u>	<u>2352±5</u>	<u>2577±5</u>	<u>✓</u>
	<u>A. 9-1</u>	<u>12:56</u>	<u>7.72</u>	<u>14.6</u>	<u>10.5K</u>	<u>157</u>	<u>13.0</u>	<u>-24</u>	<u>2536±5</u>	<u>2443±5</u>	<u>✓</u>

Rejection over-ride	Sample/ Std ID	Time - printout	UO/U Kcps	196 cps	206 cps	U ppm	204Pb ppb	f206 %	Age ±1σ (Ma) 206/238	207/206	Offsets OK?
	<i>1st ThO</i> S1.8-4	13:13	6.64	16.8	2110	220	-0.5	/	573 ± 1	571 ± 16	✓
	A.9-2	13:30	6.83	16.4	8.9K	165	9.3	.16	2579 ± 5	2662 ± 4	✓
	A.11-1	13:48	6.69	15.8	6.2K	124	1.5	.03	2649 ± 7	2683 ± 5	✓
	A.12-1	14:06	7.30	14.4	4.3K	72.2	3.2	.12	2661 ± 8	2654 ± 6	✓
	<i>S1.8-5</i>	14:23	6.90	16.1	2146	212	ve	-	566 ± 1	586 ± 16	✓
	A.14-1	14:41	7.16	15.5	10.8K	182	8.7	.13	2606 ± 5	2623 ± 4	✓
	A.19-1	15:02	6.89	16.7	3648	64	0.2	.01	2593 ± 8	2684 ± 7	✓
	A.20-1	15:20	7.29	15.0	9433	159	12.6	.22	2568 ± 5	2578 ± 4	✓
	<i>S1.8-6</i>	15:38	6.93	15.9	2162	210	0.7	.06	571 ± 1	566 ± 24	✓
	A.21-1	15:57	7.43	15.7	8671	139	15.0	.32	2474 ± 5	2507 ± 5	✓
	A.22-1	16:15	7.01	15.7	4513	82	1.8 18.7	.06	2559 ± 7	2670 ± 6	✓
	A.23-1	16:32	7.18	15.5	4287	76	3.2	.13	2480 ± 7	2596 ± 6	✓
	A.24-1	16:50	7.58	15.1	8726	143	9.6	.21	2392 ± 5	2623 ± 5	✓
	<i>S1.8-1</i>	17:20	6.92	15.6	2092	212	0.1	.01	561 ± 1	587 ± 23	✓
	A.25-1	17:37	6.87	15.7	6722	126	2.8	.06	2617 ± 6	2668 ± 5	✓
	<i>1st scan</i> A.26-1	17:54	6.61	15.7	3234	66	1.8	.08	2694 ± 9	2588 ± 7	✓
	A.27-1	18:12	6.93	16.0	5035	93	13.3	.40	2549 ± 7	2686 ± 6	✓
	A.28-1	18:29	6.97	15.4	5254	99	1.8	.05	2547 ± 7	2668 ± 5	✓
	<i>S1.6-1</i>	18:47	7.01	15.4	2152	212	ve	.02	564 ± 1	568 ± 17	✓
	A.16-1	19:04	7.01	15.6	6943	123	1.3	.03	2636 ± 6	2653 ± 5	✓
	A.29-1	19:21	6.94	15.5	5644	104	2.2	.06	2613 ± 7	2681 ± 5	✓
	A.30-1	19:38	7.01	15.6	5403	99	7.3	.21	2554 ± 7	2656 ± 6	✓
	A.18-1	20:03	7.00	15.6	5993	107	0.1	.003	2628 ± 7	2674 ± 5	✓
	<i>S1.6-2</i>	20:20	6.97	15.5	2137	213	0.5	.04	564 ± 1	527 ± 20	✓

i⁰ = 4.0A