

9370 5604

### UWA SHRIMP DATA LOG

Date: 9/2/00 UWA Mount No.: 97-07 Whose sample?: AGM Operator(s): McN

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

**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 = 56V/15.0 for O<sup>-</sup>; = 34V/2.7 for O<sub>2</sub><sup>-</sup>; = 24V/6.5 for NO<sup>-</sup>

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

aperture = ? 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 = 8.168 204-bkg = 0.045 204-206 = 1.997  
 206-207 = 1.000 206-208 = 1.999

Primary-epoxy = 2.5 nA Primary-CZ3 = 3.4 nA PESABM-CZ3 = 40 pA

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

Comments: 97-07B = CHD-319 → #1 → plucked out!  
#8  
#11  
#13

Rejection	Sample/	Time -	UO/U	196	206	U	<sup>204</sup> Pb	f <sub>206</sub>	Age ±1σ (Ma)	Offsets
<u>over-ride</u>	Std ID	printout		Kcps	cps	ppm	ppb	%	206/238 207/206	OK?

<u>Low 206 cts??</u>	<u>Odd!!</u>										
<u>OMIT? →</u>	<u>last scan</u>	<u>51.6-1</u>	<u>10:55</u>	<u>5.32</u>	<u>8.5</u>	<u>420</u>	<u>220</u>	<u>1.1</u>	<u>.10</u>	<u>572 ± 1 403 ± 70</u>	<u>✓</u>
		<u>51.6-2</u>	<u>11:13</u>	<u>7.67</u>	<u>12.7</u>	<u>977</u>	<u>103</u>	<u>0.6</u>	<u>.10</u>	<u>593 ± 1 499 ± 37</u>	<u>✓</u>
		<del>51.6-3</del>									
		<u>51.6-3</u>	<u>11:30</u>	<u>7.65</u>	<u>12.8</u>	<u>999</u>	<u>106</u>	<u>0.1</u>	<u>.02</u>	<u>595 ± 1 537 ± 28</u>	<u>✓</u>
	<u>last scan</u>	<u>B.13-2</u>	<u>11:49</u>	<u>8.02</u>	<u>12.6</u>	<u>3.7K</u>	<u>60</u>	<u>0.4</u>	<u>.02</u>	<u>2871 ± 8 2742 ± 6</u>	<u>✓</u>
	<u>*</u>	<u>B.13-3</u>	<u>12:07</u>	<u>7.11</u>	<u>12.0</u>	<u>1182</u>	<u>28</u>	<u>-0.1</u>	<u>/</u>	<u>2893 ± 14 2762 ± 10</u>	<u>✓</u>
		<u>51.6-4</u>	<u>12:24</u>	<u>7.73</u>	<u>11.9</u>	<u>964</u>	<u>105</u>	<u>0.1</u>	<u>.02</u>	<u>603 ± 1 655 ± ?</u>	<u>✓</u>
		<u>B.11-2</u>	<u>12:44</u>	<u>7.90</u>	<u>12.4</u>	<u>3.8K</u>	<u>65</u>	<u>1.2</u>	<u>.05</u>	<u>2873 ± 8 2770 ± 6</u>	<u>✓</u>

\* plucked next to 13-2!!

Mount/sample No: ~~94~~ 7-07

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Rejection over-ride    Sample/ Std ID    Time - printout    UO/U    196 Kcps    206 cps    U ppm    204Pb ppb    f206 %    Age ±1σ (Ma) 206/238    207/206    Offsets OK?

1st scan	B.8-3												
	<del>B.8-3</del>	13:02	8.43	11.7	13.6K	234	3.3	.04	2621±4	2655±3	✓		
	B.8-4	13:19	7.45	12.5	4.5K	92	0.3	-.01	2815±7	2790±5	✓		
	s1.6-5	13:37	7.80	11.7	950	103	0.3	-.05	602±1	545±31	✓		

GO TO 96-73