

UWA SHRIMP DATA LOG

Date 7/6/00 UWA Mount No. 99-73 Whose sample? BK Operator(s) MG.

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 = 73V/11.0 for O⁻; = 48V/2.1 for O₂⁻; = 38V/3.0 for NO⁻

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

aperture = microns retardation lens = 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 = 8.165 204-bkg = 0.045 204-206 = 1.998

206-207 = 1.000 206-208 = 2.000

Primary-epoxy = 2.0 nA Primary-CZ3= nA PESABM-CZ3 = pA

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

Comments:

Rejection over-ride	Sample/ Std ID	Time - printout	UO/U	196 Kcps	206 cps	U ppm	204Pb ppb	f ₂₀₆ %	Age ±1σ (Ma)		Offsets OK?
									206/238	207/206	
	<u>CZ.3-6</u>	<u>01:13</u>	<u>6.31</u>	<u>14.9</u>	<u>1303</u>	<u>220</u>	<u>0.6</u>	<u>.05</u>	<u>572 ±1</u>	<u>512 ±27</u>	<u>✓</u>
	<u>CZ.3-7</u>	<u>01:32</u>	<u>6.73</u>	<u>14.2</u>	<u>1327</u>	<u>196</u>	<u>1.6</u>	<u>.16</u>	<u>563 ±1</u>	<u>541 ±38</u>	<u>✓</u>
	<u>B.20-2</u>	<u>01:53</u>	<u>6.27</u>	<u>16.3</u>	<u>7548</u>	<u>224</u>	<u>6.9</u>	<u>.08</u>	<u>2588 ±5</u>	<u>2764 ±4</u>	<u>✓</u>
	<u>CZ.3-8</u>	<u>02:13</u>	<u>6.56</u>	<u>14.7</u>	<u>1340</u>	<u>204</u>	<u>1.3</u>	<u>.12</u>	<u>572 ±1</u>	<u>568 ±27</u>	<u>✓</u>
	<u>B.21-1</u>	<u>02:33</u>	<u>6.35</u>	<u>14.7</u>	<u>7137</u>	<u>194</u>	<u>40.4</u>	<u>.48</u>	<u>2909 ±6</u>	<u>2869 ±5</u>	<u>✓</u>
	<u>B.22-1</u>	<u>02:52</u>	<u>6.32</u>	<u>15.1</u>	<u>4666</u>	<u>117</u>	<u>4.3</u>	<u>.08</u>	<u>3677 ±8</u>	<u>3644 ±5</u>	<u>✓</u>
	<u>CZ.2-3</u>	<u>03:12</u>	<u>6.39</u>	<u>15.2</u>	<u>1321</u>	<u>212</u>	<u>-ve</u>	<u>-</u>	<u>569 ±1</u>	<u>559 ±20</u>	<u>✓</u>
	<u>B.23-1</u>	<u>03:38</u>	<u>6.70</u>	<u>14.8</u>	<u>6719</u>	<u>154</u>	<u>17.9</u>	<u>.27</u>	<u>2907 ±6</u>	<u>2899 ±5</u>	<u>✓</u>

Scans
207 ~~repp~~ (?)

