

UWA SHRIMP DATA LOG

Date: *16/6/00* UWA Mount No.: *A-23* Whose sample?: *Binger* Operator(s): *IF*

Indicate any change to the following: ¹⁴⁶196 204 bkg 206 207 208 238 248 254 270

Precambrian Count time (secs): ~~2~~ ⁷2 10 10/20* 30/10* 10 ~~3~~ ³3 ~~2~~ ²2 2-

Phanerozoic* Delay time (secs): 8 1 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 = *5336*

aperture = *70* microns retardation lens = *10014* 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 = *1.998*

206-207 = *1.000* 206-208 = *2.000*

Primary-epoxy = nA Primary-~~23~~^{xt} = *0.8* nA PESABM-CZ3 = pA

Raster time (mins): *2* Raster aperture (microns): *100* No. of scans: *7*

Comments: *Data on floppy disk A-18 (and in IRF archive)*

Rejection over-ride	Sample/ Std ID	Time - printout	UO/U	¹⁴⁶ 196 Kcps	206 kcps	U ppm	204Pb ppb	f ₂₀₆ %	Age ±1σ (Ma)		Offsets OK?
									206/238	207/206	
	<i>xt. 20-1</i>	<i>12:09</i>	<i>10.53</i>	<i>67.63</i>	<i>108.14</i>	<i>220</i>	<i>0.1</i> 2.0 <i>0.4</i>	<i>0.01</i>	<i>572</i>	<i>2617.3</i>	<i>-</i>
	<i>A-23.xtAa</i>	<i>13:01</i>	<i>8.37</i>	<i>57.4</i>	<i>10.0</i>	<i>95.6</i>	<i>0.7</i> 2.7	<i>0.04</i>	<i>231</i> 1811.7	<i>1812</i>	<i>-</i>
	<i>A-23.xtA1b</i>	<i>13:20</i>	<i>7.11</i>	<i>55.4</i>	<i>9.76</i>	<i>162.1</i>	<i>2.0</i> 7.5	<i>0.04</i>	<i>228</i>	<i>1800</i>	<i>-</i>
	<i>A-23.xtA1c</i>	<i>13:41</i>	<i>7.44</i>	<i>55.1</i>	<i>9.99</i>	<i>161.4</i>	<i>0.9</i>	<i>0.03</i>	<i>205</i>	<i>1834</i>	<i>-</i>
	<i>A-23.xtA1d</i>	<i>13:58</i>	<i>7.62</i>	<i>58.8</i>	<i>10.34</i>	<i>121.8</i>	<i>0.4</i>	<i>0.02</i>	<i>241</i>	<i>1826</i>	<i>-</i>
	<i>xt. 20-2</i>	<i>14:24</i>	<i>9.55</i>	<i>58.4</i>	<i>139.</i>	<i>384</i>	<i>0</i>	<i>0</i>	<i>583</i>	<i>2613</i>	<i>-</i>
	<i>A-23.xtA2e</i>	<i>15:00</i>	<i>8.87</i>	<i>47.0</i>	<i>6.1</i>	<i>49.</i>	<i>0</i>	<i>.03</i>	<i>312</i>	<i>1825</i>	<i>-</i>
	<i>A-23.xtA2b</i>	<i>15:19</i>	<i>7.80</i>	<i>47.7</i>	<i>5.3</i>	<i>57.4</i>	<i>0.1</i>	<i>0.03</i>	<i>298</i>	<i>1842</i>	<i>-</i>

