

UWA SHRIMP DATA LOG

Date: 6/9/04 UWA Mount No.: C58 Whose sample?: MB Operator(s): MS

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 = for O⁻; = for O₂⁻; = for NO⁻

dead-time = 24 nanosecs expected resolution = >4200 actual resolution = 5332

aperture = 30 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 = 8.1665 204-bkg = 0.04064 204-206 = -2.01

206-207 = -1.004 206-208 = -1.008

Primary-epoxy = nA Primary-CZ3 = 0.57 nA PESABM-CZ3 = 17 pA

Raster time (mins): 2 Raster aperture (microns): 90 No. of scans: 7

Comments:

Rejection over-ride	Sample/ Std ID	Time - printout	UO/U	196 Kcps	206 cps	U ppm	²⁰⁴ Pb ppb	f ₂₀₆ %	Age ±1σ (Ma) 206/238	207/206	Offsets OK?
	<u>C23.1-1</u>	<u>11:10</u>	<u>6.39</u>	<u>5.87</u>	<u>6596</u>	<u>550</u>	<u>6.7</u>	<u>0.25</u>	<u>563 ± 12</u>	<u>548 ± 19</u>	<u>✓</u>
	<u>C27.1-2</u>	<u>11:33</u>	<u>6.49</u>	<u>5.70</u>	<u>6321</u>	<u>552</u>	<u>1.2</u>	<u>0.04</u>	<u>576 ± 12</u>	<u>582 ± 55</u>	<u>✓</u>
	<u>JH60.4-1</u>	<u>12:00</u>	<u>6.39</u>	<u>5.78</u>	<u>4423</u>	<u>68</u>	<u>0</u>	<u>-</u>	<u>2890 ± 83</u>	<u>2801 ± 20</u>	<u>✓</u>
	<u>JH60.6-1</u>	<u>12:30</u>	<u>5.97</u>	<u>5.30</u>	<u>1382</u>	<u>26</u>	<u>10.6</u>	<u>1.41</u>	<u>2720 ± 124</u>	<u>2720 ± 101</u>	<u>✓</u>
	<u>JH60.7-1</u>	<u>12:53</u>	<u>6.79</u>	<u>5.53</u>	<u>5283</u>	<u>76</u>	<u>78</u>	<u>3.61</u>	<u>2671 ± 81</u>	<u>2940 ± 65</u>	<u>✓</u>
	<u>C25.1-3</u>	<u>13:18</u>	<u>6.31</u>	<u>5.72</u>	<u>6342</u>	<u>565</u>	<u>8.7</u>	<u>0.30</u>	<u>586 ± 9</u>	<u>483 ± 86</u>	<u>✓</u>
	<u>JH60.11-1</u>	<u>13:44</u>	<u>6.10</u>	<u>6.31</u>	<u>4898</u>	<u>86.3</u>	<u>24</u>	<u>1.06</u>	<u>2578 ± 67</u>	<u>2771 ± 39</u>	<u>✓</u>
	<u>JH60.12-1</u>	<u>14:08</u>	<u>6.23</u>	<u>5.65</u>	<u>1140</u>	<u>21.4</u>	<u>9.5</u>	<u>1.57</u>	<u>2707 ± 45</u>	<u>2630 ± 81</u>	<u>✓</u>

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?
	JH60.13-1	14:30	6.03	5.84	3994	67	2.7	0.14	2755±78	2776±44	✓
	JH60.14-1	14:54	5.83	6.26	5486	97	8.2	0.31	2675±78	2675±27	✓
	JH60.16-1	15:25	5.83	6.34	3928	68	0	-	2681±72	2727±21	✓
	CE3.1-4	15:48	6.44	6.0	6170	529	9.9	0.38	560±8	440±81	✓
	JH60.19-1	16:11	6.26	5.90	2367	37	7.8	0.72	2825±116	2730±60	✓
	JH60.21-1	16:43	6.61	5.65	5385	110	16	0.68	2129±68	2728±43	✓
	CE3.1-5	17:11	6.37	5.98	6101	542	17	0.656	558±7	375±110	✓
	JH60.22-1	17:34	6.34	5.64	9375	146	5.3	0.12	2863±23	2779±20	✓
	JH60.25-1	18:20	6.16	5.33	5086	108	0	-	2547±57	2697±19	✓
	CE3.1-6	18:42	6.51	5.57	5817	552	6.4	0.24	559±9	468±81	✓
	JH60.5-1	19:07	6.37	5.31	2641	46	0	-	2690±92	2689±27	✓
	JH60.1-1	19:34	6.65	5.38	4487	69	4.8	0.23	2885±96	2907±32	✓
	CE3.1-7	19:55	6.45	5.49	5950	538	1.9	0.07	574±15	501±100	✓
	JH60.4-2	20:18	6.41	5.49	4031	67	5.3	0.27	2807±110	2755±35	✓
	CE3.1-8	20:40	6.42	5.42	5516	549	14.1	0.52	559±8	384±111	✓
	JH60.25-2	21:03	6.00	5.43	3963	80	0	-	2644±66	2692±25	✓
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