

UWA SHRIMP DATA LOG

Date: 05/04/01 UWA Mount No.: B-14 Whose sample?: Sandeep Operator(s): Stu + SS.

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 = 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 = 8.170 204-bkg = 0.045 204-206 =

206-207 = 1.0 206-208 = 2.0

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

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

Comments:

Actual, 2.28 slope
 n = 11 % = 1.21

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	Age ±1σ (Ma) 207/206	Offsets OK?
	<u>CZ2-1</u>	<u>16:17</u>	<u>7.55</u>	<u>6900</u>	<u>900</u>	<u>238</u>	<u>0.7</u>	<u>0.06</u>	<u>572</u>	<u>406</u>	<u>—</u>
	<u>CZ2-2</u>	<u>16:37</u>	<u>7.69</u>	<u>9000</u>	<u>1200</u>	<u>240</u>	<u>1.9</u>	<u>0.16</u>	<u>556</u>	<u>534</u>	<u>✓</u>
	<u>A3-1</u>	<u>16:56</u>	<u>7.42</u>	<u>9400</u>	<u>42</u>	<u>104</u>	<u>0.8</u>	<u>0.44</u>	<u>48.28</u>	<u>181.49</u>	<u>✓</u>
	<u>A4-1</u>	<u>17:17</u>	<u>7.29</u>	<u>10000</u>	<u>31</u>	<u>74</u>	<u>2.3</u>	<u>0.85</u>	<u>48.59</u>	<u>352.36</u>	<u>✓</u>
	<u>A4-2</u>	<u>17:32</u>	<u>6.51</u>	<u>9800</u>	<u>36</u>	<u>107</u>	<u>1.4</u>	<u>-0.64</u>	<u>45.91</u>	<u>20.34</u>	<u>✓</u>
	<u>A5-1</u>	<u>17:49</u>	<u>7.47</u>	<u>9900</u>	<u>24</u>	<u>54</u>	<u>-0.8</u>	<u>-0.39</u>	<u>50.39</u>	<u>37.16</u>	<u>✓</u>
	<u>CZ2-3</u>	<u>18:05</u>	<u>6.89</u>	<u>10000</u>	<u>1100</u>	<u>234</u>	<u>0.9</u>	<u>0.08</u>	<u>547</u>	<u>581</u>	<u>✓</u>
<u>Reject</u>	<u>A2-1</u>	<u>18:27</u>	<u>7.39</u>	<u>9600</u>	<u>58</u>	<u>92</u>	<u>-0.5</u>				

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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?
	A2-1 CZ3-1	19:36	7.15	9900	1100	240	0.3	0.02	545	552	✓
	A2-1	19:54	6.95	9300	28	74	0.7	0.21	50.80	264.14	← ?
	A1-1										No Cw
	CZ3-2	20:28	7.16	9900	1100	241	1.1	0.09	541	442	✓
	C1-1	20:49	7.05	8000	30	64	-0.1	-0.56	69.80	49.27	—
	C2-1	21:07	7.73	8100	210	354	0.8	-1.03	77.07	499.05	✓
	C3-1	21:24	7.42	9500	150	301	3.0	8.48	55.00	0	✓
	C4-1	21:42	6.97	9700	74	133	1.7	0.83	69.53	0	✓
	CZ3-3	21:59	7.16	9600	1100	243	0.7	0.06	542	600	✓
	C5-1	22:16	6.93	9200	110	206	3.0	1.44	73.17	107.03	✓
	C6-1	22:32	6.20	10000	92	182	0.2	0.04	68.97	93.66	✓
	C7-1	22:50	7.22	8900	160	273	0.8	0.58	75.19	319.06	✓
	C8-1	23:06	7.03	9200	21	39	0.9	5.49	67.05	0	✓
	CZ1-1	23:24	7.39	9400	1100	235	1.3	0.11	546	560	✓
	C9-1	23:41	6.49	10000	290	525	-0.4	0.53	70.06	0	✓
	C10-1	23:58	6.02	9600	230	537	0.4	-1.02	66.44	0	✓
	C11-1	00:14	6.12	10000	260	573	1.3	0.75	64.86	0	✓
Rin	C12-1	00:36	7.13	7500	270	574	0.2	-1.74	75.44	759.71	✓
Core	C12-2	00:53	6.17	8400	79	184	-0.9	-0.19	73.63	54.29	✓
	CZ1-2	1:10	6.89	9600	1000	231	1.3	0.12	539	572	✓
	C13-1	1:29	6.43	7300	130	320	0.3	-0.31	74.17	161.35	✓
	C14-1	1:46	7.37	6900	94	210	1.3	1.35	72.77	58.91	✓
	C15-1	2:05	7.43	7700	260	505	0.3	-2.05	76.54	910.7	✓
	C16-1 C20-1	2:23	8.20	6500	520	1134	0.7	0.16	68.87	6.86	✓
	C16-1 C20-2	2:39	7.33	8200	1000	91	0.3	0.02	1372	1451	✓

Reject
last analysis of
206, 207, 100

