

UWA SHRIMP DATA LOG

Date: 5/9/99 UWA Mount No.: 99-50 Whose sample?: JD/RE Operator(s): JD/AP

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

^{D23} Steel: Wein volts / nA = 20 for O⁻; = 4.1 for O₂⁻; = 5.7 for NO⁻

dead-time = 32 nanosecs expected resolution = >4200 actual resolution = 4875

aperture = 100 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 = 8.175 204-bkg = 0.045 204-206 = 2.000

206-207 = 1.000 206-208 = 2.000

Primary-epoxy = 3.1 nA Primary-CZ3 = 4.1 nA PESABM-CZ3 = 25/4.1 pA

Raster time (mins): 2 Raster aperture (microns): 120 No. of scans: 6

Comments: A = ORC-6-21 B = SKarn #57 (~ 600 Vm) Grains are very small + spot just fits or sometimes may be just bigger

Continued with:
Mount 99-34

Rejection over-ride	Sample/ Std ID	Time - printout	UO/U	196 Kcps	206 cps	U ppm	204Pb ppb	f ₂₀₆ %	Age ±1σ (Ma) 206/238 207/206	Offsets OK?
	<u>sl. 4-1</u>	<u>11:52</u>	<u>7.57</u>	<u>8.7</u>	<u>1272</u>	<u>220</u>	<u>0.1</u>	<u>.01</u>	<u>572 ± 1</u> <u>668 ± 33</u>	
	<u>sl. 4-2</u>	<u>12:10</u>	<u>7.92</u>	<u>8.1</u>	<u>1232</u>	<u>203</u>	<u>0.5</u>	<u>.05</u>	<u>571 ± 2</u> <u>560 ± 42</u>	<u>✓</u>
	<u>B. 20-1</u>	<u>12:30</u>	<u>7.54</u>	<u>8.4</u>	<u>7649</u>	<u>329</u>	<u>4.1</u>	<u>.05</u>	<u>218 ± 5</u> <u>2131 ± 8</u>	<u>✓</u>
	<u>B. 23-1</u>	<u>12:49</u>	<u>8.56</u>	<u>6.6</u>	<u>736</u>	<u>82</u>	<u>3.4</u>	<u>.51</u>	<u>820 ± 4</u> <u>788 ± 60</u>	<u>✓</u>
	<u>B. 22-1</u>	<u>13:08</u>	<u>7.49</u>	<u>8.1</u>	<u>3358</u>	<u>320</u>	<u>1.7</u>	<u>.05</u>	<u>1103 ± 3</u> <u>1102 ± 18</u>	<u>✓</u>
	<u>sl. 4-3</u>	<u>13:27</u>	<u>7.53</u>	<u>8.8</u>	<u>1191</u>	<u>206</u>	<u>1.7</u>	<u>.16</u>	<u>569 ± 2</u> <u>468 ± 44</u>	<u>✓</u>
<u>core-rim?</u>	<u>B. 25-1</u>	<u>13:47</u>	<u>7.50</u>	<u>8.6</u>	<u>1755</u>	<u>182</u>	<u>2.9</u>	<u>.17</u>	<u>963 ± 3</u> <u>932 ± 29</u>	<u>✓</u>
	<u>B. 34-1</u>	<u>14:12</u>	<u>7.60</u>	<u>8.7</u>	<u>4169</u>	<u>383</u>	<u>2.8</u>	<u>.07</u>	<u>1022 ± 2</u> <u>1263 ± 15</u>	<u>✓</u>

Mount/sample No: 99-50

Date: 5/9/99

Page No: 2

Rejection over-ride	Sample/ Std ID	Time - printout	UO/U	196 Kcps	206 cps	U ppm	204Pb ppb	f206 %	Age $\pm 1\sigma$ (Ma)		Offsets OK?
									206/238	207/206	
	B.26-1	14:31	7.11	8.3	2087	250	5.3	.21	998 ± 3	942 ± 28	✓
	sl. 4-4	14:49	7.38	8.7	1231	225	-ve	-.11	575 ± 1	563 ± 35	✓
	B.27-1	15:08	7.45	7.4	748	91	2.5	-.29	970 ± 5	821 ± 51	✓
	B.35-1	15:26	7.58	8.9	2977	224	1.7	-.06	1205 ± 3	1285 ± 18	✓
	B.30-1	15:50	7.81	7.6	1175	117	2.2	-.19	1008 ± 4	981 ± 36	✓
	sl. 4-5	16:08	7.67	8.6	1279	217	4.9	.43	570 ± 1	576 ± 35	✓
	B.29-1	16:24	7.62	8.2	2119	176	2.4	-.11	1183 ± 4	1192 ± 23	✓
	B.32-1	16:45	7.73	8.6	1201	111	1.5	-.14	991 ± 4	941 ± 33	✓
	B.38-1	17:05	7.28	8.5	525	102	4.9	.90	577 ± 3	455 ± 102	✓
	sl. 4-6	17:24	7.35	9.0	1176	215	2.0	.06	569 ± 1	570 ± 36	✓
	B.39-1	17:43	7.97	6.7	2429	366	6.7	.26	732 ± 2	707 ± 29	✓
	B.40-1	18:09	7.63	8.2	10.6K	665	8.2	.07	1512 ± 2	2126 ± 7	✓
	B.41-1	18:28	8.01	8.09	2354	192	-ve	.35	1073 ± 3	1012 ± 25	✓
	sl. 3-1	18:49	7.61	8.6	1247	217	0.2	.11	566 ± 1	623 ± 34	✓
	A. 2-1	19:08	7.93	8.1	4867	949	9.1	.22	479 ± 1	581 ± 21	✓
	A. 3-1	19:25	6.95	8.7	2156	437	16.6	.66	614 ± 1	557 ± 42	✓
	A. 4-1	19:43	7.71	8.4	2443	393	3.5	.16	608 ± 1	538 ± 29	✓
	sl. 3-2	20:02	7.19	9.0	1208	229	-ve	.06	582 ± 1	595 ± 35	✓
	A. 20-1	20:23	7.52	8.8	2427	396	10.6	.47	604 ± 1	567 ± 35	✓
	A. 7-1	20:41	7.42	8.6	2866	499	9.5	.33	605 ± 1	612 ± 25	✓
	A. 8-1	21:00	7.57	8.5	2566	417	2.2	.09	619 ± 1	659 ± 25	✓
	sl. 5-1	21:17	7.36	8.9	1240	223	1.5	.13	581 ± 1	551 ± 40	✓
	A. 9-1	21:34	7.37	8.9	3143	518	7.1	.24	625 ± 1	578 ± 26	✓
	A. 17-1	21:51	7.71	8.8	3691	555	3.1	.10	613 ± 1	594 ± 23	✓
	A. 18-1	22:09	7.28	8.5	4032	733	6.7	.16	614 ± 1	637 ± 22	✓

B

A

