

UWA SHRIMP DATA LOG

Date: 4/8/00 UWA Mount No.: A-27 Whose sample?: Sandeep Operator(s): IF+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

epoxy, not fixed up

Steel: Wein volts / nA = 66/11 for O⁻; = 44/2.2 for O₂⁻; = 34/8.4 for NO⁻

dead-time = 32 nanosecs expected resolution = >4200 actual resolution = 4774

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 = 8.169 204-bkg = 0.045 204-206 = 1.999

206-207 = 1.000 206-208 = 2.000

Primary-epoxy = 2.7 nA Primary-CZ3 = 3.2 nA PESABM-CZ3 = 47 pA

Raster time (mins): 2 Raster aperture (microns): 100 No. of scans: 6

Comments: Sensitivity = 20.

$A = 11$
 $err = 2.31\%$

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?
	C72-1	11:59	6.57	19.3	2336	-	0.1	0	572 ⁺¹⁵	584	✓
	C72-2	12:23	6.30	20.0	2135	228	0.7	.06	554.2 ⁽¹⁵⁾	573.2	✓
	A 1.1	12:52	6.33	20.3	4267	121.5	0.5	.02	1821.7	1864.1	✓
	A 3.1	13:17	6.59	19.9	4634	143	1.6	.06	1544.3	1860.6	✓
	A 1.2	13:42	6.44	19.1	7678	240.6	1.8	.04	1604.7	1851.8	✓
	A 3.2										
	C72.3										
	B 3.1										

half epoxy for overgrowth

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?
	B1.1					149.5	1.3	.11	851.1	832.9	
	B1.2					251.6	3.2		826.3	808.2	
	B.2.1					246.9	0.4	.02	824.1	783.1	
	C72.4					235.3	0.7	.05	586.6	595.9	
	C8.1					426.0	27.1	.30	1814.7	1881.6	
	C7.1	17:31	6.66	18.2	34110	948.0	7.7	.03	1783.7	1860.7	✓
	C7.2	17:55	6.44	18.2	57698	1874.5	-3.2	.00	1700.1	1854.5	✓
238/1	C4.1	18:20	6.12	18.5	2975	103.6	2.3	.11	1816.9	1853.3	✓
	C72.5	18:42	6.33	18.6	2189	230.1	0.1	.00	591.8	552.1	✓
	A33.1	19:06	6.18	23.6	11347	815.9	12.5	.19	724.6	1715.1	✓
	A33.2	19:23	6.52	17.6	9342	1010.5	113.7	1.92	548.8	1715.9	✓
	A45.1	19:52	6.03	20.5	7609	365.3	1.9	.03	1302.9	1833.0	✓
	A44.1	20:13	6.68	18.5	2360	66.7	0.8	.06	1764.8	1831.6	✓
	C72.6	20:34	6.61	18.5	2318	217.9	0.4	.03	584.1	533.0	✓
	A44.2	20:56	6.20	19.8	3092	59.3	1.0	.04	2742.5	3036.6	✓
	A58.1	21:29	5.88	24.1	10182	1046.4	11.0	.17	595.3	1694.6	✓
	A64.1	21:50	6.42	19.2	5746	182.0	1.8	.05	1669.5	1867.3	✓
	A60.1	22:11	6.23	20.8	5171	156.3	0.7	.02	1767.4	1865.1	✓
	C72.7	22:34	6.35	19.4	2177	228.0	0.0	.00	567.5	547.7	✓
	A60.2	22:55	6.42	19.7	4689	142.8	0.0	.00	1696.5	1860.7	✓
	A61.1	23:16	6.18	20.0	5120	168.8	2.8	.08	1749.4	1858.5	✓
	A62.1	23:36	6.23	19.7	4026	123.8	0.0	.00	1818.9	1875.1	✓
	A65.1	00:00	6.38	19.4	7006	289.8	1.7	.04	1775.8	1865.5	✓
	C72.8	1:30	6.25	19.2	2152	220.0	1.3	.0	572.1	593.8	✓
	C73.1	1:51	6.43	18.9	2123	209.9	0.6	.05	551.5	590.1	✓

Error occurred
 IP came & fixed up the things

