

Follow on from 99-50

UWA SHRIMP DATA LOG

Date: 6/9/99 UWA Mount No.: 99-34 Whose sample?: AGSO 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

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 =

206-207 = 1.000 206-208 = 2.000

Primary-epoxy = 3.1 nA Primary-CZ3 = 4.1 nA PESABM-CZ3 = 25/41 pA

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

Comments: B = 9996 9066

B31 onwards not imaged.

Rejection Sample/ Time - UO/U 196 206 U 204Pb f206 Age ±1σ (Ma) Offsets
 over-ride Std ID printout Kcps cps ppm ppb % 206/238 207/206 OK?

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?
	SL10-1	2:55	7.52	9.0	1284	220	0.8	.07	572 ± 1	596 ± 27	✓
	SL9-1	3:13	7.65	8.7	1306	217	1.0	.08	575 ± 1	577 ± 22	✓
	B.10-1	3:31	7.54	9.1	4506	113	2.5	.04	3129 ± 11	3182 ± 5	✓
	B.31-1	3:56	8.03	8.3	9084	254	1.8	.02	2660 ± 6	2679 ± 4	✓
	B.32-1	4:14	7.45	8.0	1299	40	2.6	.16	2710 ± 16	2797 ± 11	✓
	SL7-1	4:33	7.27	9.5	1205	212	-ve	.11	577 ± 1	505 ± 23	✓
	B.8-1	4:53	7.67	8.8	4874	138	1.8	.03	2795 ± 9	2773 ± 5	✓
	B.33-1	5:11	7.27	9.3	1612	42	-ve	.17	3248 ± 19	3287 ± 8	✓

calibra = std

* Delist + list

↳ to get it through Knill - nothing wrong with data.

