

UWA SHRIMP DATA LOG

Date: 6/12/02 UWA Mount No.: C-93, C-76 Whose sample?: Morean Operator(s): IF + MB

Indicate any change to the following: 196¹⁴⁶ 204 bkg 206 207 208 238 248 254 270²⁶⁴

Precambrian Count time (secs): 2 ² 10 10 10/20* 30/10* 10 ³ 5 ² 2 2

Phanerozoic* Delay time (secs): 8 ¹ 3 1 2 ¹ 1 1 ^{2.5} 2 ² 1.5 ²

Steel: Wein volts / nA = for O⁻; = for O₂⁻; = for NO⁻

dead-time = 24 nanosecs expected resolution = >4200 actual resolution = 5000

aperture = 30 microns retardation lens = HT 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 = 10.170 204-bkg = 0.045 204-206 = ~2.000

206-207 = 1.000 206-208 = 2.000

Primary-epoxy = nA Primary-CZ3 = 0.35^{MGI} nA PESABM-CZ3 = 0.7 pA

Raster time (mins): 2 Raster aperture (microns): 30 No. of scans: 6

Comments: 3

Rejection over-ride	Sample/ Std ID	Time - printout	UO/U	196 Kcps	206 cps	Uo ppm	204Pb ppb	²⁰⁶ Pb %	Age ±1σ (Ma)	Offsets OK?
						Kcps	cts	Kcts	206/238 207/206	
	Xenol-1-1	12:29	9.25	168.1	54710	362.2	0.3	12.8		
	Xenol-1b	12:44	8.73	170.43	47593	346.3	0.2	?		
	MGI.1-1	13:22	9.61	40.8	370.1	5.84	0.0	0.98		
	Xenol.1-1	13:44	9.98	35.3	11634.5	93.5	0.4	2.33		
	C93Q.1-1a	14:22	8.53	35.76	52.4	0.14	0.2	0.42		
	C93Q.2-1a	14:44	9.62	33.22	49.9	0.13	0.1	0.33		
	MGI.1-2	15:21	9.37	43.67	385.2	6.11	0.0	1.10		
	MGI.1-3	15:39	9.43	42.2	460.6	7.22	0.0	1.10		
	MGI.1-4	15:57	9.68	42.1	443.5	6.5	0.0	1064.5		

UWA SHRIMP DATA LOG

Date: 2/12/02 UWA Mount No.: C93, C76 Whose sample?: Noreen Operator(s): F+MB

Indicate any change to the following: ^{202 202 203} 196 204 bkg 206 207 208 ^{232 238} 238 ^{254 264} 248 254 270
 Precambrian Count time (secs): ^{clp} 2 2 10 10 10/20 30/10 10 25 52 2
 Phanerozoic* Delay time (secs): 8 1 2 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 = 5000
 aperture = 30 microns retardation lens = HT 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: ²⁰³ 196-204 = 204-bkg = 0.045 204-206 = ~ 2.000
 206-207 = 1.001 ~~206-208~~ = continued
 Primary-epoxy = nA Primary ^{Fr} ~~CZ3~~ = 0.36 nA PESABM-CZ3 = pA
 Raster time (mins): 2 Raster aperture (microns): 30 No. of scans: 6

Comments: Fr PD15 2408 ~~.....~~ 941a ~~.....~~

Rejection over-ride	Sample/ Std ID	Time - printout	UO/UO ²⁰³ 196 ^{270/254} cps	206 cps	²⁷⁰ Uo ₂ ppm cps	204Pb ppb cps	²⁶⁴ 238 ²⁵⁴ % 100 cps	206/238 207/206	Offsets OK?
	Fr 1-1	18:11	1.3	1717	887	6.42	0.2	120	
	eye	18:28							
	PD95.H	18:33	1.17	1547	58876	116	1.3	181	
	PD95.I-2	18:53	1.15	1525	58476	133	13.1	172	
	C93J.I-1	19:21	0.53	1546	369	0.05	0	0.1	
	C93J.I-2	19:41	1.27	1733	40.7	0.06	0.1	0.04	
	C93M.H	20:12	2.2	1581	87.7	0.1	0.2	0.04	
	PD95.I-4	20:40	0.64	1952	60623	120	0.8	189.	

? →

Rejection over-ride	Sample/ Std ID	Time - printout	UO/UO ²³⁰ / ₂₃₅ Kcps	²⁰³ 196 Kcps	²⁰⁶ cps	²¹⁰ UO ppm Kcps	204Pb ppb cps	²⁰⁶ % Kps	Age ±1σ (Ma) 206/238 207/206	Offsets OK?
	C93M.1-2	21:05	5	1951	58.2	0.07	0	0.01		✓
	C93M.1-3	21:24	4.3	1984	45.6	0.06	0.1	0.01		✓
	2908.1-1	22:24	0.37	1842	13270	24	0.1	65.		✓
	C93B.1-2	22:50	0.03	1727	147	0.17	0	6.28		✓
	C93E.1-1	23:34	0.03	2123	421.5	0.54	0.4	16.7		✓
	C93C.2-1	00:19	0.02	2190	429.1	0.47	0.7	29.8		✓
	C93C.2-2	00:37	0.89	2382	191.4	0.32	0.5	29.12		✓
	2908.1-2	01:01	1.20	1579	15391	2735	3.0	47.5		✓
	C93D.1-1	01:29	0.57	482	152	0.18	0.0	2.8		✓
	C93A2-1	02:37	1.43	1761	474.1	0.58	0.7	16.95		✓
	C93G.1-1	03:01	0.96	1593	247.4	0.33	0.4	28.75		✓
	Franch.1-3	03:22	1.21	1885	104.1	7.29	0.5	138.2		✓
	C93A.1-1	03:49	0.77	3047	371.8	0.47	0.2	16.29		✓
	C93A.1-2	04:10	1.37	2020	312.9	0.50	0.0	10.48		✓
	C93H.1-1	04:41	1.09	1794	253.1	0.28	1.4	22.78		✓
	P095.1-5	05:10	1.11	1963	6642	129	1.1	214		✓
	QMa28.1-1	05:42	1.30	1925	834.5	6.12	0.5	4.72		✓
	QMa28.1-2	06:03	1.35	2017	819.7	5.89	0.4	51.06		✓
<p>OUT OF MATERIAL</p> <p>what about C76??</p>										