

UWA SHRIMP DATA LOG

Date: 23/3/03 UWA Mount No.: C91, C92 Whose sample?: S. Mueller Operator(s): MG/SM

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 = -67 / 5.8 for O⁻; = -46 / 3.6 for O₂⁻; = -37 / 12 for NO⁻

dead-time = 24 nanosecs expected resolution = >4200 actual resolution = 4980

aperture = 30 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 = 8.163 204-bkg = 0.045 204-206 = 2.001

206-207 = 1 206-208 = 2

Primary-epoxy = 0.4 nA Primary-CZ3 = 0.55 nA PESABM-CZ3 = 10 pA

Raster time (mins): 1 Raster aperture (microns): 20 No. of scans: 6

Comments:

Rejection over-ride	Sample/ Std ID	Time - printout	^{234/238} UO/U	196 Kcps	206 cps	U ppm	204Pb ppb	f ₂₀₆ %	Age ±1σ (Ma) 206/238	207/206	Offsets OK?
	C23.1-1	11:03	6.66	344	275	551	5.4	.13	571 ± 10	547 ± 10	✓
	C23.1-2	12:07	6.38	3.7	270	546	1.9	-0.07	555 ± 8	613 ± 53	✓
	Ph-1	12:33	3.12	6.71	68.2	36.3	5.7	0.78	2050 ± 65	1933 ± 97	✓
	HTC2-A18	13:23	4.66	4.74	130.5	642	150	0.98	2330 ± 21	2216 ± 20	✓
	HTC4-M18	13:51	4.26	6.82	195.2	783	10.7	0.06	2282 ± 38	2214 ± 42	✓
	HTC4-M18b	14:13	3.67	6.98	109.7	620	-0.1	0	1982 ± 19	2227 ± 30	✓
	HTC4-M18c	14:39	4.44	3.9	46.37	468.6	38.6	0.05	1580 ± 170	2120 ± 37	✓
	Ph-1.2	15:03	3.9	6.8	72.4	37.4	1.5	0.12	2036 ± 67	2039 ± 75	✓

Mount/sample No: C-91/92

Date: 23/03/2003

Page No: 2

Rejection over-ride	Sample/ Std ID	Time - printout	UO/U Kcps	196 Kcps	206 cps	U ppm	204Pb ppb	f206 %	Age ±1σ (Ma) 206/238	207/206	Offsets OK?
	HTC4-N	15:30	4.16	6.36	1192	534	-5.4	0.045	2267±28	2221±12	✓
	HTC4-Nb	16:05	4.05	6.41	1064	572	12.6	0.11	1986±16	2191±13	✓
	HTC2-B	16:37	4.8	5.18	443	183	28	0.62	2430±37	2059±36	✓
	HTC2-Bb	16:59	4.35	5.52	456	229	21.6	0.4	2196±32	2153±30	✓
	HTC2-Bc	17:24	3.4	7.7	625	307	33.4	0.5	2230±22	2204±24	✓
	HTC2-Bd	17:45	3.25	7.4	384	239	17.9	0.38	1982±24	2172±32	✓
	Ph-1.3	18:08	3.7	7.14	75	40	-8.2	1.0	2042±61	2265±115	✓
	HTC4-O	18:36	3.62	8.19	349.6	152	9.3	0.28	2182±63	2208±41	✓
	HTC4-Ob	18:57	3.62	6.94	316	186	16	0.4	1945±27	2179±34	✓
	PF7-P	19:30	3.72	3.69	572	354	389	3.36	2994±199	2199±70	✓
	HTC4-L	19:59	5.93	4.39	1318	573	12.5	0.1	2125±26	2065±16	✓
not C23	C23-c2	20:39	7.5	2.2	1431	3022	387.8	2.1	693±28	1255±51	✓
	ETC9-c	21:08	4.71	4.82	1933	967	27.8	0.1	2262±55	2217±12	✓
	ETC9-cb	21:29	4.43	4.01	1443	1074	36.7	0.17	2025±15	2203±13	✓
	ETC9-cc	21:52	4.86	4.28	1532	728	583	3.1	2460±44	2218±30	✓
	ETC9-k	22:23	4.39	5.06	944	444	529	4.7	2383±28	2158±49	✓
	Ph92-1	22:52	3.77	8.17	122	51.9	4.8	0.4	2133±49	2078±67	✓
	ETC9-B	23:18	3.22	7.73	321	162	121	3.2	2250±33	2025±94	✓
	ETC9-Bb	23:40	3.25	6.96	296	213	11.3	0.29	1852±25	2228±32	✓
	ETC9-Bbb	00:01	3.28	5.86	300	285	27.	0.6	1666±60	2231±38	✓
	ETC9-M	00:31	4.15	5.04	721	379	198	2.1	2372±31	2149±43	✓
	Ph92-2	00:55	3.87	6.86	141	70	4.6	0.3	2104±52	2126±43	✓

2-1-05-9