

B

UWA SHRIMP DATA LOG

Date: 5.11.04 UWA Mount No.: 03-43 & 03-41 Whose sample?: Marco (SE Asia Borneo) Operator(s): AP & M. Bazzott

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* 20/10* 10 5 5 2
 Phanerozoic* Delay time (secs): 8 3 1 2 1 1 3 2 2

Steel: Wein volts / nA = 186.8 v / 9.2 for O⁻; = 131.5 v / 1.8 for O₂⁻; = _____ for NO⁻

dead-time = 25 nanosecs expected resolution = >4200 actual resolution = _____

aperture = 100 microns retardation lens = 0 volts sensitivity = _____

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 = 0.050 204-206 = 2.008

206-207 = 1.0056 206-208 = 2.0089

Primary-epoxy = 1.6 nA Primary-CZ3 = 2.2 nA PESABM-CZ3 = 60 pA

Raster time (mins): 1.5 → 2 Raster aperture (microns): 110 No. of scans: 5

Comments: 41C ~ 28 analyses. (Total count 66.)
 43C ~ 40 analyses. (Start numbering with C 28-1)

1.8950
 Pb/U = 0.2726
 U/Pb = 7.1617

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?

03-41

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?	Scans
	CZ5-1	10:58	7.16	13	1900	551	-	-	564 ± 5	626 ± 39	✓	26.3
	CZ5-2	11:22	7.26	13	1800	567	-	-	538 ± 4	656 ± 26	✓	25.1
* change HkL	C.39-1	11:40	5.66	14	950	485	0.6	0.04	339 ± 4	396 ± 77	✓	24.6
Raster 2min	CZ5-3	11:58	6.74	14	1800	549	-	-	550 ± 9	616 ± 37	✓	24.2
	C.40-1	12:17	6.39	14	350	185	-	-	341 ± 5	454 ± 65	✓	22.6
bgn noise → 0.045	C.41-1	12:32	6.24	15	110	259	-	-	75 ± 1	394 ± 95	✓	22.5
	C.42-1	12:50	6.97	13	120	210	5.4	2.99	100 ± 2	-	✓	25.9
	CZ5-4	13:06	6.29	15	1800	520	-	-	570 ± 4	507 ± 40	✓	24.3

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?	SEM
	C.43-1	13:24	6.96	14	170	307	-	-	94 ± 1	279 ± 78	✓	25.0
	C.44-1	13:39	6.71	14	1800	156	-	-	178 ± 20	1877 ± 17	✓	24.4
	C.45-1	13:57	6.58	14	89	129	-	-	124 ± 2	297 ± 108	✓	24.9
	C2.5-5	14:13	6.34	15	1800	525	3.8	0.15	561 ± 6	590 ± 47	✓	23.4
	C.46-1	14:29	6.69	14	49	97	-	-	89 ± 9	464 ± 144	✓	26.0
206 - 0.055	C.47-1	14:58	6.81	14	30	88	-	-	59 ± 1	858 ± 151	✓	26.1
	C.48-1	15:13	7.11	14	370	393	-	-	116 ± 1	247 ± 63	✓	25.2
	C2.5-6	15:29	6.24	15	1800	522	0.6	0.02	576 ± 5	576 ± 34	✓	23.7
	C.49-1	15:48	7.08	13	490	739	-	-	114 ± 1	181 ± 48	✓	24.7
	C.50-1	16:07	6.32	13	175	288	-	-	107 ± 1	296 ± 78	✓	22.4
	C.51-1	16:24	6.44	13	175	65	-	-	453 ± 9	642 ± 68	✓	26.0
	C2.5-7	16:58	6.42	13	1700	533	-	-	560 ± 16	607 ± 42	✓	22.9
	C.52-1	16:41	6.65	13	325	583	-	-	101 ± 1	157 ± 62	✓	24.0
	C.53-1	17:15	6.43	13	10000	668	-	-	2189 ± 11	2346 ± 6	✓	24.6
	C.54-1	17:31	6.50	13	260	515	-	-	89 ± 1	324 ± 65	✓	23.9
	C.55-1	17:48	6.57	13	220	432	-	-	88 ± 1	156 ± 80	✓	23.2
	C2.5-8	18:04	6.70	13	1700	540	-	-	561 ± 4	551 ± 23	✓	22.1
	C.56-1	18:20	6.65	14	3500	241	-	-	2016 ± 26	2723 ± 41	✓	26.8
	C.57-1	18:36	6.70	13	2300	654	-	-	591 ± 4	622 ± 21	✓	24.7
	C.58-1	18:52	6.65	13	1250	580	-	-	361 ± 6	415 ± 29	✓	25.0
	C.59-1	19:09	6.56	14	55	108	-	-	92 ± 2	211 ± 137	✓	26.2
	C2.5-9	19:24	6.44	14	1900	538	1.7	0.041	574 ± 4	522 ± 31	✓	24.9
	C.60-1	19:40	6.64	13	120	231	1.8	1.01	91 ± 2	0 ± 330	✓	25.4
	C.61-1	19:57	6.31	14	1450	696	-	-	364 ± 3	427 ± 28	✓	23.9
	C.62-1	20:15	6.40	14	100	30	-	-	567 ± 16	681 ± 132	✓	25.9

206 - 0.055

* Change name (wrongly labelled) "C2.5-7" should be C2.341.5-7

* Counting on 206 + 207 very weird in this analysis. → many rejections

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?	
	25	C.63-1	20:31	6.74	13	115	71	-	-	544 ± 15	588 ± 61	✓ 24.1
		C2.5-10	20:47	6.68	13	1800	524	-	-	596 ± 5	562 ± 22	✓ 23.7
		C2.5-11	21:03	6.53	13	1800	545	-	-	571 ± 5	571 ± 25	✓ 24.4
	26	C.64-1	21:20	6.36	13	1100	483	-	-	406 ± 4	651 ± 29	✓ 23.8
	27	C.65-1	21:39	6.49	13	55	110	-	-	95 ± 2	216 ± 144	✓ 23.2
	28	C.66-1	21:55	6.43	13	60	106	-	-	113 ± 3	213 ± 136	✓ 23.6
		C2.5-12	22:10	6.58	13	1800	556	-	-	567 ± 4	565 ± 39	✓ 25.7
		C2.1-1	22:37	6.68	13	1700	524	-	-	540 ± 4	546 ± 76	✓ 24.5
		C2.1-2	22:49	6.83	13	1700	520	-	-	563 ± 10	586 ± 48	✓ 25.7
		C.28-1	23:07	6.44	13	2000	352	-	-	958 ± 11	1002 ± 19	✓ 25.2
		C.29-1	23:23	6.74	12	140	238	-	-	102 ± 2	280 ± 95	✓ 24.2
		C.30-1	23:39	7.03	12	55	80	-	-	226 ± 3	644 ± 126	✓ 31.1
		C2.1-3	23:54	7.03	10.5	1500	522	1.2	0.048	557 ± 4	614 ± 49	✓ 27.3
		C.31-1	00:11	6.68	12	120	185	-	-	128 ± 2	478 ± 85	✓ 26.5
		C.32-1	00:27	6.22	13	1500	246	-	-	1079 ± 11	1092 ± 21	✓ 24.8
		C.33-1	00:42	6.66	13	300	291	-	-	182 ± 2	212 ± 64	✓ 24.9
		C2.1-4	00:57	6.97	13	1700	517	1.1	0.045	563 ± 6	557 ± 43	✓ 27.9
		C.34-1	01:13	6.84	13	440	624	-	-	120 ± 1	260 ± 52	✓ 26.0
		C35-1	01:28	6.66	13	1000	60	-	-	2407 ± 54	2484 ± 18	✓ 24.4
		C36-1	01:44	6.38	13	47	49	-	-	176 ± 5	771 ± 185	✓ 25.6
		C.37-1	01:59	6.55	14	70	95	-	-	117 ± 2	1258 ± 475	✓ 26.9
		C2.1-5	02:14	6.81	13	1800	519	-	-	559 ± 4	575 ± 22	✓ 26.8
		C.38-1	02:30	6.79	14	380	508	-	-	122 ± 1	485 ± 60	✓ 25.9
		C.39-1	02:45	6.62	14	1900	154	-	-	1777 ± 17	1847 ± 14	✓ 24.3

repeated analysis because of 5.10 "do"

03-41
Mount Change
03-43

+ 1° droppout ~ 8% during last scan

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?

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?
	C.40-1	03:02	6.56	14	420	701	-	-	101 ± 1	194 ± 52	✓ 26.1
	C.41-1	03:18	6.71	14	750	894	-	-	136 ± 1	166 ± 51	✓ 24.6
	C.2.1-6	03:35	6.81	14	1800	525	-	-	547 ± 6	632 ± 36	✓ 25.0
	C.2.1-7	03:51	6.71	14	1900	515	-	-	574 ± 5	568 ± 23	✓ 25.6
	C.42-1	04:06	6.45	14	75	77	1.0	0.967	125 ± 4	19 ± 847	✓ 27.5
	C.43-1	04:21	6.78	14	150	125	3.3	1.697	182 ± 4	0 ± 537	✓ 25.3
	C.44-1	04:38	6.42	14	70	67	-	-	183 ± 4	561 ± 113	✓ 24.4
	C.2.1-8	04:53	6.55	14	1800	515	-	-	559 ± 4	609 ± 69	✓ 25.6
	C.45-1	05:10	5.97	13	40	73	-	-	113 ± 2	699 ± 230	✓ 20.9
	C.46-1	05:25	6.58	14	170	154	-	-	181 ± 2	315 ± 77	✓ 25.4
	C.47-1	05:42	6.25	14	100	157	-	-	117 ± 2	427 ± 96	✓ 22.7
	C.2.1-9	05:57	6.58	14	1800	510	-	-	564 ± 6	635 ± 29	✓ 25.2
	C.48-1	06:14	6.48	14	3250	397	0.4	0.07	160 ± 2	345 ± 152	✓ 25.0
	C.49-1	06:31	6.49	14	380	157	0.7	0.102	202 ± 4	136 ± 456	✓ 25.6
	C.50-1	06:48	6.92	14	120	166	-	-	120 ± 2	331 ± 90	✓ 26.7
	C.2.1-10	06:08	6.66	14	20	523	1.4	0.05	564 ± 7	585 ± 44	✓ 26.6
	C.51-1	07:20	6.40	15	3.6	31	0.5	1.01	184 ± 7	303 ± 829	✓ 25.1
25	C.52-1	07:36	6.76	14	13	377	-	-	612 ± 8	1050 ± 22	✓ 26.7
	C.53-1	07:53	6.59	15	100	86	-	-	175 ± 4	723 ± 92	✓ 27.2
	C.54-1	08:09	6.57	14	6500	507	-	-	1872 ± 18	1871 ± 11	✓ 25.5
	C.2.1-11	08:24	6.77	14	1900	515	1.9	0.076	569 ± 7	562 ± 42	✓ 26.0
	C.55-1	08:40	6.56	15	510	482	0.4	0.06	176 ± 2	241 ± 119	✓ 25.7
	C.56-1	08:56	6.53	14	66	98	-	-	118 ± 3	399 ± 120	✓ (48.7?)

repeat standard because C.2.1-6 was wrong.

1° dropped last scan.