

B

UWA SHRIMP DATA LOG

Date: 30.10.04 UWA Mount No.: 03-43 Whose sample?: (SE Asia) Marco Borneo Operator(s): AP & 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 = 195V/10nA for O-; = 140V/2.8 for O2-; = for NO-

dead-time = 25 nanosecs expected resolution = >4200 actual resolution = 5418

Kohler 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 = 8.171 204-bkg = 0.050 204-206 = 2.0098

206-207 = 1.0066 206-208 = 2.0088

Primary-epoxy = 2.4 nA Primary-CZ3 = 3.2 nA PESABM-CZ3 = 78 pA

Raster time (mins): 2 Raster aperture (microns): 105 No. of scans: 5

Comments: 03-43 B ~ 46 analyses (ie total B+C = 66 analyses)
C ~ 45 analyses

03-41 C ~ 28 analyses (ie total 38+28 = 66).

1.5853
Pb/U = 0.1704
Uo/U = 5.318

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?

Table with columns: 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?. Includes handwritten notes like 'raster aperture 110' and '03-43'.

SEM3

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Rejection over-ride	Sample/ Std ID	Time - printout	UO/U	196 Kcps	206 cps	U ppm	²⁰⁴ Pb ppb	f ²⁰⁶ %	Age ±1σ (Ma) 206/238	207/206	Offsets OK?	Sens
	B.26-1	13:22	5.48	16	840	523	8.9 [↑]	0.07	2334 ± 11	2394 ± 6	✓	16.2
	C2.1-4	13:39	5.40	15 [↓]	1800	575	9.9	0.07	565 ± 5	577 ± 39	✓	14.6
	B.27-1	13:55	5.60	16	3100	205	2.0	0.05	2185 ± 22	2232 ± 11	✓	16.7
	B.28-1	14:10	5.45	17	380	250	2.7	0.48	267 ± 3	120 ± 154	✓	16.2
	B.29-1	14:28	5.53	16	1600	554	0.6	0.03	510 ± 13	674 ± 13	✓	15.8
	B.30-1	14:43	5.55	16	220	178	1.4	0.44	210 ± 4	189 -	✓	16.5
	C2.1-5	15:00	5.54	16	1900	584	5.6 [↑]	0.20	561 ± 4	502 ± 56	✓	15.8
	B.31-1	15:16	5.70	16	130	89	-	-	255 ± 4	672 ± 81	✓	16.9
	B.32-1	15:31	5.73	15	1300	523	5.2 [↑]	0.27	437 ± 4	426 ± 77	✓	15.5
	B.33-1	15:46	5.48	16	2100	456	5.6 [↑]	0.18	798 ± 31	1782 ± 241	✓	15.4
	B.34-1	16:09	5.37	16	62	72	4.7 [↑]	5.02 [↑]	148 ± 4	-	✓	15.6
	C2.1-6	16:25	5.38	16	1800	563	0.1	0.00	566 ± 4	569 ± 22	✓	14.9
	B.35-1	16:40	5.33	16	570	184	4.5 [↑]	0.49	564 ± 12	509 ± 106	✓	16.5
	B.36-1	16:58	5.27	15	680	258	4.5 [↑]	0.40	558 ± 7	419 ± 75	✓	14.4
	B.37-1	17:13	5.42	15	1100	428	3.7	0.22	455 ± 4	432 ± 73	✓	15.6
	B.38-1	17:32	5.58	16	200	134	-	-	255 ± 4	489 ± 69	✓	17.0
	C2.1-7 BUBBL	17:50	5.44	15	1700	565	2.5	0.09	561 ± 3	539 ± 31	✓	15.8
	B.38-1	18:06	5.37	16	930	59	1.6	0.11	2489 ± 35	2518 ± 23	✓	16.3
	B.40-1	18:23	5.56	15	250	24	3.5	0.9	1676 ± 41	1773 ± 95	✓	16.5
	B.41-1	18:41	5.61	15	250	154	0.7	0.18	295 ± 7	278 ± 151	✓	16.6
	B.42-1	18:58	5.47	15	5100	458	1.5	0.02	1841 ± 19	1883 ± 10	✓	15.8
	C2.1-8	19:16	5.36	16	1800	560	1.6	0.06	562 ± 5	551 ± 31	✓	15.2
	B.43-1	19:37	5.75	16	720	508	4.3	0.41	241 ± 5	190 ± 132	✓	17.2
	B.44-1	19:53	5.68	16	730	276	2.2	0.21	441 ± 5	369 ± 81	✓	17.0
	B.45-1	20:08	5.65	16	260	180	2.6	0.67	248 ± 3	72 ± 227	✓	17.3

1° spiked 1/2 way scan 3
→ 2 ↓ 2%

change

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Rejection over-ride	Sample/ Std ID	Time - printout	UO/U Kcps	196 cps	206 cps	U ppm	204Pb ppb	f206 %	Age ±1σ (Ma) 206/238	207/206	Offsets OK?	Secs
	B.46-1	20:24	5.47	16	350	283	-0.3	-	219±2	358±53	✓	16.5
	C2.1-9	20:41	5.5	16	1800	567	1.8	0.07	554±4	598±31	✓	16.3
	B.47-1	20:58	5.5	16	3300	255	0.7	0.02	1963±15	1969±11	✓	17.3
	B.48-1	21:14	5.59	16	1300	1065	-0.9	-	214±2	312±84	✓	16.6
	B.49-1	21:36	5.34	14	250	168	1.3	0.29	312±5	501±137	✓	14.6
	B.50-1	22:09	5.44	16	89	92	-	-	179±4	697±147	✓	15.9
	C2.1-10	22:27	5.49	16	1800	580	1.8	0.06	561±4	590±36	✓	16.9
	B.51-1	22:44	5.44	15	190	91	3.7	1.18	398±7	192±352	✓	15.6
	B.52-1	23:01	5.41	15	690	576	3.2	0.28	233±5	281±98	✓	15.4
	B.53-1	23:18	5.41	16	720	296	0.8	0.07	440±4	511±66	✓	16.9
	B.54-1	23:34	5.34	15	490	374	2.1	0.27	252±3	273±125	✓	16.2
	C2.1-11	23:55	5.41	15	1700	559	1.9	0.07	565±5	564±33	✓	15.6
	B.55-1	00:15	5.52	15	440	514	0.1	0.008	159±	312±	✓	16.0
	B.56-1	00:31	5.28	17	710	94	-	-	1236±15	1282±43	✓	17.0
	B.57-1	00:47	5.55	16	1000	866	5.1	0.33	215±1	133±68	✓	16.2
	B.58-1	1:04	5.55	16	3000	266	5.7	0.13	1732±29	1860±22	✓	18.5
	C2.1-12	1:23	5.39	15	1700	575	1.3	0.05	571±4	546±36	✓	16.2
	B.59-1	1:41	5.54	15	2300	210	1.1	0.03	1819±15	1891±21	✓	15.9
	B.60-1	1:58	5.46	15	920	797	9.5	0.65	217±2	210±93	✓	15.4
	B.61-1	2:14	5.34	15	620	116	2.9	0.28	987±13	979±60	✓	15.3
	B.62-1	2:30	16	1000	151	1.51	16	0.10	1174±19	1215±24	✓	15.8
	C2.1-13	2:46	5.26	19.6	1700	10567	567	15.8	592±4	507±34	✓	15.0
	B.63-1	3:05	5.46	16	930	787	3.4	0.24	210±1	299±65	✓	16.3
	B.64-1	3:22	5.26	14	170	146	2.8	0.88	256±6	265±8	✓	13.2
	B.65-1	3:38	5.35	1.6	220	394	5.4	1.55	103±2	-	✓	16.3

Sample	Time	UO/U	196 kctps	206 cps	V ppm	204Pb ppb	f ₂₀₆ %	206/238	207/206	Offset	Sens.
B66-1	3:55	5.36	14	2400	180	1.0	0.02	2334±22	2434±11	✓	14.0
C2.H4	4:12	5.40	15	1800	576	-	-	570±4	579±23	✓	15.5
B67-1	4:30	5.33	15	180	149	4.0	1.38	228±4	-	✓	14.7
B68-1	4:46	5.54	14	250	244	5.9	1.41	200±16	0±26	✓	15.4
B69-1	5:02	5.38	15	540	53	1.0	0.11	1724±27	1712±49	✓	15.4
B70-1	6:00	5.33	15	2900	283	4.5	0.09	1790±15	1854±16	✓	15.5
C2.1-15	6:17	5.45	15	1700	583	-	-	563±8	528±40	✓	14.9
C.21-1	6:37	5.24	15	140	149	-	-	187±3	331±88	✓	14.7
C.22-1	6:53	5.53	15	6500	565	7.4	0.07	1852±12	1910±12	✓	16.6
C.23-1	7:11	5.37	16	1900	787	4.9	0.17	432±3	427±46	✓	15.7
C.24-1	7:27	5.64	16	3900	328	0.6	0.01	1822±30	1877±21	✓	16.8
C2.1-16	7:43	5.39	16	1800	560	-	-	572±3	561±42	✓	16.2
C.25-1	7:59	5.61	16	33	47	2.6	5.35	116±6	0-	✓	16.9
C.26-1	8:16	5.44	16	140	144	0.7	0.33	178±3	205±269	✓	15.9
C.27-1	8:32	5.52	16	220	209	3.4	1.07	178±2	0--	✓	16.8

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