

**UWA SHRIMP DATA LOG**

Date 15/03/03 UWA Mount No. C86 Whose sample? DV Operator(s) IF  
C87  
SPS-2 + 03-10 (Brook)  
DV  
NM

Indicate any change to the following: 196 <sup>4</sup> 204 bkg 206 207 208 238 248 254 <sup>264</sup> ~~270~~  
**Precambrian** Count time (secs): 2 10 10 10/20\* 30/10\* 10 5 ~~5~~ 2 5  
**Phanerozoic\*** Delay time (secs): 8 3 1 2 1 1 3 2 2

Steel: Wein volts / nA = -251 for O<sup>-</sup>; = -167 for O<sub>2</sub><sup>-</sup>; = ..... for NO<sup>-</sup>  
 dead-time = 24 nanosecs expected resolution = >4200 actual resolution = 5060  
 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 = 10.168 204-bkg = ~~0.045~~ 0.045 204-206 = ~2.000  
 206-207 = 1.000 206-208 = 2.000

Primary-epoxy = ..... nA Primary-CZ3 = 0.2 nA PESABM-CZ3 = ..... pA  
 Raster time (mins): 2 Raster aperture (microns): 30 No. of scans: 7

Comments: 6-8 M&V DV BS  
3 BSI 3  
5 XEND 4 1

254/238 254

Rejection over-ride	Sample/ Std ID	Time - printout	UO/U	196 Kcps	206 Kcps	U <sub>0</sub> ppm	204Pb ppb	f <sub>206</sub> %	Age ±1σ (Ma)	Offsets OK?
						keps	cps		206/238 207/206	

<del>x</del>	MGI.1-1	12:50	10.2	22.1	0.15	2.5	0.1		0.621 0.055	✓
<del>x</del>	XEND1-1	13:20	11.2	17.1	4.98	33.8	0.0		1.65 0.073	✓
<del>x</del>	MGI.1-2	13:46	10.96	21.1	0.14	2.5	0.1		0.625 0.066	✓
<del>x</del>	XEND1-2	14:12	12.25	17.9	5.5	36.7	0.2		1.82 0.07	✓
	C86D.1-2	14:48	9.6	10.2	1.5	6.3	0.5		2.39 0.12	✓
	C86D.H	15:28	9.5	13	1.6	6.3	0.0		2.44 0.112	✓
	C86D.1-3	15:56	10.1	11.8	1.6	6.2	0.1		2.56 0.11	✓
	C86F.1	16:47	10.4	15.3	1.07	4.3	0.2		2.57 0.11	✓

MLQAI  
MLQBS

C86 ~~X~~ B C D ~~E~~ F ~~G~~ H I ~~J~~ K ~~L~~ M N  
 | 13 | 1 | 1 | 1 |

C87 A B C D E F G H I J K L M N  
 | 1 | 52 | 1 | 2 | 1 | 1 | 3 |

Rejection over-ride	Sample/ Std ID	Time - printout	254/238 UO/U Kcps	196A Kcps	206 Kcps	254 U ppm	204Pb ppb	f <sup>206</sup> %	Age ± 1σ (Ma) 206/238    207/206	Offsets OK?
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	MLQBS	C86I-1	17:51	10.09	12.3	0.6	3.4	1.3		1.86	0.14	✓
	✗	MG1.13	18:19	10.89	20.8	0.13	2.3	0.0		0.61	0.064	✓
	✗	BS1.1-1	19:17	12.29	17.7	0.10	1.4	0.0		0.84	0.059	✓
	MLQBS	C86K-H	19:58	9.80	7.8	0.2	0.8	0.1		2.47	0.11	✓
	MLQA2	C86CH	20:41	9.3	10.0	0.66	3.0	0.1		1.998	0.117	✓
	MLQBS	C86BI-1	21:35	10.1	12.1	0.6	2.4	1.2		2.3	0.127	✓
	Mount change → C87 (Communication error 10-11pm)											
	✗	MG1.1-4	23:45	9.3	21.6	0.12	1.95	0.1		0.56	0.057	✓
	✗	MG1.1-5	00:11	10.19	21.2	0.13	2.2	0.1		0.62	0.062	✓
	✗	XD01.1-3	00:40	11.4	17.7	5.3	34.5	0.0		1.78	0.071	✓
	MLQDI	C87FI-1	01:14	9.09	16.1	0.6	2.9	0.1		1.86	0.115	✓
		C87FI-2	01:40	9.97	15.2	0.6	3.9	0.7		1.64	0.12	✓
	PKQBI	C87G-H	02:10	9.01	14.4	1.1	4.8	0.5		2.04	0.15	✓
	BBG <sub>5</sub> B5	C87EI-1	02:43	10.9	18.6	2.9	8.0	0.4		3.93	0.17	✓
		C87EI-2	03:10	10.96	18.0	3.9	10.2	0.4		4.2	0.17	✓
		C87EI-3	03:37	10.76	15.5	7.4	18.6	0.9		4.24	0.175	✓
		C87EI-4	04:04	10.69	17.8	3.9	10.2	0.4		4.11	0.17	✓
		C87EI-5	04:30	10.7	19.4	3.4	9.6	0.2		3.89	0.169	✓
	BBG <sub>5</sub> E1	C87NI-1	05:01	11.7	16.9	26.7	54	0.6		5.77	0.17	✓
		C87NI-2	05:28	11.5	16.2	24.6	50.9	0.4		5.53	0.17	✓
		C87NI-3	05:54	11.4	16	37.6	72	0.4		5.97	0.176	✓
	BBG <sub>5</sub> A1	C87IH	06:25	11.3	17.7	6.2	24.5	1.3		2.86	0.137	✓
		C87IH-2	06:54	10.1	15.3	3.6	13.2	1.1		2.77	0.17	✓
	BBG <sub>5</sub> B5	C87MI-1	07:23	10.7	18.9	<del>7.8</del>	7.8	0.0		3.96	0.16	✓

2.9

agc  
agc  
agc  
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agc

21

Rejection over-ride	Sample/ Std ID	Time - printout	UO/U	196 <sup>4</sup> Kcps	206 cps	254 U ppm cps	204Pb ppb cps	f206 %	Age ±1σ (Ma)	Offsets OK?
									206/238 207/206	

	MLQDI	C87LH	07:57	11.1	17	1.8	20	0.9	1.00	0.12	✓
	BBGB5	C87AI	08:39	11.1	15.98	4.6	11.2	0.3	4.47	0.166	✓
	BBGAI	C87KH	09:09	10.8	19.2	0.77	3.4	0.3	2.44	0.11	✓
x	MG1.1-6		09:36	12.1	21.7	0.13	2.2	0.1	0.68	0.058	✓
x	BS1.1-2		10:02	11.0	19.2	82.7	1319	0.07	0.66	0.077	✓
Mount change → 03-10 (Brock Salier)											
<del>MG1.1-7</del>											
<del>XEND.1-4</del>											
	x MG1.1-7		10:56	11.1	16.8	109.6	1389	0.3	0.65	0.069	✓
	x XEND.1-4		11:26	10.8	15.2	4501	30K	0.0	1.62	0.072	✓
	W11x2-1		12:18	11.5	16.5	1199	2998	0.1	4.60	0.178	✓
	" -2		12:44	10.0	16.6	617.3	2170	0.9	2.86	0.185	✓
	x MG1.1-8		13:12	10.5	18.1	128.8	2222	0.0		0.061	✓
END											

10 dropped stability!

10 stable

Mount 03-10 BROCK SALIER