UWA SHRIMP DATA LOG

Date	UWA Mount No.	Whose sample?	Operator(s)
10/4/03	03-14	Noreen V.	IRF / Matt Baggott

Indicate any change to the following:

		196	204	bkg	206	207	208	238	248	254	270
Precambrian	Count time (secs):	2	2	10	10	10/~~20~~	30/~~10~~ 40	10	5	5	2
Phanerozoic*	Delay time (secs):	~~8~~ 8	~~1~~ 1	3	1	2	1	1	~~3~~ 2.5	2	2

Steel: Wein volts / nA = ... for O^-; = ... for O_2^-; = ... for NO^-

dead-time = 24 nanosecs expected resolution = >4200 actual resolution = 4763

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 = ~~8.170~~ 10.168 204-bkg = 0.045 204-206 = ~2.000

206-207 = 1.000 206-208 = 2.000

Primary-epoxy = ... nA Primary-~~CZ3~~ M61 = 0.57 nA PESABM-CZ3 = 12 pA

Raster time (mins): 2.0 Raster aperture (microns): 30 µm No. of scans: 6

Comments:

8 XENO1 } travel
6 M61 } overall
3 BS-1 } statements

Rejection over-ride	Sample/ Std ID	Time - printout	UO/U	196/4 Kcps	206 cps	U^{238} ppm cps	^{204}Pb ppb cps	f_{206} %	Age ±1σ (Ma) 206/238	207/206	Offsets OK?
	M61.1-1	13:55	~~9.35~~ ~~9.35~~	~~73~~ ~~73~~	1100	420	0.12		0.5892	0.0571	✓
	XENO1.1-1	14:17	26.2	66	2000	1100	0.23		1.537	0.0729	✓
	14A.1-1	14:54	8.46	58	550	360	0.34		2.917	0.1775	✓
	14M.2-1	15:21	7.86	61	120	405	0.28		2.892	0.1770	✓
	XENO1.1-2	15:44	8.84	65	1800	980	0.23		1.233	0.0716	✓
	M61.1-2	16:06	8.82	75	780	210	0.07		0.504	0.0559	✓
	14C.2-1	16:46	6.24	43	200	140	0.29		1.701	0.1857	✓
	14C.2-2	17:06	5.12	38	170	89	0.21		0.961	0.1826	✓

Mount/sample No: ..... **Date:** ..... **Page No:** .....

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?	
	140.3-1	18:03	8.61	61	600	350	0.31		2.841	0.1799	✓	
	140.3-2	18:23	8.34	48	840	480	0.28		2.772	0.1714	✓	
	BSI.1-1	18:47	8.96	65	160	320	0.2		0.561	0.0627	✓	
	14F.3-1	19:23	8.16	58	720	720	0.24		2.632	0.1708	✓	
	14F.3-2	19:42	7.56	32	610	520	0.17		2.170	0.1768	✓	
	XEN01.1-3	20:04	9.25	66	1900	1000	0.21		1.354	0.0714	✓	
	14M.1-1	20:30	7.75	54	86	88	0.29		3.076	0.1811	✓	
	14M.1-2	20:48	8.53	39	75	81	45		2.684	0.1757	✓	
	XENBL.1-4	21:11	8.69	68	1800	1000	0.25		1.222	0.0721	✓	
	14G.2-1	21:43	7.67	41	430	350	0.52		2.715	0.1768	✓	
	MG1.1-3	22:05	8.43	74	740	200	0.11		0.449	0.0578	✓	
	141.2-1	22:36	12.05	62	100	480	0.25		1.411	0.2840	✗	* NOT of last 2 Scans
	MG1.1-4	23:03	8.94	78	720	190	0.15		0.502	0.0584	✓	
	14J.1-1	23:40	5.73	35	210	140	0.35		0.532	0.1977	✓	
	14J.1-2	23:59	5.85	19	220	160	0.49		0.579	0.2006	✓	
	BSI.1-2	00:24	8.84	63	130	270	0.12		0.565	0.0611	✓	
	14H.2-1	00:57	5.57	48	260	240	0.33		0.794	0.1792	✓	
	14H.2-2	01:16	5.08	42	150	180	0.48		0.630	0.1964	✓	
	MG1.1-5	01:41	9.03	86	810	210	0.17		0.5252	0.0563	✓	