UWA SHRIMP DATA LOG

Date	UWA Mount No.	Whose sample?	Operator(s)
7/02/03	C118	Dan U	IF+DU

Indicate any change to the following: 194 196 204 bkg 206 207 208 238 248 254 ~~270~~ 264

Precambrian	Count time (secs):	2	10	10	10/~~20*~~	~~30/10*~~ 40	10	5	5	2	
Phanerozoic*	Delay time (secs):	8	3	1	2	1	1	3	2	2	

~~Steel~~ MG1: Wein volts / nA = -52/2.6 for O^-; = -32/1.2 for O_2^-; = -24/2.9 for NO^-

dead-time = 24 nanosecs expected resolution = >4200 actual resolution = 5010

aperture = 30+ microns retardation lens = =HV 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 = 10.170 204-bkg = 0.045 204-206 = ~2.000

206-207 = 1.000 ~~206~~-208 = centred

Primary-epoxy = ... nA Primary-~~CZ3~~ MG1 = 1.2 nA PESABM-~~CZ~~ MG1 3 = 20 pA

Raster time (mins): 2 Raster aperture (microns): 35 No. of scans: 6

Comments: Stds on C-30
Karen P follows — combine Stds.

1 2 MG1 1
1 2 X1 1
1 BS1 1

Rejection over-ride	Sample/ Std ID	Time - printout	254/238 UO/U	196 ~~f~~ Kcps	206 cps	254 UO ppm Kcps	204Pb ~~ppb~~ cps	~~204~~ f206 % ~~cps~~	Age ±1σ (Ma) 206/238	Age ±1σ (Ma) 207/206	Offsets OK?
	MG1.1-1	11:32	9.44	99	0.39	8.1	0.0		0.45	0.057	✓
	XEN01.1-1	11:53	9.37	113	29	232	0.2		1.178	0.07	✓
	C118D1.1-1	12:26	9.4	73.6	65	322	0.3		1.91	0.0997	✓
	C118D2-1	12:54	8.8	73.7	55.6	292	0.3		1.68	0.0969	✓
	C118B1-1	13:29	8.78	97	55.9	2498	0.1		0.197	0.0994	✓
	C118A1-1	13:58	9.08	838	47.4	296	0.2		1.46	0.094	✓
	C118A2-1	14:23	9.3	82.8	59.3	315	0.2		1.76	0.094	✓
	MG1-2	14:48	8.67	99	0.45	7.5	0.0		0.53	0.058	✓

Mount/sample No: C-118 **Date:** 7-2-03 **Page No:** 2/2

Rejection over-ride	Sample/ Std ID	Time - printout	UO/U (254/238)	196 Kcps	206 kcps	U ppm kcps (254)	204Pb ppb kcps	f206 %	Age ±1σ (Ma) 206/238	207/206	Offsets OK?
	XENO1-2	15:09	8.9	105	26.9	211	0.4		1.14	0.072	✓
	C118P1-1	15:45	~~7.3~~	72	24.6	177	0.3		1.014	0.095	✓ 208Pb a little high
	C118O1-1	16:11	7.8	86	0.5	3.3	0.1		1.17	0.1014	✓ no's a little erratic
	C118N1-1	16:36	9.2	76	47	305	0.2		1.43	0.095	✓
	C118M1-1	17:00	8.98	88	1.5	7	0.4		1.94	0.0996	✓ 208Pb a little low
	C118K1-1	17:37	8.67	73	41.3	226	0.4		1.58	0.0947	✓
C118O	1-2	18:06	7.44	83	2.2	15.1	0.2		1.06	0.0882	196 0.002
	1-3	18:27	7.08	94	0.5	4.8	0.1		0.802	0.1001	
MG1	-3	18:49	8.83	101	0.6	11.9	0.1		0.470	0.0571	✓
BS1	1-1	19:12	10.9	0.3	5.3	9.8	0.3		0.5505	0.0573	✓
X1	1-3	19:58	8.76	90	54.3		0.4		1.4123	0.0962	✓
C118A	1-2	19:32	9.51	108	36.4	278	0.1		1.245	0.0726	✓
C118A	1-3	20:19		87	55.4	347	0.5		1.4650	0.0966	✓
C118A	2-2	20:41	8.81	82	57.7	350	0.0		1.4521	0.0927	✓
C118E	1-2	21:03	9.36	69	10.8	299	0.5		0.3384	0.0894	✓
C118E	1-3	21:24	9.14	8.5	8.5	289	1.0		0.2689	0.0884	✓
C118F	1-3	21:46	8.96	81.8	50.1	285	0.4		1.58	0.098	

CONTINUED ONTO K-PIKE2 C-53 & C-107