

UWA SHRIMP DATA LOG

Date 3/5/01 UWA Mount No. B-04 Whose sample? NK Operator(s) IF + NK

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 = for O⁻; = for O₂⁻; = for NO⁻

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

aperture = 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 = 204-bkg = 204-206 =

206-207 = 206-208 =

Primary-epoxy = nA Primary-CZ3= nA PESABM-CZ3 = pA

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

Comments:

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

Rejection over-ride	Sample/ Std ID	Time - printout	UO/U	196 Kcps	206 Kcps	U ppm	204Pb ppb	f ₂₀₆ %	Age ±1σ (Ma) 206/238	207/206	Offsets OK?
	STD C2357-1	11.39	6.7931	2.7	2.8	238	-0.0	0.0017	572	513	✓
	STD C2357-2	12.01	6.7931	2.7	2.7	228.3	-0.1		568.64	552.19	✓
	B04-1	12.20	6.7931	2.6	4.3	59.8	0.6	0.0003	3628.93	2943.52	✓ 11.60
	B04-2	12.35	6.7931	2.7	2.6	28.8	0.6	0.00055	3623.8	3433.8	✓ 10.30
	B04-3	12.53	6.7931	2.7	3.0	36.7	0.3	0.00024	3304.86	3216.08	✓ 12.30
	B04-4	13.08	6.7931	2.7	2.7	29.4	0.1	0.0001	3527.42	3447.65	✓ 10.36
	B04-5	13.22	6.7931	2.9	3.5	37.0	1.1	0.00079	3511.50	3436.35	✓ 9.19
	STD C2348-1	13.38	6.7931	2.6	2.8	237.5	-0.4	0.00030	569.606	578.255	✓ 12.67

Should be B04-1

HFO
2720

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?	MPO/202
	B04-6	13.52	6.7931	2.6	1.9	24.4	-0.6	0.00074	3115.42	2973.15	✓	10.78
	B04-7	14.06	6.7931	2.7	3.8	85.7	1.9	0.00110	2036.48	3049.00	✓	9.63
	B04-8	14.19	"	2.7	1.5	19.7	0.6	0.00098	3121.39	3005.37	✓	9.83
	B04-9	14.33	"	2.6	9.3	121.6	-0.1	0.00002	3014.58	3412.21	✓	7.75
	B04-10	14.47	6.7931	2.8	2.9	35.7	-0.3	0.00029	3091.52	3453.22	✓	8.79
	B04-11	15.01	6.7931	2.8	6.1	88.6	1.6	0.00066	2702.66	3374.16	✓	9.13
	B04-12	15.14	6.7931	2.7	1.5	16.4	-0.9	0.00140	3482.38	3434.48	✓	10.64
STD	C23.48-2	15.28	6.7931	2.8	2.8	229.1	-0.2	0.00018	569.69	555.76	✓	12.20
	B04-13	15.42	6.7931	2.6	5.0	70.8	0.5	0.00025	2910.27	2876.5	✓	9.49
	B04-14	15.56	6.7931	2.7	3.4	43.7	0.1	0.00009	3078.66	3075.98	✓	8.18
	B04-15	16.10	6.7931	2.7	1.0	12.9	-0.8	0.00184	3047.93	3003.57	✓	9.95
	B04-16	16.24	6.7931	2.6	2.1	23.6	0.3	0.00033	3426.88	3431.16	✓	9.49
	B04-17	16.38	6.7931	2.6	2.0	25.7	-0.3	0.00031	3107.29	2987.54	✓	10.43
	B04-18	16.52	6.7931	2.6	1.2	16.3	1.3	0.00246	2975.84	2854.79	✓	10.93
	B04-19	17.07	6.7931	2.6	3.1	52.1	3.00	0.00163	3242.85	3029.59	✓	9.76
STD	C23.48-3	17.20	6.7931	2.6	2.7	232.7	-0.2	0.00017	569.699	522.63	✓	
	B04-20	17.35	6.7931	2.5	7.6	110.8	0.3	0.00009	2708.99	3028.86	✓	10.47
	B04-21	17.48	6.7931	2.6	3.8	51.1	-0.4	0.00028	2914.05	2895.84	✓	9.54
	B04-22	18.01	6.7931	2.6	2.5	30.7	0.6	0.00060	3139.53	3066.49	✓	9.45
	B04-23	18.16	6.7931	2.7	3.3	41.6	0.7	0.00052	3148.21	3067.73	✓	8.93
	B04-24	18.29	6.7931	2.6	5.3	66.9	-0.5	0.00024	3087.08	3067.37	✓	8.50
	B04-25	18.42	6.7931	2.7	5.0	62.2	-0.1	0.00005	3073.43	3068.35	✓	8.51
	B04-26	18.56	6.7931	2.7	9.6	10.3	0.5	0.00128	3582.18	3430.85	✓	8.76
STD	C23.48-4	19.10	6.7931	2.5	2.8	240.8	-0.2	0.00015	567.17	550.87	✓	
	B04-27	19.24	6.7931	2.7	3.4	57.0	0.1	0.00011	2399.60 3139.29	3139.29	✓	9.03

Mount/sample No: B-04

Date: 3/5/01

Page No: 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?	H ₂ O / 20
	B04-28	19.37	6.7931	2.7	2.9	33.4	0.6	.00051	3385.23	3403.47	✓	10.46
	B04-29	19.51	6.7931	2.8	3.2	33.7	-0.0	.00003	3538.78	3422.50	✓	8.36
	B04-30	20.04	6.7931	2.7	2.5	30.3	-0.8	.00078	3153.36	3085.54	✓	10.38
	B04-31	20.17	6.7931	2.5	2.4	628.3	64.1	.00666	1611.99	2527.33	✓	
	B04-32	20.31	6.7931	2.8	3.2	34.3	-0.4	.00031	3428.23	3430.23	✓	8.93
	B04-33	20.46	6.7931	2.7	1.7	22.3	0.6	.00082	3095.74	3075.59	✓	8.37
STD	C23-48-5	21.00	6.7931	2.8	2.6	220.5	0.5	.00044	556.92	521.18	✓	
	B04-34	21.14	6.7931	2.7	3.6	38.6	-0.2	.00012	3373.35	3466.20	✓	8.54
	B04-35	21.30	6.7931	2.7	2.9	40.8	-0.7	.00059	2866.51	2911.89	✓	8.81
	B04-36	21.45	"	2.8	2.2	26.7	-0.1	.00010	3107.03	3049.38	✓	6.86
	B04-37	22.06	6.7931	2.6	2.6	29.9	-0.0	.00000	3479.47	3419.96	✓	10.15
	B04-38	23.22	6.7931	3.6	3.3	46.2	0.6	.00041	3143.96	3315.37	✓	8.09
	STD C23-72-1	23.36	6.7931	2.9	2.6	218.5	-0.1	.00013	556.36	588.46	✓	
	STD C23-72-2	23.49	6.7931	2.7	2.4	219.2	1.7	.00152	565.52	486.14	✓	
	STD B04-39	00.03	6.7931	2.7	2.6	224.1	0.1	.00013	553.90	544.96	✓	
	B04-40	00.18	6.7931	2.7	2.6	34.3	0.3	.00023	3083.37	3063.28	✓	9.37
	B04-41	00.33	6.7931	2.7	4.00	52.6	0.3	.00018	3017.19	3082.22	✓	9.94
	B04-42	00.48	6.7931	2.6	7.5	97.1	0.3	.00009	3008.54	3077.87	✓	9.09
	B04-43	01.01	6.7931	2.7	1.0	13.6	0.6	.00149	2985.97	2890.95	✓	10.17
	B04-44	01.14	6.7931	2.5	3.1	41.7	-0.5	.00034	3091.20	3087.20	✓	8.61
	B04-45	1.28	6.7931	2.7	2.0	24.2	0.0	.00006	3035.67	3057.66	✓	9.12
	B04-46	01.41	6.7931	2.8	1.4	14.7	0.8	.00140	3514.49	3389.21	✓	8.84
	B04-47	1.55	6.7931	2.7	4.3	54.6	0.4	.00022	3042.82	3066.67	✓	9.77
STD	C23-72-3	2.09	6.7931	2.8	2.5	219.5	-0.2	.00016	562.53	548.47	✓	
	B04-48	2.24	6.7931	2.8	6.0	112.5	3.0	.00140	1980.71	3178.71	✓	10.15

look most prob. deeper due to pits & magnet

A STD!!

Mount/sample No: B-04 Date: 3/5/01 Page No: 4

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?	
	B04-49	2.38	6.7931	2.7	4.3	66.1	2.7	.00153	2619.72	3056.42	✓	9.80
	B04-50	2.52	6.7931	2.8	5.8	62.2	-0.4	.00019	3414.79	3441.33	✓	11.02
	B04-51	3.05	6.7931	2.6	5.1	61.3	0.5	.00024	3240.65	3421.65	✓	9.74
	B04-52	3.19	6.7931	2.7	2.9	36.0	1.7	.00142	3080.56	3393.86	✓	8.64
	B04-53	3.34	6.7931	2.7	5.7	79.2	-1.2	.00052	2816.59	2889.25	✓	8.20
	B04-54	3.47	6.7931	2.8	9.8	40.3	0.9	.00289	869.54	2720.71	✓	6.90
STD	C23-72-4	4.01	6.7931	2.8	2.6	222.6	-0.3	.00028	544.59	560.10	✓	
	B04-55	4.16	6.7931	2.8	1.2	15.1	1.3	.00257	3037.97	3051.32	✓	9.17
	B04-56	4.29	6.7931	2.8	2.2	24.0	0.8	.00087	3482.68	3423.70	✓	10.14
	B04-57	4.42	6.7931	2.7	9.6	188.7	3.8	.00103	1994.71	3131.39	✓	11.62
	B04-58	4.55	6.7931	2.8	2.4	26.8	0.9	.00092	3414.19	3436.12	✓	10.73
	B04-59	5.08	6.7931	2.7	2.1	23.2	0.4	.00049	3405.27	3439.68	✓	8.33
	B04-60	5.21	6.7931	2.8	4.0	44.3	-0.6	.00039	3418.74	3426.80	✓	9.92
	B04-61	5.34	6.7931	2.7	1.8	19.8	-0.5	.00061	3455.17	3443.97	✓	7.34
STD	C23-72-5	5.48	6.7931	2.5	2.5	231.7	0.3	.00024	542.99	572.17	✓	12.53
	B04-62	6.01	6.7931	2.8	3.2	43.6	0.6	.00039	3045.31	3014.15	✓	9.43
	B04-63	6.14	6.7931	2.7	2.4	31.7	0.5	.00050	3028.23	3076.35	✓	8.78
	B04-64	6.27	6.7931	2.8	9.3	180.8	21.6	.00749	1664.81	2885.73	✓	
	B04-65	6.40	6.7931	2.8	2.3	28.1	0.4	.00039	3019.24	3076.79	✓	7.82
	B04-66	6.54	6.7931	2.8	3.4	37.4	1.4	.00102	3377.65	3419.52	✓	9.11
	B04-67											

HFO
2/20