

FOLLOW ON FROM A-23

Rift = 10 mins
 Plans =
 Tables =
 Misc =

UWA SHRIMP DATA LOG

Date: 16/6/00 UWA Mount No.: A-18 Whose sample?: KRAPEZ/GAVIN Operator(s): IRF/AP

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* 30/20* 10 ✓ 5 ✓ 5 ✓ 2 ✓
 Phanerozoic* Delay time (secs): 8 ✓ 3 ✓ 1 ✓ 2 ✓ 1 ✓ 1 ✓ 3 ✓ 2 ✓ 2 ✓

Steel: Wein volts / nA = 40 / 2.2 nA for N_2 ; = 48V / 1.25 nA for O_2 ; = for NO^-
2 epoxy. 1.15 epoxy.

dead-time = 32 nanosecs expected resolution = >4200 actual resolution = ~5000
can't be bothered... on holidays!

aperture = microns retardation lens = 0 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 = 8.170 204-bkg = 0.045 204-206 = 2.000
 206-207 = 1.000 206-208 = 2.000

Primary-epoxy = 1.15 nA Primary-CZ3 = 1.45 nA PESABM-CZ3 = pA

Raster time (mins): 1 Raster aperture (microns): 120 No. of scans: 5

To collect:
 Comments: B = 60 concordant analysis = black 2 nstd = 9 no rjns (rjn 1st scan 238, 622-1, B28-1; B40-1)
 A = 45 " " $\bar{\sigma}$ (slope 2) = 1.39% used this
 $(\bar{\sigma} < \text{Actual } 1.81) = 1.16\%$

No SBM

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?
	C2 1-5	18:49	7.00	8.1	978	220	3.0	.04	572 ± 1	531 ± 27	✓
	C2 1-6	19:05	6.99	8.5	1042	226	-ve	-	573 ± 1	620 ± 25	✓
	B. 1-1	19:24	6.69	8.5	831	32	2.6	.18	2970 ± 22	3016 ± 14	✓
	B. 2-1	19:41	6.86	8.8	1001	35	3.0	.19	2980 ± 21	3005 ± 13	✓
	B. 3-1	19:58	6.96	8.8	490	16	1.5	.20	2992 ± 30	3081 ± 18	✓
	B. 4-1	20:15	6.86	8.6	886	31	0.6	.04	3014 ± 22	3005 ± 14	✓
	C2 1-7	20:32	6.98	8.6	1000	219	-ve	.04	564 ± 1	580 ± 27	✓
	B. 5-1	20:52	6.99	8.4	2656	84	1.0	.02	3209 ± 14	3175 ± 7	✓

1 min raster
 ↓
 2 min raster.

Rejection over-ride	Sample/ Std ID	Time - printout	UO/U	196 Kcps	206 cps	U ppm	204Pb ppb	f206 %	Age ±1σ (Ma)		Offsets OK?
									206/238	207/206	
	B6-1	21:11	6.98	8.8	548	19	0.4	.05	2923 ± 27	2978 ± 16	✓
	B7-1	21:28	6.97	8.4	1861	66	3.5	.12	2951 ± 15	2929 ± 9	✓
	B8-1	21:45	6.66	8.8	1644	50	9.2	.30	3528 ± 21	3423 ± 9	✓
	B9-1	22:02	7.00	8.6	1144	38	0.8	.05	3050 ± 20	3101 ± 12	✓
	C23-1	22:20	7.05	8.5	1043	222	0.8	.06	572 ± 2	642 ± 74	✓
	B10-1	22:37	6.75	8.5	963	36	4.2	.25	3044 ± 22	2978 ± 14	✓
	B11-1	22:54	6.72	8.6	1176	43	3.0	.15	3048 ± 19	3056 ± 11	✓
	B12-1	23:11	7.00	8.6	710	22	3.0	.27	3192 ± 27	3188 ± 14	✓
	B13-1	23:28	6.73	8.5	893	32	0.6	.04	3158 ± 24	3076 ± 14	✓
	B14-1	23:45	6.76	8.5	700	25	1.5	.13	3117 ± 26	3065 ± 14	✓
	B15-1	24:02	6.69	8.6	1256	46	2.8	.13	3113 ± 19	2993 ± 12	✓
	C23-2	24:20	6.57	9.1	1000	245	4.0	.04	571 ± 1	583 ± 27	✓
	B16-1	24:37	6.95	8.8	582	18	3.5	.38	3227 ± 31	3256 ± 16	✓
	B17-1	24:53	6.79	8.5	1507	55	1.5	.06	3029 ± 17	3014 ± 10	✓
	B18-1	01:14	6.86	8.7	1116	36	2.0	.11	3170 ± 21	3032 ± 12	✓
	B19-1	01:30	6.99	8.4	606	22	-ve	.28	2858 ± 25	2938 ± 19	✓
	B20-1	01:47	7.19	8.5	1204	37	4.6	.26	3054 ± 20	3053 ± 12	✓
	B21-1	02:04	7.02	8.6	936	30	-ve	-	3099 ± 23	3050 ± 12	✓
	C23-3	02:24	6.42	9.4	995	251	0.9	.07	570 ± 1	519 ± 35	✓
	B22-1	02:42	6.69	8.8	819	31	2.3	.16	2963 ± 24	3008 ± 14	✓
	B23-1	02:59	6.41	8.7	361	15	6.9	1.00	3006 ± 34	2844 ± 25	✓ x
	B24-1	03:16	6.67	8.9	1561	53	6.4	.23	3215 ± 18	3206 ± 10	✓
	B25-1	03:32	6.70	8.8	932	35	2.1	.13	3009 ± 21	2997 ± 13	✓
	B26-1	03:49	6.79	8.7	1309	44	-ve	-	3164 ± 19	3135 ± 10	✓
	B27-1	04:05	6.86	8.6	837	28	4.1	.30	3121 ± 24	3120 ± 14	✓

el scan 1 U238 →

Age = 2930 - 3300.

