

UWA SHRIMP DATA LOG

Date: i-8-00 UWA Mount No.: A-37 Whose sample? Operator(s): IF, MG.

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 = 32 nanosecs expected resolution = >4200 actual resolution = 5336

aperture = 100 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 = 8.171 204-bkg = 0.045 204-206 = 1.999

206-207 = 1.000 206-208 = 2.000

Primary-epoxy = nA Primary-CZ3 = 4-0 nA PESABM-CZ3 = pA

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

Comments:

Rejection over-ride	Sample/ Std ID	Time - printout	UO/U	196 Kcps	206 cps	U ppm	204Pb ppb	f ₂₀₆ %	Age ±1σ (Ma) 206/238	207/206	Offsets OK?
	Cz 2-13	22:00	6.41	20.8	2063	220	-ve	-	572	554	
	Cz 2-14	22:20	6.50	21.4	2210	213	0.1	.01	588	577	✓
	A51-1	22:37	6.42	21.2	3902	85	0.4	.02	2369	2307	✓
	A52-1	22:55	6.66	20.9	2687	59	0.1	.01	2160	2022	✓
	A53-1	23:12	6.48	21.5	3998	84	0.8	-.03	2352	2311	✓
	Cz 2-15	23:29	6.60	20.5	2299	216	0.8	.07	597	581	✓
	A54-1	23:46	6.62	21.0	4011	91	0.5	.02	2108	2053	✓
	A55-1	00:02	6.66	22.5	12259	312	7.3	.11	1784	1927	✓

Rejection override	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?
	<i>Scan 1</i> A.56-1	00:21	6.93	21.0	8828	176	6.1	.13	2112 2424	✓
	CZ.2-16	00:38	6.43	21.7	2210	221	1.1	.09	576 566	✓
	A.57-1	00:56	6.65	20.7	5097	67	-ve	-	3247 3157	✓
	A.58-1	01:12	6.59	20.9	1316	30	0.1	0.02	2139 2064	✓
	A.59-1	01:27	6.32	21.5	6616	129	0.0	-	2665 2632	✓
	CZ.2-17	01:44	6.47	21.3	2257	221	0.9	.07	586 555	✓
	A.60-1	02:01	6.57	21.0	4495	167	0.2	.01	2072 2023	✓
	A.61-1	02:17	6.86	22.2	10442	240	7.9	.15	1819 2110	✓
	<i>Scan 1</i> A.62-1	02:35	6.71	20.9	2624	58	0.4	.02	2098 2035	✓
	CZ.2-18	02:52	6.48	21.1	2138	219	0.7	0.06	564 578	✓
	A.63-1	03:10	6.39	21.6	6296	119	0.9	0.02	2643 2623	✓
	A.64-1	03:25	6.62	20.9	5525	105	0.6	0.02	2470 2448	✓
	A.65-1	03:42	6.54	21.0	1099	25.6	-ve	-	2134 2024	✓
	CZ.2-19	04:04	6.34	21.9	2230	229	-ve	-	581 547	✓
	A.66-1	04:20	6.52	21.4	1129	25.1	-ve	-	2209 2151	✓
	A.67-1	04:37	6.36	21.6	3433	70.4	0.7	0.03	2505 2471	✓
	A.68-1	04:53	6.19	25.5	7644	158	3.3	0.06	2323 2644	✓
	<i>Scan 1</i> CZ.2-20	05:10	6.30	22.1	2216	230	0.9	0.07	581 539	✓
	A.69-1	05:27	6.63	23.1	9743	177	2.2	0.04	2354 2583	✓
	A.70-1	05:43	6.41	22.6	6305	196	10.8	.27	1642 2316	✓
	A.71-1	06:02	6.48	21.5	1213	20	0.3	.04	2805 2697	✓
	CZ.2-21	06:19	6.43	22.2	2309	223	-ve	-	585 580	✓
	A.72-1	06:37	6.42	22.0	951	16	-ve	-	2827 2713	✓
	A.73-1	06:54	6.42	23.6	13219	348	15.7	.20	1830 2082	✓
	<i>Scan 1</i> A.74-1	07:10	6.28	21.8	8410	194	0.6	.01	2328 2287	✓

V. non-
linear

Scan

