

— Follows 99-85 + 99-82 —

UWA SHRIMP DATA LOG

Date: 18/3/00 UWA Mount No.: 99-90 Whose sample?: McN Operator(s): 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 30/10 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 = 8.168 204-bkg = 0.045 204-206 =

206-207 = 1.000 206-208 = 2.000

Primary-epoxy = nA Primary-CZ3 = 3.2 nA PESABM-CZ3 = 49 pA

Raster time (mins): 1 Raster aperture (microns): 120 No. of scans: 4

Comments: 99-90A = detrital zircons = 8-24-99-5 (DeWitt's)
 (should be >1000 Ma)

None close to 1000 Ma. youngest popⁿ ~ 25++ Ma.

Total 43 unk. 210 stds.

1.32% / 10

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?
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	sl. 2-1	24:02	7.58	11.7	827	220	-ve	-	572 ± 1	545 ± 33	✓
	sl. 2-2	24:15	7.30	12.0	814	233	2.5	.20	579 ± 1	472 ± 51	✓
	A. 1-1	24:34	7.58	11.6	1305	53	0.6	.02	3088 ± 19	3043 ± 11	✓
	A. 2-1	24:46	7.49	11.4	469	22	-ve 0.77	.17	2861 ± 27	2674 ± 23	✓
	A. 3-1	1:00	7.15	11.5	894	49	1.7	.09	2790 ± 18	2638 ± 19	✓
	A. 4-1	1:12	7.35	11.6	1524	75	3.7	.12	2843 ± 15	2802 ± 12	✓
	sl. 2-3	1:25	7.41	11.6	818	229	2.7	.02	588 ± 1	488 ± 34	✓
	A. 5-1	1:37	7.45	11.2	2377	101	0	-	3183 ± 14	3041 ± 8	✓

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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?
	A 6-1	1:52	7.20	11.7	2096	125	4.6	.11	2520 ± 10	2542 ± 12	✓
	A 7-1	2:05	7.77	12.0	1711	87	11.1	.35	2379 ± 11	3300 ± 10	✓
	A 8-1	2:17	7.61	11.3	885	30	1.9	.10	3576 ± 28	3351 ± 13	✓
	A 9-1	2:30	7.35	11.6	781	38	-ve	-	2880 ± 21	2674 ± 16	✓
	sl 2-4	2:43	7.54	12.3	867	219	-ve	-	585 ± 1	603 ± 30	✓
	A 10-1	2:55	7.36	12.0	2466	130	2.3	.05	2607 ± 10	2539 ± 10	✓
	A 11-1	3:09	7.07	12.3	1248	57	1.7	.06	3128 ± 19	3007 ± 13	✓
	A 12-1	3:21	8.10	12.0	2678	114	3.0	.07	2514 ± 10	3275 ± 7	✓
	A 13-1	3:34	9.56	12.3	3904	303	27.5	.71	994 ± 2	2975 ± 8	✓
	A 14-1	4:04	7.04	13.0	2145	122	2.2	.05	2534 ± 10	2568 ± 10	✓
	sl 2-5	4:17	7.36	12.1	871	233	0.5	.04	598 ± 1	597 ± 32	✓
	A 15-1	4:32	7.77	10.8	302	31	9.6	1.68	1409 ± 12	2887 ± 42	✓
	A 16-1	4:49	7.91	12.1	909	44	4.7	.30	2367 ± 15	3280 ± 14	✓
	A 17-1	5:02	7.46	12.0	316	11	-ve	-	3457 ± 44	3364 ± 21	✓
	A 18-1	5:15	7.33	12.1	792	30	-ve	-	3421 ± 27	3293 ± 13	✓
	A 19-1	5:28	7.26	11.5	719	40	-ve	-	2666 ± 19	2525 ± 17	✓
	sl 2-6	5:41	7.44	12.0	847	230	0.4	.03	580 ± 1	518 ± 34	✓
	A 20-1	5:53	7.45	11.5	1097	54	0.3	.01	2775 ± 17	2649 ± 14	✓
	A 21-1	6:06	7.26	11.5	515	21	1.0	.08	3436 ± 34	3244 ± 20	✓
	A 22-1	6:20	7.50	11.6	1578	83	0.8	.03	2587 ± 13	2565 ± 12	✓
	A 23-1	6:33	7.37	11.7	886	35	0.6	.03	3362 ± 25	3310 ± 13	✓
	A 24-1	6:45	7.21	12.1	1190	62	2.1	.09	2728 ± 15	2727 ± 13	✓
	sl 2-7	6:58	7.36	12.5	842	228	-ve	.04	574 ± 1	501 ± 34	✓
	A 25-1	7:12	7.34	11.3	395	17	0.6	.07	3249 ± 36	3008 ± 21	✓
	A 26-1	7:24	7.46	11.7	2122	109	2.7	.07	2622 ± 11	2535 ± 11	✓

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Rejection over-ride	Sample/ Std ID	Time - printout	UO/U	196 Kcps	206 cps	U ppm	204Pb ppb	f206 %	Age $\pm 1\sigma$ (Ma)		Offsets OK?
									206/238	207/206	
	A.27-1	7:37	7.19	11.9	715	28	2.6	.16	3474 \pm 29	3296 \pm 15	✓
	A.28-1	7:50	7.42	10.7	1257	51	1.9	.06	3440 \pm 22	3281 \pm 11	✓
	A.29-1	8:03	7.91	12.1	2599	106	13.7	.30	2710 \pm 11	3289 \pm 8	✓
	A.30-1	8:15	7.28	11.3	936	43	0.4	.02	3140 \pm 22	3021 \pm 13	✓
	sl.2-8	8:28	7.46	12.0	852	227	2.1	.07	584 \pm 1	519 \pm 33	✓
	A.31-1	8:41	7.32	11.9	888	34	2.5	.13	3471 \pm 26	3279 \pm 14	✓
	A.32-1	8:54	7.36	11.9	1718	91	0.9	.03	2619 \pm 12	2563 \pm 12	✓
	A.33-1	9:07	7.05	11.3	631	38	-ve	-	2707 \pm 21	2569 \pm 18	✓
	A.34-1	9:20	7.45	11.5	634	24	1.5	.11	3464 \pm 31	3320 \pm 15	✓
	A.35-1	9:34	7.26	11.7	1406	76	-ve	-	2680 \pm 14	2543 \pm 12	✓
	A.36-1	9:48	8.01	11.5	1996	87	6.8	.20	2617 \pm 12	2965 \pm 10	✓
	sl.2-9	10:02	7.31	12.5	890	232	-ve	.003	607 \pm 1	555 \pm 32	✓
	A.37-1	10:15	7.08	12.2	1352	54	9.4	.30	3481 \pm 21	3268 \pm 11	✓
	A.38-1	10:29	7.57	11.9	1053	37	1.3	.06	3409 \pm 24	3259 \pm 12	✓
	A.39-1	10:44	7.08	12.5	755	40	0.8	.05	2719 \pm 19	2542 \pm 17	✓
	A.40-1	10:56	7.16	12.2	1287	69	-ve	.14	2693 \pm 14	2510 \pm 15	✓
	A.41-1	11:09	7.48	12.5	653	25	0.0	-	3103 \pm 26	3067 \pm 16	✓
	A.42-1	11:21	7.29	12.6	2794	108	1.0	.02	3272 \pm 14	3167 \pm 8	✓
	A.43-1	11:34	7.34	12.0	1776	94	1.9	.06	2617 \pm 12	2546 \pm 12	✓
	sl.2-10	11:47	7.28	13.0	913	243	0.3	.01	579 \pm 1	563 \pm 31	✓