

follows for 99-41

UWA DATA LOG: SHRIMP ZIRCON U-Pb

Date	UWA Mount No.	Whose sample?		Operator(s)
21/9/99	99-29	M. Doyle		McN + Doyle

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	

expected 196-204 = 8.170 amu expected 204-bkg = 0.045 amu Dead-time = nanosecs
 actual 196-204 = actual 204-bkg = expected resolution = >4200
 actual 206-207 = actual 206-208 = actual resolution =
 Primary = nA PESABM = pA actual Primary : PESABM (= 50:1) =
 Raster time (mins):/..... Raster aperture (microns): No. of scans: 44

Comments:

B = R20478

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?
	sl.7-1	21:36	6.59	16.9	2001	204	-	-	570 ± 1	513 ± 33	✓
	B.1-1	22:02	6.99	16.3	139	30	3.3	5.3	228 ± 4	-	✓
	B.2-1	22:17	6.70	16.6	793	128	122	30.2	249 ± 5	-	✓
	B.3-1	22:31	6.39	16.1	194	56	1.2	0.97	236 ± 3	569 ± 317	✓
	B.4-1	22:48	6.69	14.8	1009	283	1.9	0.34	231 ± 1	-	✓
	sl.7-2	23:00	6.69	16.8	1944	192	1.0	0.1	563 ± 1	545 ± 45	✓
	B.5-1	23:14	6.88	15.4	493	122	0.9	0.34	232 ± 1	-	✓
	B.6-1	23:26	6.79	16.3	177	44	0.4	0.4	229 ± 2	-	✓
	B.7-1	23:41	6.43	15.2	113	31	0.8	0.90	258 ± 4	-	✓
	B.8-1	23:56	7.04	16.1	374	84	0.2	0.10	228	-	✓
	sl.7-3	00:11	6.48	16.4	1829	205	0.3	0.03	562 ± 1	445 ± 38	✓

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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) 206/238	207/206	Offsets OK?
	B.9-1	00:24	6.5	16.7	273	69	2.8	1.4	242 \pm 1	-	✓
	B.10-1	00:38	6.6	16.4	302	77	0.1	0.03	233	-	✓
	B.11-1	00:56	6.85	15.3	497	114	0.6	0.30	254 \pm 1	222 \pm 72	✓
	B.12-1	1:11	6.42	13.5	302	111	1.3	0.61	220 \pm 2	-	✓
	B.13-1	1:24	6.98	16.2	1046	160	0.4	0.07	341 \pm 1	-	✓
	sl.7-4	1:42	6.42	17.7	1950	209	0.9	0.09	561 \pm 1	526 \pm 39	✓
	B.14-1	1:55	6.57	16.7	97	25	-	-	338 \pm 1 234 \pm 1	338 \pm 100	✓
	B.15-1	2:08	7.0	16.2	195	45	0.8	0.72 224 \pm 2	-	-	✓
	B.16-1	2:21	6.8	16.2	933	234	-	-	225 \pm 1	327 \pm 51	✓
	B.17-1	2:35	6.6	16.3	572	127	0.9	0.29	278 \pm 1	179 \pm 96	✓
	B.18-1	2:47	6.8	16.16	97	25	1.6	0.25	217 \pm 4	-	✓
	sl.7-5	3:01	6.7	16.5	1909	198	-	-	554 \pm 1	566 \pm 33	✓
	B.19-1	3:14	6.8	16.1	196	47	0.6	0.72 238 \pm 2	-	-	✓
	B.20-1	3:28	6.8	16.3	399	98	-	-	228 \pm 1	-	✓
	B.21-1	3:41	6.8	15.4	332	82	0.5	0.3	239 \pm 1	-	✓
	B.22-1	3:54	7.05	15.9	1381	260	-	-	275 \pm 1	-	✓
	B.23-1	4:09	6.52	16.5	456	121	-	-	238 \pm 1	-	✓
	sl.7-6	4:22	6.80	16.3	1962	191	-	-	562 \pm 1	-	✓
	B.24-1	4:34	6.53	13.1	605	219	0.5	0.1	218 \pm 1	-	✓
	B.25-1	4:46	6.75	14.8	510	112	0.8	0.28	287 \pm 1	-	✓
	B.26-1	5:00	6.79	15.9	890	232	0.6	0.13	223 \pm 1	278 \pm 53	✓
	B.27-1	5:13	6.9	16.2	176	36	-	-	266 \pm 1	-	✓
	B.28-1	5:26	6.8	16.5	202	46	0.6	0.46	239 \pm 2	-	✓
	sl.8-7	5:40	6.8	16.4	2071	197	0.8	0.08	570 \pm 1	-	✓
	B.29-1	5:53	6.8	16.2	417	100	1.1	0.03	237 \pm 1	-	✓

