

Follow on From 99-65

UWA SHRIMP DATA LOG

Date: 25-26/2/00 UWA Mount No.: 99-71 Whose sample?: Titanites Bill Oliver/AGSO Operator(s): JF/AP

Indicate any change to the following: 1969 204 bkg 206 207 208 238 248 254 270

Precambrian Count time (secs): 2 10 10 10/20\* 30/10\* 105 5 52 2 2  
 Phanerozoic\* Delay time (secs): 8 3 1 2 1 1 3 24 2 3

Steel: Wein volts / nA = ..... for O<sup>-</sup>; = ..... for O<sub>2</sub><sup>-</sup>; = ..... for NO<sup>-</sup>

dead-time = 32 nanosecs expected resolution = >4200 actual resolution = 4885

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 = 4.136 204-bkg = 0.045 204-206 = 1.999

206-207 = 1.000 206-208 = 2.000

Primary-epoxy = ..... nA Primary-CZ3 = 3.4 nA PESABM-CZ3 = 120 pA

Raster time (mins): 2 Raster aperture (microns): ..... No. of scans: 6

Comments:

Rejection over-ride	Sample/ Std ID	Time - printout	UO/UO	199 Kcps	206 cps	UO <sub>2</sub> ppm	204Pb ppb	f <sub>206</sub> %	Age ± 1σ (Ma)	Offsets OK?	
									206/238 70	207/206	
	Kh.4-18	21:35	0.945	1927	3132	22.6	1.0	0.50	0.1388	500 ± 30	✓
	Kh.4-19	21:52	0.958	1818	3119	22.9	1.4	0.79	0.1361	478 ± 34	✓
	uA.7-5	22:13	0.985	2492	493	2.1	0.0	-	0.2311	832 ± 29	✓
	uA.2-2	22:32	0.949	2376	882	3.9	0.1	-	0.2273	895 ± 22	✓
	uA.9-2	22:56	1.003	2413	504	2.2	0.1	0.11	0.2268	821 ± 47	✓
	Kh.4-20	23:16	0.954	1909	3144	22.7	1.0	0.52	0.1383	504 ± 29	✓
	uA.8-2	23:35	0.997	2509	408	1.7	0.1	0.15	0.2360	727 ± 70	✓
	uA.10-2	23:54	0.990	2496	522	2.2	0.1	-	0.2360	856 ± 28	✓

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Rejection over-ride	Sample/ Std ID	Time - printout	UO/UO 2 1969 Kcps	206 cps	UO <sub>2</sub> ppm cps	204Pb ppb cps	f <sub>206</sub> %	Age ± 1σ (Ma) 206/238 70	207/206	Offsets OK?	
	B.1-2	24:14	0.968	1806	8086	9.3	3.9	0.65	0.8691	2613 ± 9	✓
	B.2-2	24:32	0.943	1774	5355	6.3	3.6	0.90	0.8545	2623 ± 10	✓
	kh 3-1	24:51	0.948	1975	3238	23.0	1.0	0.46	0.1406	513 ± 28	✓
	B.3-2	1:09	0.945	1821	8073	9.4	2.8	0.48	0.8615	2622 ± 8	✓
	B.4-2	1:27	0.940	1816	5589	6.5	2.5	0.62	0.8539	2614 ± 9	✓
	kh.3-2	1:45	0.949	1875	3113	22.3	1.2	0.65	0.1399	452 ± 33	✓
	B.5-1	2:04	0.941	1829	2834	3.3	1.8	0.87	0.8661	2584 ± 12	✓
	B.6-1	2:22	0.963	1837	8000	9.2	2.4	0.41	0.8708	2616 ± 8	✓
	B.7-1	2:40	0.979	1816	6957	8.1	2.2	0.42	0.8636	2631 ± 8	✓
	kh 3-3	3:00	0.934	1866	3135	22.3	1.3	0.68	0.1406	505 ± 32	✓
	B.8-1	3:22	0.937	1833	2883	3.3	3.2	2.48	0.8838	2615 ± 16	✓
	B.9-1	3:39	0.925	1729	5693	6.6	2.6	0.62	0.8604	2610 ± 9	✓
	kh 3-4	3:56	0.962	1892	3157	22.9	0.9	0.41	0.1377	569 ± 29	✓
	B.10-1	4:15	0.961	1747	7971	9.0	4.8	0.81	0.8823	2627 ± 9	✓
	B.11-1	4:32	0.925	1755	6035	7.0	2.6	0.55	0.8678	2610 ± 9	✓
	Rh 3-5	4:49	0.931	1816	3046	22.0	1.0	0.53	0.1382	501 ± 30	✓
	B.12-1	5:06	0.954	1774	6500	7.3	9.3	1.95	0.8902	2637 ± 11	✓
	B.13-1	5:23	0.941	1703	6138	7.1	2.1	0.47	0.8617	2644 ± 9	✓
	kh 3-6	5:40	0.941	1828	3145	23.2	0.9	0.45	0.1359	530 ± 27	✓
	B.14-1	5:57	0.940	1779	7863	9.0	3.3	0.57	0.8717	2636 ± 9	✓
	B.15-1	6:15	0.944	1782	5678	6.6	2.0	0.47	0.8591	2633 ± 9	✓
	kh 4-21	6:32	0.926	1864	3121	21.7	2.6	1.45	0.1438	473 ± 44	✓
	<del>B.16-1</del>	Computer Crashed									
	<del>B.17-1</del>	1° Errors etc.									
		No 2°.									