

Follows 96-12

UWA DATA LOG: SHRIMP ZIRCON U-Pb

Date: 8/3/98 UWA Mount No.: 97-37 Whose sample?: YQ Operator(s): M, N & YQ

Indicate any change to the following:	196	204	bkg	206	207	208	238	248	254
Precambrian Count time (secs):	2	10	10	20	20	10	5	5	2
Phanerozoic* Delay time (secs):	78	3	1	2	1	1	3	2	2

as per 96-12

expected 196-204 = 8.170 amu expected 204-bkg = 0.040 amu Dead-time = 32 nanosecs
 actual 196-204 = actual 204-bkg = expected resolution = >4200
 actual 206-207 = actual 206-208 = actual resolution = 3080
 Primary = nA PESABM = pA actual Primary : PESABM (= 50:1) =
 Raster time (mins): 1 Raster aperture (microns): 100 No. of scans: 5

Comments: C = DSH-1 $\lambda_{std} = 9$ % error = 1.07
 The same clay ^{as for} 96-12. (Actual slope = 1.92; $\sigma = 1.07$)

Rejection over-ride	Sample/Std ID	Time - printout	UO/U	196 K cps	206 cps	U ppm	204Pb ppb	f206 %	Age ±1σ (Ma) 206/238 207/206	Corr.
	51.7-1	17:42	6.52	18.7	2372	220	0.7	.01	572 ± 1 594 ± 20	208
	51.6-1	17:58	6.48	19.3	2423	220	0.9	0	578 593	208
	U37C-1	18:14	6.67	18.4	7670	1670	88	1.97	232 363	208
	C 2-1	18:30	6.76	18.2	4272	888	15.9	.4	244 275	208
	2B-1	18:46	6.55	18.6	3708	876	3.2	.18	228 240	208
	4-1	19:05	7.01	17.6	8076	1599	2.2	.07	236 233	208
	4-2	19:19	6.57	18.6	541	183	8.1	3.4	197 50	208
	51.6-2	19:35	6.47	19.4	2420	222	0.2	.01	570 544	208
	5-1	19:51	6.78	16.4	1559	366	0.1	.01	236 152	208
	39-1	20:05	6.88	18.6	519	110	1.3	.6	218 2.	208
	51.6-3	22:24	6.68	18.99	2511	212	0.3	.03	576 559	208

delete scans for 207→254
delete scans for A

PD1

1
↓ PD2
Quit ACCQ

Rejection over-ride	Sample/ Std ID	Time - printout	UO/U	196 cps	206 cps	U ppm	204pb ppb	f206 %	Age ±1σ (Ma) 206/238	207/206	Corr.
	C7-1	20:39	6.86	18.85	538	114	0.1	.005	220	227	208
	C42-1	20:53	6.71	17.4	1799	436	1.2	—	222	217	—
	C8-1	21:07	6.36	6981	571	409	2.3	.02	221	169	208
	C41-1	21:23	6.76	9.67	224	92	1.3	.12	229	188	208
	SL6-4	21:39	6.40	19.4	2400	220	0.2	.02	582	487	204
	C42-1	21:54	6.74	18.	924	210	1.7	.08	226	240	208
	C43-1	22:08	6.55	18.1	888	221	1.9	.4	223	57	204
	C44-1	22:26	6.6	18.4	1763	410	0.0	.04	230	—	204
	C45-1	22:40	6.82	15.3	1178	295	0.8	.13	232	220	204
	SL6-5	23:03	6.43	19.3	2445	223	1.0	.08	587	536	204
	C46-1	23:18	6.5	18.6	851	209	2.8	.185	223	0	208
	C47-1	23:32	6.73	16.7	1625	383	0.7	.1	233	134	204
	C48-1	23:47	6.55	14.9	2302	640	6.	.44	242	—	204
	C49-1	0:01	6.92	18.9	2857	546	7.5	.41	236	256	204
	C50-1	0:15	6.6	18.3	723	168	0.6	.12	231	150	208
	SL5-1	0:32	6.39	18.3	2280	232	1.9	.15	569	520	204
	C51-1	0:46	6.51	15.48	1891	564	0.2	—	223	192	—
	C52-1	1:00	6.76	18.1	1256	281	0.5	.09	226	200	204
	C53-1	1:14	6.64	18.5	689	158	1.6	.05	228	276	208
	SL5-2	1:34	6.5	17.9	2775	227	1.6	.12	570	503	204
	C54-1	1:49	6.76	16.8	445	109	1.0	.46	221	171	204
	C55-1	2:02	6.39	18.7	1039	275	0.8	.16	219	141	204
	C56-1	2:16	6.55	18.4	601	146	0.5	.17	226	266	204
	C57-1	2:30		17.9	307				225	114	204
	SL5-3	2:45	6.53	18.1	2274	220	0.	0	566	556	204

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PD3

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20

PD4

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del scan 1 for 196

PD5

Second page did not print out ←

