

UWA DATA LOG: SHRIMP ZIRCON U-Pb

Date: 2/7/99 UWA Mount No.: 97-42 Whose sample?: Gerti Operator(s): McW & AR.

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 = 32 nanosecs
 actual 196-204 = 8.165 actual 204-bkg = 0.045 expected resolution = >4200
 actual 206-207 = 1.000 actual 206-208 = 1.999 actual resolution = 558.2
 Epoxy ~~PF3~~ = 3.0 nA
 Primary = 4.0 nA PESABM = 42 pA actual Primary : PESABM (≈ 50:1) =
 Raster time (mins): 1 Raster aperture (microns): 120 No. of scans: 6

Comments:

nstd = 7 % (Slope 2) = 1.01%
 (Actual Slope = 1.98 % = 1.01%)

Rejection over-ride	Sample/ Std ID	Time - printout	UO/U Kcps	196 cps	206 cps	U ppm	204Pb ppb	f206 %	Age ±1σ (Ma)	Offsets OK?
									206/238 207/206	
	<u>sl.6-1</u>	<u>12:04</u>	<u>6.61</u>	<u>15.8</u>	<u>1888</u>	<u>220</u>	<u>-0.5</u>	<u>/</u>	<u>572±1 545±17</u>	<u>✓</u>
	<u>sl.6-2</u>	<u>12:22</u>	<u>6.66</u>	<u>16.2</u>	<u>1872</u>	<u>206</u>	<u>-0.3</u>	<u>/</u>	<u>577±1 547±17</u>	<u>✓</u>
	<u>C.14-4</u>	<u>12:44</u>	<u>6.82</u>	<u>15.4</u>	<u>4.0K</u>	<u>125</u>	<u>0.7</u>	<u>.03</u>	<u>1787±4 1742±9</u>	<u>✓</u>
	<u>sl.6-3</u>	<u>13:02</u>	<u>6.73</u>	<u>15.3</u>	<u>1885</u>	<u>214</u>	<u>0.5</u>	<u>.04</u>	<u>575±1 580±24</u>	<u>✓</u>
	<u>C.16-3</u>	<u>13:23</u>	<u>6.72</u>	<u>15.2</u>	<u>3.5K</u>	<u>147</u>	<u>6.3</u>	<u>.27</u>	<u>1470±3 1501±13</u>	<u>✓</u>
	<u>C.17-5</u>	<u>13:42</u>	<u>6.76</u>	<u>15.2</u>	<u>3.4K</u>	<u>112</u>	<u>0.3</u>	<u>.01</u>	<u>1796±5 1818±8</u>	<u>✓</u>
	<u>C.31-4</u>	<u>14:01</u>	<u>6.61</u>	<u>15.9</u>	<u>5294</u>	<u>258</u>	<u>2.7</u>	<u>.07</u>	<u>1283±2 1644±8</u>	<u>✓</u>
	<u>sl.6-4</u>	<u>14:19</u>	<u>6.60</u>	<u>15.9</u>	<u>1723</u>	<u>203</u>	<u>0.0</u>	<u>.00</u>	<u>561±1 616±17</u>	<u>✓</u>
	<u>C.39-4</u>	<u>14:40</u>	<u>6.43</u>	<u>16.3</u>	<u>2640</u>	<u>107</u>	<u>0.0</u>	<u>.00</u>	<u>1601±4 1653±10</u>	<u>✓</u>
①	<u>B.8-5</u>	<u>15:03</u>	<u>6.63</u>	<u>15.2</u>	<u>125K</u>	<u>612</u>	<u>0.9</u>	<u>.01</u>	<u>1317±1 1740±4</u>	<u>✓</u>
	<u>B.14-2</u>	<u>15:29</u>	<u>6.50</u>	<u>15.0</u>	<u>5720</u>	<u>296</u>	<u>0.6</u>	<u>.01</u>	<u>1271±2 1827±7</u>	<u>✓</u>

ANUSC regression

① 2.30ppm run-away stage.

Rejection over-ride	Sample/Std ID	Time - printout	UO/U	196 Kcps	206 cps	U ppm	204Pb ppb	f ₂₀₆ %	Age ±1σ (Ma)		Offsets OK?	
									206/238	207/206		
	S16-5	15:49	6.60	15.3	1771	210	0.6	.05	579±1	534±27	✓	
	B23-2	16:09	6.64	14.5	9875	424	156	2.1	1509±2	1742±13	✓	
	B24-2	10:29	6.67	16.3	2805	163K	268	22.7	1.3	645±1	1454±24	✓
	B15-2	16:48	6.41	15.4	7588	458	0.1	.00	1187±1	1666±6	✓	
	S15-1	17:09	6.51	15.0	1768	222	-1ve	-1ve	582±1	560±17	✓	
	B12-2	17:30	6.65	15.7	15.7K	543	11.8	.11	1735±2	1998±4	✓	
	B13-4	17:48	6.69	14.5	3442	185	-1ve	-1ve	1236±2	1542±9	✓	
②	B11-4	18:07	6.42	14.1	5747	208	1.5	.03	2012±4	2094±6	✓	
	B10-3	18:27	6.43	13.5	1023	40	0.4	.04	1947±10	2012±17	✓	
	S15-2	18:46	6.57	13.9	1686	223	1.1	.09	583±1	504±27	✓	
	Went on to mount 98-97											

② Worsening 1σ noisy 5:40pm

UWA DATA LOG: SHRIMP ZIRCON U-Pb

Date: 19/1/98 UWA Mount No. 97-42 Whose sample? Gerti F. Operator(s) IF + GF

Indicate any change to the following: 196 204 bkg 206 207 208 238 248 254

Precambrian Count time (secs): 2 ✓ 10 ✓ 10 ✓ 10 ✓ 20 ✓ 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 = 0.040 amu Dead-time = 32 nanosecs
 actual 196-204 = 8.168 actual 204-bkg = 0.045 expected resolution = >4200
 actual 206-207 = 1.000 actual 206-208 = 2.000 actual resolution = 4990
 Primary = 1.6 nA PESABM = 28 pA actual Primary : PESABM (= 50:1) = 57
 Raster time (mins): 1 Raster aperture (microns): 100 No. of scans: 5
 Sensitivity = 18

on zircon
True 1°
~1.4 nA

Comments: aperture is reduced (50 μm) probably to 70 μm
 ① 1° grew steadily for the first few hrs, to > 2 nA.
 Reduced it to ~2 nA. Thereafter steady.

Rejection over-ride	Sample/ Std ID	Time - printout	UO/U	196 k cps	206 cps	U ppm	204Pb ppb	f ₂₀₆ %	Age ±1σ (Ma) 206/238 207/206	Corr.
	SL-5-1	12:17	6.45	11.9	1251	220	1.2	0.02	—	493 208
	SL-5-2	12:35	6.41	13.6	1382	219	1.2	0.06	565 555	- -
	C.1-1	13:00	6.47	14.2	659	94	0.4	0.07	585 582	204
①	C.1-2	13:19	5.92	(15.1)	275	53	2.9	1.1	532 371	204
	C.1-3	13:36	6.16	12.3	628	117	0.8	0.1	602 519	204
	SL-5-3	13:52	6.76	11.3	1331	210	0.5	0.05	588 567	208
	C.1-4	14:09	6.16	11.6	607	119	0.1	0.01	610 550	204
rejected 1.00 + 1.220U	C.2-1	14:28	6.23	12.4	1520	258	0.2	0.01	631 655	204
	C.2-2	14:44	6.41	12.5	1286	208	0.4	0.03	603 599	204
	C.2-3	15:02	6.30	11.2	1755	341	0.3	0.01	588 552	204
	SL-5-4	15:17	6.20	11.7	1226	232	0.2	0.00	581 545	208

Mount/sample No: 97-42

Date: 19/1/98

Page No: 2

Rejection over-ride Sample/ Std ID Time - printout UO/U K cps 196 cps 206 cps U ppm 204Pb ppb f206 % Age ±1σ (Ma) 206/238 207/206 Corr.

Rejection over-ride	Sample/ Std ID	Time - printout	UO/U K cps	196 cps	206 cps	U ppm	204Pb ppb	f206 %	Age ±1σ (Ma) 206/238 207/206	Corr.
reject 3 ^o scan	C.3-1	15:37	6.49	11.1	509	88.5	0.5	0.05	612 520	208
rejected 1 ^o scan	C.3-2	15:35	5.91	11.9	2529	587	10.6	0.1	576 637	208
	C.12-1	16:20	5.74	13.7	408	79	0.6	0.1	654 540	204
	SL.6-1	16:36	6.79	11.8	1294	192	0.8	0.4	586 579	208
	C.12-2	16:55	6.40	12.0	3554	593	2.8	0.06	612 613	208
	C.13-1	17:15	6.64	12.1	1201	169	1.6	0.1	641 572	204
rejected 5 ^o scan	C.13-2	17:31	6.66	12.1	1822	267	1.1	0.07	612 549	204
	SL.6-2	17:49	6.44	12.6	1270	209	0.3	0.0	581 520	208
	C.50-1	18:05	6.64	12.0	1959	297	34.9	2.0	589 727	208
	C.50-2	18:22	6.65	11.2	1820	298	6.1	0.4	591 572	208
	C.21-1	18:48	6.28	11.7	2372	441	1.9	0.02	598 617	208
	SL.6-3	19:05	6.24	12.7	1240	225	-0.8	-	576 552	208
	C.20-1	19:25	5.89	12.3	1872	412	1.0	0.04	593 528	208
	C.20-2	19:42	6.37	12.8	318	50	1.8	0.6	607 390	204
rejected 5 ^o scan of UO	C.39-1	20:04	6.46	12.2	1605	124	1.7	0.0	1189 1244	208
	C.39-2	20:20	6.50	12.3	2154	334	-0.8	-	614 593	-
	SL.6-4	20:39	6.28	11.5	1131	220	0.9	0.00	581 602	208
	C.51-1	20:56	6.86	12.1	3685	636	570	19.8	388 738	204
	C.51-2	21:11	6.46	11.8	1278	221	9.9	0.8	580 631	204
	C.4-1	21:29	5.67	10.4	125	36.8	-	0.0	601 529	204
	SL.6-5	21:49	6.05	13.6	1207	226	0.3	0.0	580 605	208
rejected	C.6-1	22:12	6.43	11.3	151	25	1.3	0.8	637 421	204
maybe open top with epoxy	C.6-2	22:29	7.11	11.3	2048	263	1.4	0.05	616 547	208
	C.34-1	22:47	6.47	12.4	4946	736	11.7	0.2	638 572	208
	C.34-2	23:03	6.84	12.7	2370	310	3.4	0.2	585 589	208

Rejection over-ride Sample/Std ID Time - printout UO/U k cps 196 cps 206 cps U ppm 204Pb ppb f_{206} % Age $\pm 1\sigma$ (Ma) 206/238 207/206 Corr.

Rejection over-ride	Sample/Std ID	Time - printout	UO/U k cps	196 cps	206 cps	U ppm	204Pb ppb	f_{206} %	Age $\pm 1\sigma$ (Ma) 206/238	207/206	Corr.
	SL-6-6	23:21	6.01	13.0	1176	235	-0.7	-	576	541	-
	C.31-1	23:43	6.13	13.2	2225	388	-0.5	0.04	608	588	208
	C.31-2	00:00	6.35	12.9	3270	364	3.4	0.1	854	1216	204
	C.30-1	00:18	6.36	12.5	2156	343	-0.4	-	626	599	-
	C.30-2	00:35	6.44	12.5	2085	324	-0.5	-	620	658	-
	SL-6-7	00:52	6.52	12.5	1304	206	1.1	0.01	586	688	208
	C.52-1	01:12	6.87	12.8	1241	143	16.0	0.95	656	568	208
	C.52-2	01:27	6.57	12.5	2040	294	3.5	0.1	627	601	208
	C.17-1	01:45	6.70	11.6	3121	457	0.9	0.03	625	568	208
	C.17-2	02:01	6.78	12.7	2586	163	0.2	0.0	1213	1315	208
Print is missing!	SL7-3	^									
	SL-7-1	02:33	6.27	12.9	1293	219	1.6	0.1	595	498	208
	C.14-1	02:53	6.99	12.5	2092	175	17.9	3.1	853	728	208
	C.14-2	03:09	6.28	13.0	1759	283	0.4	0.02	618	589	204
rejected 1 ^o Tho	C.16-1	03:27	6.05	13.7	1690	181	1.5	0.7	966	1270	208
	SL7-2	03:47	6.33	13.2	1321	217	3.5	0.1	585	538	208
	C.16-2	04:36	6.19	13.4	2194	359	16.8	0.8	617	508	204
	C.16a-1	04:51	6.48	11.8	2902	476	0.9	0.04	607	626	208
rename because too long	C.16a-2	05:06	6.28	12.3	4795	805	1.6	0.03	626	586	204
C rejected 1 ^o 238	A-25-1	05:25	6.46	12.7	1750	371	1.3	0.08	447	431	204
A ↓	SL:7-3	05:41	6.27	13.0	1311	221	2.3	0.1	593	585	208
	A-25-2	05:57	6.48	12.1	1656	328	1.5	0.1	497	455	204
	A-27-1	06:17	6.38	12.4	1849	523	0.3	0.06	359	322	208
	A.27-2	06:33	6.45	12.2	515	100	-0.5	0.01	504	482	208
	A.17-1	06:53	6.67	12.2	2228	401	29.8	1.3	442	478	208

UWA DATA LOG: SHRIMP ZIRCON U-Pb

Date: 4/6/99 UWA Mount No.: 97-42 Whose sample?: Friedl Operator(s): JD/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	

expected 196-204 = 8.170 amu expected 204-bkg = 0.045 amu Dead-time = 32 nanosecs
 actual 196-204 = 8.166 actual 204-bkg = 0.045 expected resolution = >4200
 actual 206-207 = 1.000 actual 206-208 = 2.000 actual resolution = 5090

Primary = 2.5 (C23) / 1.8 (epoxy) nA PESABM = 28 pA actual Primary : PESABM (≈ 50:1) =
 Raster time (mins): 1 Raster aperture (microns): 120 No. of scans: 6

Comments: Many problems all day. Finally get started with good data ~ 5pm.

Follow on with 98-72 (Titanite)

Rejection over-ride	Sample/ Std ID	Time - printout	UO/U Kcps	196 cps	206 cps	U ppm	204Pb ppb	f206 %	Age ±1σ (Ma)	Offsets OK?	previous data
									206/238 207/206		
									A 204-corrected		
sl. 8-1	16:33	3.94	13.2	604.5	220	2.3	.19	571 ± 1	538 ± 62		
sl. 8-2	16:54	4.82	9.7	792	114	—	—	565 ± 1	570 ± 26	✓	
B. 11-3	17:17	4.77	10.1	7464	300	3.4	.05	1851 ± 3	2017 ± 5	✓	
sl. 8-3 re-start - changed 2° to ↑ sensitivity											
sl. 8-1	17:52	6.40	16.5	1514	220	0.4	.04	572 ± 1	483 ± 29		
sl. 8-2	18:12	6.44	14.3	1498	246	0.2	.02	573 ± 1	535 ± 22	✓	
B. 11-3	18:30	5.74	20.8	8047	390	0.9	.01	1768 ± 3	2025 ± 5	✓	2023 ± 10
B. 12-1	18:53	6.58	13.7	1212	185	2.2	.21	603 ± 1	619 ± 33	✓	
sl. 8-3	19:13	6.55	13.8	1533	244	1.4	0.11	580 ± 1	520 ± 33	✓	
sl. 8-4	19:45	6.81	13.1	1538	238	1.9	0.15	559 ± 1	556 ± 27	✓	
B. 13-3	20:06	6.37	14.0	4057	240	0.2	0.004	1551 ± 3	1852 ± 8	✓	1969 ± 17

stable 2.6 nA

Rejection over-ride 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?

Rejection over-ride	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?
	B. 8-4	20:30	5.96	13.6	864	77	1.4	0.12	1832 ± 5	1823 ± 20	✓ 1972 ± 7
	B. 24-1	20:48	6.78	15.0	4305	199	5.0	0.14	1531 ± 3	1994 ± 8	✓
	B. 23-1	21:08	6.67	13.7	2135	311	1.9	0.10	602 ± 1	756 ± 22	✓
	SL 8-5	21:26	6.35	14.1	1470	255	0.8	0.06	571 ± 1	646 ± 24	✓
	B. 15-1	21:46	6.42	14.2	2931	296	0.0	0.001	917 ± 1	1518 ± 10	✓
	C. 17-4	22:08	6.36	13.7	3098	231	1.0	0.03	1288 ± 3	1751 ± 11	✓ 1504 ± 16
	C. 16-2	22:26	6.30	13.5	1996	308	3.7	0.19	682 ± 1	633 ± 27	✓ 1350 ± 24
	SL 7-1	22:40	6.65	12.5	1493	248	0.3	0.02	584 ± 1	346 ± 24	✓
	SL 7-2	23:06	6.45	13.6	1496	254	0.2	0.01	576 ± 1	202 ± 28	✗ } check.
	SL 7-3	23:32	6.58	13.1	1505	253	0.6	0.04	567 ± 1	622 ± 24	✓
	C. 14-3	23:52	6.41	13.5	1148	66	1.7	0.14	1613 ± 7	1717 ± 19	✓
	C. 39-3	24:13	6.52	13.4	2554	149	2.0	0.08	1532 ± 4	1717 ± 11	✓
	31-3			ARC FELL OUT			1° MONITOR DIED				
	SL 6-1	1:28	6.64	13.0	1472	236	0.1	0.01	585 ± INF	549 ± INF	✓
	C. 31-3	1:48	6.53	13.4	1998	236	1.4	0.07	796 ± 1	1214 ± 15	✓
	SL 6-2	2:11	6.62	12.6	1458	243	0.1	0.01	586 ± 1	641 ± 22	✓
	SL 6-3	2:32	6.64	12.9	1434	231	-0.9	-	588 ± 1	563 ± 19	✓

1° v. stable 2.6nA

2° Spiking

1° slightly noisy
2° spiking! → ⊗
206 - 207/206 offset changed! Not picked in 2°

no spiking O.K.

Tuned 1° using 2° m PESA

⊗ Probs with 2°. 1° stable but 2° keeps spiking nothing appears to be different in 2° program. 2° spiking mainly during the first 3 scans

UWA DATA LOG: SHRIMP ZIRCON U-Pb

Date: 14/1/98 UWA Mount No. 97-42 Whose sample? Gerti Operator(s) McW + GF

Indicate any change to the following: 196 204 bkg 206 207 208 238 248 254

Precambrian ~~Phanerozoic~~ Count time (secs): 2 10 10 10 30/10 10 5 5 2
 Delay time (secs): 18 3 1 2 1 1 3 2 2

expected 196-204 = 8.170 amu expected 204-bkg = 0.045 amu Dead-time = 32 nanosecs

actual 196-204 = 8.168 actual 204-bkg = 0.045 expected resolution = >4200

actual 206-207 = 1.000 actual 206-208 = 1.999 actual resolution = 4990

Measured on Zircon Actual 10 = 1.0 nA Primary = 1.5 nA PESABM = pA actual Primary : PESABM (= 50:1) =

Raster time (mins): 1 Raster aperture (microns): 100 No. of scans: 5

Sensitivity = 15

Comments:

B = SPI

std → sl 742.3-1
 vnk → U 742.A3-2
 ↑ ↑ ↑
 population grain spot

Reduced Kikula aperture in use (50 μ)
 probably in use 70 μ
 (there is 50 μ)

Rejection over-ride	Sample/Std ID	Time - printout	UO/U Kcps	196 cps	206 cps	U ppm	204Pb ppb	f206 %	Age ±1σ (Ma) 206/238	207/206	Corr.
rest of all	sl. 3-1	11:27	6.90	7.7	762	220	2.6	.06	572 ± 1	509 ± 37	208
✓	sl. 3-2	11:43	6.89	7.6	724	220.5	3.4	.13	550 ± 1	484 ± 39	"
✓	B. 1-1	12:01	7.03	7.3	20K	49K	2.2	.01	676 ± 1	630 ± 7	204
overlap in epoxy	Deltek max. scan B. 1-2	12:16	6.73	5.5	844	369	12.8	.19	574 ± 1	652 ± 36	208
	sl. 3-3	12:32	7.02	7.4	731	210	2.5	.20	572 ± 1	650 ± 37	"
	B. 2-1	12:48	7.12	7.7	1773	474	1.5	.06	642 ± 1	602 ± 29	204
	B. 2-2	13:04	6.36	7.7	1228	436	3.9	.05	599 ± 1	622 ± 29	208
	B. 3-1	13:21	6.79	7.6	1383	8395	2.0	.03	616 ± 1	582 ± 28	"
	sl. 3-4	13:36	6.74	7.6	676	222	4.6	.49	549 ± 1	704 ± 39	"
	B. 3-2	13:59	6.92	7.9	654	181	1.2	0.21	573 ± 1	656 ± 41	"
overlap in epoxy	B. 4-1	14:21	6.22	7.7	575	215	2.7	0.19	600 ± 1	539 ± 44	"

* 1st unstable: look at data carefully!!

Mount/sample No: 97-42 Date: 14/1/97 Page No: 2

Rejection over-ride	Sample/ Std ID	Time - printout	UO/U K cps	196 cps	206 cps	U ppm	204Pb ppb	f206 %	Age ±1σ (Ma) 206/238 207/206	Corr.
	B.5-1	14:45	6.68	7.7	2927	851	2.7	0.055	620±1 583±20	204
	st. 3-5	15:08	6.35	7.7	618	236	3.8	0.36	552±1 511±42	208
	B.8-1	15:26	4.92	6.8	200	59	5.9	0.44	1874±11 1936±82	204
	B.8-2	15:41	5.52	7.6	2083	1267	5.3	0.079	563±1 606±24	204
	B.8-3	16:01	4.96	6.5	252	364	5.0	0.32	429±1 481±69	208
	SL.3-6	16:20	7.03	7.1	672	206	4.8	0.27	548±1 538±40	208
	B.11-1	16:39	6.47	8.3	6609	553	4.4	0.07	1980±4 2035±7	208
	B.11-2	17:13	6.19	11.5	3576	1041	2.4	0.047	529±1 578±19	204
	B.10-1	17:48	6.22	7.6	469	69	2.4	0.02	1443±2 1967±32	204
	SL.3-7	18:13	6.50	7.8	607	219	7.4	0.67	537±1 535±42	208
	B.10-2	18:38	7.21	3.3	805	1211	50	1.97	222±1 741±42	208
	B.13-1	19:15	6.96	4.4	1272	159	1.3	0.035	1984±9 1969±18	204
	SL.3-8	19:50	6.91	6.7	656	217	10.5	0.82	560±1 513±42	208
	B.13-2	20:06	6.99	7.2	2158	646	4.1	0.12	566±1 589±24	204
	B.14-1	20:22	5.14	6.9	817	195	0.5	0.01	1883±9 2045±20	204
	B.14-2	20:38	5.67	6.5	4159	2414	-4.4	no	618±1 647±14	-
	SL.3-9	20:56	6.62	7.4	642	230	8.7	0.62	538±1 630±40	208
	A.1-1	21:15	6.77	7.2	236	95	12.2	2.4	453±1 483±93	208
	A.2-1	21:37	6.56	7.7	514	214	1.8	0.62	462±1 441±51	208
	A.2-2	21:56	7.32	6.6	532	171	8.3	0.43	501±1 631±47	208
	SL.3-10	22:11	6.65	7.8	712	229	12.0	0.38	557±1 690±37	208
	A.2-3	22:31	6.90	7.5	383	135	1.9	0.81	477±1 465±66	208
	A.3-1	23:54	6.53	9.0	1109	558	2.1	0.03	334±1 262±33	208
	A.3-2	00:13	6.88	8.88	792	239	12.9	0.86	477±6 438±40	208
	SL.3-11	00:32	6.76	8.91	774	209	9.4	0.58	557±1 533±39	208

rejection of the first two ←
overlap with epoxy

3.9t on 2h0 rejected
* overlap with epoxy
omit!
↑ peak lower!

Li-01

no data during analysis

rejection ←

check data!

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.
rejected 1st scan	A.3-3	00:53	6.65	8.28	929	486	2.1	0.1	332±1	303±98	204
	A.6-1	01:12	5.09	6.59	350	404	7.5	0.08	478±1	498±88	204
	A.6-2	01:31	4.87	6.70	217	311	9.3	0.54	456±1	446±79	208
unusually not linear!	SL.3-12	01:53	6.33	9.68	725	224	2.2	0.26	550±1	615±37	208
	A.5-1	02:15	6.73	5.78	250	138	-2.4	-	432±1	543±69	-
	A.7-1	02:40	6.58	7.46	290	125	-0.2	-	460±1	524±66	-
rejected (1st scan)	A.7-2	03:03	6.42	8.14	792	314	0.7	0.073	492±1	428±38	208
	SL.2-1	03:26	6.37	9.47	744	229	-1.0	0.05	554±1	518±37	208
	A.34-1	03:50	6.85	7.66	567	198	5.2	0.34	487±1	562±45	208
	A.11-1	04:14	6.83	8.34	655	213	32.2	0.04	466±1	309±70	208
	A.14-1	04:38	6.46	8.34	665	248	0.9	0.07	501±1	509±48	204
	A.14-2	04:57	6.72	8.44	1.28	441	2.9	0.00	477±1	543±28	208
	SL.2-2	05:20	6.76	8.24	734	241	1.7	0.03	570±1	563±37	208
	A.16-1	05:44	4.65	3.20	116	366	0.3	-	540±2	727±80	-
v=4211621 RENAME!	A.20-1	06:13	7.32	2.86	181	130	3.9	0.79	520±1	490±91	208
	A.35-1	06:45	5.53	8.54	638	411	6.8	0.11	478±1	564±39	208
	A.35-2	07:02	5.71	7.16	853	562	4.3	0.11	496±1	473±37	208
?	SL.2-3	07:22	6.71	8.85	771	201	-1.3	-	598±1	562±33	-
	A.24-1	07:50	6.23	8.32	936	460	2.5	0.04	428±1	468±38	208
	SL.2-4	08:15	6.52	7.36	623	224	-1.1	0.02	570±1	619±38	208