

UWA DATA LOG: SHRIMP ZIRCON U-Pb

Date	UWA Mount No.	Whose sample?	Operator(s)							
1/11/95	95-23	C. ADAMS	IF + YQ							
Indicate any change to the following:										
		196	204	bkg	206	207	208	238	248	254
Precambrian	Count time (secs):	2	10	10	10	30	10	5	5	2
	Delay time (secs):	7	3	1	2	1	1	3	2	2
Phanerozoic	Count time (secs):	2	10	10	10	10	10	5	5	2
	Delay time (secs):	7	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						
Primary = 2.3 nA		PESABM = <input checked="" type="checkbox"/> pA		actual resolution = 4700						
expected Primary : PESABM ≈ 50:1		actual Primary : PESABM = <input checked="" type="checkbox"/>								

Comments:

$\lambda_B = 28$

5 minutes Raster.

high 204pb

B52-1 does not exist (not zircon)

Restore all points, except in B53-1 and B59-1

Rejection over-ride	Sample/Std ID	Time - printout	UO/U	196 Kcps	206 cps	U ppm	204Pb ppb	f206 %	Age ±1σ (Ma)		Corr.
									206/238	207/206	
	Forget to calibrate - data probably OK.										
	sl 523.5-2	15:34	6.26	20	1763	-	7.6	0.8	-	556	208
	sl 5-3	16:05	6.08	18.7	1705	220	5.5	1.5	569	540	208
	B 41-1	16:34	6.13	17.2	1776	277	11.1	.4	501	601	208
	B 42-1	16:57	6.39	17.8	576	162	12.2	2.6	236	406	208
	B 43-1	17:24	6.22	18.2	141	41.8	6.3	7.1	227	317	208
	sl 5-4	17:50	6.11	19.1	1683	217	8.	.7	549	517	208
	B 44-1	18:18	6.61	17.7	2283	531	6.1	1.5	263	273	208
	B 45-1	18:41	6.42	17.2	1002	293	8.	1.8	232	182	208
	B 46-1	19:09	6.25	19.	153	43	2.6	3.1	236	417	208
	sl 5-5	19:33	6.19	19.2	1737	211	7.	.7	552	582	208
	B 47-1	19:58	6.30	19	32	21	5.8	8.6	237	0	208

3/100

5/120

Sample 95-23 B

Mount/sample No: 95-23

Date: 1/11/95

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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.
	B48-1	20:24	6.27	18.3	617	82	9.2	1.5	511	580	208
	B49-1	20:46	5.87	19.	390	36.3	11.7	3.8	827	745	208
	B50-1	21:14	6.27	17.4	2153	313	6.3	.6	494	537	208
	S15-6	21:40	6.23	18.6	1732	216	6.3	.7	548	520	208
	B51-1	22:05	6.37	17.8	967	71	9.5	1.4	875	857	208
	B52-1	22:31	17.02	0	16	41K	275K				
	S15-7	22:58	6.07	18.2	1650	226	9.1	.7	553	534	208
	B53-1	23:24	6.2	18	788	53	5.6	1.5	1010	947	208
	B54-1	23:49	6.31	18.3	89	24	5.1	10.9	230	0	208
	B55-1	0:13	6.51	17.3	3612	300	5.7	.3	759	773	208
	B56-1	0:37	6.41	17.5	410	42	6.7	1.6	638	813	208
	S15-8	1:01	6.16	17.6	1667	230	7.5	.7	542	492	208
	B57-1	1:26	6.25	18.9	150	39.	8.8	10.8	232	78	208
	58-1	1:50	6.32	18.3	3875	210	4.6	0.1	1173 ± 1	1704 ± 7	208
	59-1	2:13	6.18	17.9	132	26.2	8.8	8.99	342	0	208
	60-1	2:37	6.35	17.3	422	134	7.2	3.	243	269	208
	61-1	3:01	6.30	17.6	307	77.3	6.5	3.7	275	329	208
	S15-9	3:27	6.21	18.	1673	219	9.7	.7	543	567	208
	B62-1	3:53	6.52	17.5	759	98	5.	1.3	487	610	208
	63-1	4:10	6.23	18.4	399	85	5.5	2.2	324	298	208
	64-1	4:43	6.19	18.6	257	76	7.2	4.2	234	0	208
	65-1	5:08	6.32	17.6	249	73	5.7	4.1	233	0	208
	66-1	5:32	6.39	17.6	547	171	5.4	1.6	217	420	208
	S11-1	6:25	6.2	18.7	1776	214	10.7	.8	569	561	208
	B67-1	6:52	6.28	18.1	345	68	7.7	2.96	347	0	208

not
ZirconDelete
last scanDelete
last scan

