

Data on disk with 95-17

UWA DATA LOG: SHRIMP ZIRCON U-Pb

Date: 12/9/95 UWA Mount No. 95-21, ~~17~~ Whose sample? A. Ross / ~~Adams~~ Operator(s) IF + AR

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 = 8.165 amu actual 204-bkg = 0.045 expected resolution = >4200
 Primary = 1.8 nA PESABM = 38 pA actual resolution = 4330 / 4880
 expected Primary : PESABM = 50:1 actual Primary : PESABM = 47

Comments:

NL = non linearly } Prawn
 AR = all restored }

Rejection over-ride	Sample/ Std ID	Time - printout	UO/U	196 cps Kcb	206 cps	U ppm	204Pb ppb	f ₂₀₆ %	Age ±1σ (Ma)		Corr.
									206/238	207/206	
NL, AR	S1521-17	12:14	6.33	15.7	1470	224	16.3		std	649	208
NL, AR	S1521-22	12:37	6.38	14.3	1422	225	33.2		557	474	208
- weird 206, NL, AR	S1521-13	13:04	6.16	16.1	1520	242	16.2	1.3	572	607	208
NL, AR	M52B1-1	13:45	6.77	15	3240	205	280	10.4	1108.1	2428	204
AR, NL, 238 weird	B1-2	14:10	5.97	14	1950	130	351	13.9	1184	2305	204
NL, AR	sl 21	14:35	6.12	17.1	1600	250.6	13.3	0.8	556.1	686.6	208

Zr/U: 2.04685 1 std dev % = 0.6583
 Uo/U: 6.23494
 Pb*/U: ~~0.94~~ 0.194046
 std No = 4