

UWA SHRIMP DATA LOG

Date: 17/04/04
 UWA Mount No.: 04-36
 Whose sample?: Nonen
 Operator(s): F + BC

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	

Steel: Wein volts / nA = for O⁻; = for O₂⁻; = for NO⁻

dead-time = ²⁵..... nanosecs expected resolution = >4200 actual resolution = ⁵⁹⁰⁰.....

aperture = ³⁰..... microns retardation lens = ^{HV + ~20}..... 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: ²⁰³196-204 = ^{1.116}..... 204-bkg = ^{0.045}..... 204-206 = ^{1.997 ±}.....

206-207 = ^{1.003}..... ~~206-208~~ = ^{corrected}.....

Primary-epoxy = nA Primary-CZ3 = ^{Fr} ^{0.33}..... nA PESABM-CZ3 = pA

Raster time (mins): ²..... Raster aperture (microns): ⁶⁰..... No. of scans: ⁷.....

Comments:

4 - +32 bits ← condensor
 2 - 800. ← deflections

Poor session is it or is it operator inexperienced?

17/4 Fr x 6
 PD95 x 5 } sep. grains
 QMa x 2
 18/4 Fr x 4
 PD95 x 3
 QMa x 2

← total counts →

Rejection over-ride	Sample/ Std ID	Time - printout	270/254 UO/UO	203 196 Kcps	206 cps Kcts	270 UO ₂ ppm Kcts	204Pb ppb cts	264 206 % Kcts	Age (Ma) 206/238 254	207/206	Offsets OK?
	Fr-1-1	11:00	1-31	2-6	7-2	9-49	9	19-30	.200	1058	Y
	PD95-1	11:27	1-15	2-45	495-8	195	3	337-2	0-58	0-10	Y
	A2-1	12:08	1-07	2-46	5-01	1-29	10	50-96	0-85	0-19	Y
	Fr-1-2	12:42	1-35	2-35	6-66	9-47	4	191-9	0-19	0-059	Y
	QMa-1	13:06	1-37	2-59	7-17	9-69	1	93-37	0-20	0-056	Y
	A3-1	14:03	1-23	0-98	2-37	0-04	5	21-4	1-34	0-22	Y
	A4-1	14:29	1-23	1-23	6-57	1-50	18	29-48	1-08	0-21	Y
	Fr-1-3	14:54	1-26	2-72	7-2	9-92	6	196	0-18	0-062	Y

change name in file →
 La #3
 La #5 default

fixed labeled white processing →
 A3-1
 A4-1

Rejection over-ride	Sample/ Std ID	Time - printout	UO/UO ²⁰³ 196 Kcps	206 cps	UO ₂ ppm Kct	204Pb ppb	²⁰⁶ Pb % ²⁰⁶ Pb ₂₀₆	Age ±1σ (Ma) 206/238 254 207/206 206	Offsets OK?		
	F1-3	14.54	1.26	2.72	7.2	9.9	6	196	0.18	0.062	Y
extreme curve	A5-1	15.23	1.42	2.53	11.9	2.83	6	56.8	1.19	0.185	Y
curved	A6-1	15.58	1.42	1.40	7.97	1.81	12	31.24	1.25	0.20	Y
same curve	A7-1	16.27	1.42	2.25	8.74	1.86	15	42.26	1.33	0.19	Y
Last 2 scans ? inclusion	AD15.2-1	16.50	1.17	2.55	35.1	12.8	10	37.5	0.64	0.10	Y
	A8-1	17.38	1.20	1.36	4.67	1.19	4	34.18	0.94	0.19	Y
	F1-4	18.01	1.15	2.26	5.98	8.8	3	18.4	0.16	0.058	Y
last scan (minor)	B2-1	7.04	1.08	1.26	2.68	0.73	5	4.99	0.79	0.21	
	F1-5	19.52	1.19	1.85	5.04	7.96	7	16.5	0.15	0.057	-
	D1-1	20.34	1.30	1.71	6.38	1.60	5	57.2	1.03	0.18	N
	D1-2	20.55	1.03	0.99	3.14	0.84	8	5.2	0.77	1.0	-
high curve	E1-1	21.23	1.15	1.64	4.06	0.75	16	35.5	0.124	0.21	-
	G1-1 → AD15.3-1	22.25	0.99	0.64	2.65	0.69	6	3.22	0.76	0.19	.
~ curved	AD15.3-1	22.51	1.25	2.07	11.6	4.09	79	9.5	0.68	0.11	.
	I1-1 → F1-6	23.33	1.01	0.88	2.52	0.48	15	14.6	1.06	0.21	.
	F1-6	00.15	1.10	1.48	4.68	7.25	5	16.4	0.142	0.057	.
	A4-2	00.45	0.67	0.96	4.42	1.31	9	11.5	0.45	0.21	-
	A6-2	01.08	0.77	0.64	1.90	0.44	11	20.4	0.68	0.23	-
	Ma.2-1	1.32	1.17	1.54	3.45	4.78	0	5.0	0.14	0.058	
	E1-2	2.04	0.81	0.57	2.12	0.63	3	22.4	0.54	0.20	
AD15.12 Scan 1 F1-7 → AD15.12 206 not counted	AD15.12	3.25	1.06	1.17	6.94	1.24	99.4	24.9	1.19	0.12	.
	AD15.12	3.01	0.99	1.04	.	3.72	0	12.9	0.00...	0	!
	D1-1	5.02	1.03	0.83	3.66	0.96	4	4.9	0.79	0.18	Y
relabeled 0435 Ar. 1-7	F1-7	5.26	0.91	0.80	2.71	4.2	2	10.2	0.116	0.057	.
	C1-2	5.55	0.84	0.635	2.1	0.57	1	1.6	0.62	0.19	

mount change → 04-35

