

UWA SHRIMP DATA LOG

Date: 20/01/04 UWA Mount No.: 03-122 Whose sample?: NU Operator(s): IF + MB
03-123

Indicate any change to the following: ^{202 203} 196 204 bkg 206 207 208 ²³² 238 ²⁵⁴ 248 ²⁶⁴ 254 270
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 = 6200
 aperture = 30 microns retardation lens = HV+1 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: 196-204 = 1.108 204-bkg = 0.065 204-206 = ~2.005
 206-207 = 1.0030 206-208 = confined

Primary-epoxy = nA Primary-CZ3 = 0.40 nA PESABM-CZ3 = pA
 Raster time (mins): 3 Raster aperture (microns): 50 No. of scans: 7

Comments: Stds on SPS-2
Substantial part-collector screening applied
Fr x 6
P095 x 5
Qtda x 2
Condenser screening:
up to 50 lits.
Return to 1770
Z 1003
Y 1770

Rejection over-ride	Sample/ Std ID	Time - printout	UO/UO ₂	²⁰³ 196 Kcps	206 cps	UO ₂ ppm	²⁰⁴ Pb ppt	²⁰⁶ f ₂₀₆ %	Age ± 1σ (Ma)	Offsets OK?	
						Kcps	cps	Kcps	206/238 254	207/206	
	Fr. 1-1	10:40	1.35	1.9	856	6.2	<1	114	-187	-061	✓
	P095.1-1	11:04	1.28	1.891	39500	75.2	0.9	114	0.0717	0.1031	✓
	031221.1-1	11:47	1.25	1.55	195	0.67	0.5	5.0	1.100	0.1859	✓
	031221.1-1	12:15	1.40	1.30	1,120	0.5	4	46	1.8213	0.7164	✓
	Fr. 1-2	12:38	1.32	1.55	823	5550	0.4	110	0.1856	0.0582	✓
	P095.1-2	13:04		1.90	45084	1					
	031223.1-1	13:36	1.73	0.5	325	0.45	0	5.0	1.255	0.1880	✓
	031224.1-1	14:02	1.33	1.5	500	0.75	0.5	7.7	0.8411	0.1980	✓

Rubbish analysis. Last 2 scans don't keep eye on counts.
Data sheet did not print!! Last 2 (sup. ↓) stored last scan

Rejection over-ride	Sample/ Std ID	Time - printout	UO/U Kcps	196 Kcps	206 cps	U _{o2} ppm	204Pb ppb	f ₂₀₆ %	Age ±1σ (Ma) 206/238	207/206	Offsets OK?
	Fr. 1-3	14:30	1.34	1.6	852	5.9	0.5	125	0.1918	0.0588	✓
	03122A5.1	15:07	1.44	1.8	532	0.71	0.1	0.75	1.075	0.1798	✓
	03122A6.1	15:34	1.52	1.7	807	0.775	0.1	5.5	1.254	0.1772	✓
	PD95.1-3	15:57	1.25	1.64	43844	860	0.5	144.5	0.6354	0.1044	✓
	QMa.1-1	16:20	1.45	1.70	630	4.55	0.1	43.6	0.2003	0.0568	✓
	03122A6.2	16:50	1.66	1.25	725	0.8	0.4	6.7	1.480	0.1870	✓
Appear to have hit an inclusion in scan 3	Scan 3 03122A6.3	17:12	1.35	1.50	436	0.5	>1	5.5	1.077	0.1912	✓
	Fr. 1-4	17:30	1.33	1.50	843	6.0	0.5	11.5	0.1988	0.0578	✓
	03122F.1	18:13	1.53	1.50	618	0.8	0.2	3.7	1.168	0.1911	✓
Scan 1 Pb ↑	03122F.2	18:41	1.41	1.90	667	0.725	0.3	3.35	1.310	0.1796	✓
	PD95.1-4	19:02	1.24	1.575	43901	841.5	0	14.0	0.6522	0.1037	✓
Absorbed G, C, H, D1 and D2 here!	Fr. 1-5	20:29	1.30	1.65	852	5.57	0.5	111.8	0.1876	0.0574	✓
Absorbed B here	03122D.4	20:59	1.28	1.17	63.8	0.635	0.3	0.21	1.227	0.1964	✓
	03122E.1	21:36	1.19	1.10	378	0.435	0.0	15.3	1.032	0.1650	✓
Scan 4 (inclusion)	03122E.2	22:01	1.48	2.25	686	0.9	0.1	13.15	1.116	0.1745	✓
	PD95.1-5	22:25	1.26	1.75	45628	837.0	1.1	144	0.6577	0.1040	✓
	03122E.3	22:47	1.12	1.8	594	0.71	0.0	9.25	0.9570	0.1791	✓
03-1220 ✓ Scan 3 204 P	03122E.3-2	23:09	1.41	1.45	1291	0.7	0.7	8.15	1.063	0.1679	✓
03-1231 ✓	Fr. 1-6	23:51	1.47	1.56	741	5.2	0.6	9.6	0.2090	0.0623	✓
	QMa.1-2	00:14	1.42	1.57	624	4.26	0.3	47.5	0.2071	0.0551	✓
	03123A.1	00:41	1.61	1.25	391	0.40	0.3	6.0	1.532	0.1788	✓
	03123A.1-2	01:04	1.55	1.35	344	0.40	0.3	6.3	1.327	0.1967	✓
Scan 1 (not in inclusion)	PD95.1-6	01:25	1.35	1.6	50993	85000	0.0	128.5	0.8058	0.1021	✓
	03123A.1-3	01:50	1.50	1.75	217	0.8	0.8	6.2	1.331	0.1889	✓
Scan 2 common Pb ↑	03122A7.1	02:20	1.58	1.45	235	290	0.4	15.0	1.246	0.1895	✓

Rejection over-ride	Sample/ Std ID	Time - printout	UO/U Kcps	196 Kcps	206 cps	U ppm	204Pb ppb	f206 %	Age ±1σ (Ma) 206/238	207/206	Offsets OK?
	Fr.1-7	02:40	1.42	1.5	850	5.75	0.6	109	0.2096	0.0583	✓
	03123A.3-1	03:06	1.61	1.7	247	80.3	0.1	24	1.282	0.1951	✓
	03123B.1-1	03:40	0.618	1.07	825	1.26	0.5	4.7	0.5955	0.1777	✓
	Fr.1-8	04:02	1.42	1.50	816	5.5	0.4	10.25	0.2091	0.0597	✓
	03123D.1-1	04:47	1.51	1.375	3226	58	0.9	12.0	1.259	0.1736	✓
	03123E.1-1	05:14	1.35	1.3	726	0.75	0.0	3.8	1.301	0.1754	✓
	03123E.1-6	05:32	1.68	0.71	511	0.61	0.0	2.8	1.390	0.1846	✓
	P095.1-7	05:54	1.30	1.55	4566	8.0	4.1	13.7	0.7009	0.1061	✓
	Q.Mu.1-3	06:18	1.54	1.68	629	4.45	0.1	45	0.2157	0.0566	✓
	03123E.1-2	06:39	1.34	1.04	1029	1.16	0.1	1.991	1.1832	0.1763	✓
	03123E.1-5	06:57	1.59	0.55	941	1.14	0.0	1.41	1.3114	0.1804	✓
	03123F.1-1	07:21	1.30	1.35	288	0.35	0.4	3.35	1.0592	0.1877	✓
	Fr.1-9	07:42	1.43	1.25	759	5.4	0.6	97.75	0.2009	0.0594	✓
	03123G.1-1	08:13	1.50	1.3	137	0.16	0.1	7.5	1.3033	0.1867	✓
	03123G.1-2	08:34	1.66	1.35	383	0.45	0.5	7.45	1.4920	0.1994	✓

Scan 1
anomalous

Note: file name changed on date sheet

labeled Fr.1-7 in OR file.

Rebuttal

bit curved

curved

rather curved