

UWA SHRIMP DATA LOG

Date: 17/11/02 UWA Mount No.: DV1-3 Whose sample?: DV Operator(s): McN + DV

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 = $-251/-62V/19.0$ for O⁻; = $-173/-43V/4.2nA$ for O₂⁻; = $-138/-34V/13.0$ for NO⁻

dead-time = 24 nanosecs expected resolution = >4200 actual resolution = 5080

aperture = microns retardation lens = 0 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 = 8.170 204-bkg = 0.045 204-206 = 2.000 ± 6

206-207 = 1.000 206-208 = 2.000

Primary-epoxy = 2.6 nA Primary-CZ3 = 3.6 nA PESABM-CZ3 = 64 pA

Raster time (mins): 1 Raster aperture (microns): 20 No. of scans: 6

Comments: DV ① = OLIVER CK

C23 or C37

" ② = LITTLE FALLS

" ③ = 688.24

Rejection over-ride	Sample/ Std ID	Time - printout	UO/U	196 Kcps	206 cps	U ppm	204Pb ppb	f ₂₀₆ %	Age ±1σ (Ma) 206/238	207/206	Offsets OK?
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Olives Creek

	C2.1-1	9:54	5.67	24.1	2514	551	1.3	.07	572 ± 8	525 ± 44	✓
	C2.1-2	10:11	5.51	24.6	2375	540	0.6	.02	562 ± 3	546 ± 20	✓
	DV1.BM	10:41	5.46	25.0	824	50	4.3	.17	1885 ± 26	1807 ± 32	✓
	DV1.C1	11:00	5.24	25.1	1762	118	77.9	2.51	1748 ± 20	1828 ± 47	✓
	C2.1-3	11:17	5.08	18.5	1635	555	1.7	.06	560 ± 3	506 ± 31	✓
	DV1.A1	11:37	5.61	26.3	3578	205	5.1	0.14	1840 ± 11	1818 ± 10	✓
	DV1.A2	12:02	5.69	24.5	4785	288	14.5	0.28	1844 ± 13	1829 ± 9	✓
	DV1.D1	12:21	5.5	27.5	2600	150	44	0.66	1797 ± 16	1796 ± 24	✓

1.67

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	Offsets OK?
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	CZ.2-1	12:40	5.63	2523	2502	542	0.7	0.25	559±3	579±25	✓
	SAMPLE CHANGE DV1 → DV3										
	CZ.2-2	13:14	5.56	24.3	2437	538	0.5	0.2	579±3.6	519±22	✓
	CZ.3-1	13:40	5.72	24.0	2588	561	2.8	1.0	572±3	542±23	✓
	UDV3X-1	14:31	4.24	19.9	1059	121	7.7	3.7	1777±37	1765±47	✓
	UDV3Y-1	15:07	4.75	23.4	3331	293	4.1	0.86	1701±11	1842±9	✓
	CZDV3.4-1	15:34	5.57	23.3	2374	554.8	3.1	1.1	569±4	559±22	✓
	CZ3DV3.4-2	15:51	5.27	20.1	1869	561	-0.2	-0.08	552#	572	✓
	SAMPLE CHANGE → DV2										
	CZ3DV2.5-1	16:47	5.64	23.2	2341	542.7	0.5	0.17	567±3	592±20	✓
	CZ3DV2.5-2	17:04	5.63	23.2	2325	546	0.5	0.18	562±3	570±25	✓
	UDV2.6-1	17:38	4.89	16.1	1821	148	31.3	13.8	^{1599±13} 2100	2610±21	✓
	UDV2.2-1	17:57	5.45	22.8	3378	152	20.6	5	2614±17	2670±9	✓
	UDV2.C-1	18:16	6.3	16.8	2053	2205	14.9	0.5	1366±22	2030±4	✓
	UDV2.C-2	18:34	6.2	17.8	2069	2179	24	0.9	1334±24	2171±27	✓
	CZ3DV2.6-1	18:57	5.68	23.7	2467	544	-0.3	-0.13	561#	573	✓

used wrong photos should be what I had as LF-C LF-A

LITTLE FALLS