

ST incl. = 15
 % Error = 1.48

UWA DATA LOG: SHRIMP ZIRCON U-Pb

Date: 5/3/99 UWA Mount No.: 99-06 Whose sample?: Edson Operator(s): IF+EM

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 -

expected 196-204 = 8.170 amu expected 204-bkg = 0.045 amu Dead-time =32..... nanosecs
 actual 196-204 =8.170..... actual 204-bkg =0.044..... expected resolution = >4200
 actual 206-207 =1.000..... actual 206-208 =2.000..... actual resolution =5464.....

Primary =3.6..... nA PESABM =42..... pA actual Primary : PESABM (= 50:1) =
 Raster time (mins):1..... Raster aperture (microns):120..... No. of scans:6.....

Comments:

Rejection over-ride	Sample/ Std ID	Time - printout	UO/U	196 Kcps	206 cps	U ppm	204Pb ppb	f ₂₀₆ %	Age ±1σ (Ma)	Offsets OK?
									206/238 207/206	
	C2.9-1	11:24	6.44	15.0	1797	-	0.1	.01	-	570 ✓
	C2.9-2	11:42	6.46	15.9	1790	216	0.4	.02	545	576 -
	A.1-1	12:01	6.46	14.9	7825	161	12.0	.18	2835	2914 ✓
	A.3-1	12:19	6.31	15.2	1203	23	0.6	.05	3120	3154 ✓
	A.4-1	12:39	6.38	15.1	1716	32	~	-	3166	3061 ✓
	C2.5-1	13:01	6.51	15.0	1793	221	0.2	.01	553	603 ✓
	A.5-1	13:19	6.30	15.1	966	19	0.4	.05	3104	2987 ✓
	A.5-2	13:38	6.58	14.9	645	13	0.2	.04	2709	2879 ✓
	A.7-1	14:00	6.26	15.4	3336	74	0.2	.01	2804	2852 ✓
	A.9-1	14:19	6.45	15.2	3154	60	~	-	2961	2944 ✓
	A.15-1	14:39	6.34	15.1	3845	84	1.8	.05	2805	2834 -

10 drop.
 ? Delete Sam 4.?

HV off
 to change
 samples
 in rack.

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 5.2	15:14	6.45	13.5	1641	222	1.2	.11	572 ± 1	550 ± 3	✓
	A. 17.1	15:35	6.39	14.5	1227	39.2	0.9	-.09	2065 ± 10	2090 ± 14	✓
	A. 24.1	16:07	6.41	14.8	690	21.1	0.2	.04	2086 ± 14	2034 ± 25	✓
	A. 24.2	16:27	6.34	13.3	715	25	0	-	2079	2099	✓
	A. 25.1	16:48	6.10	14.7	650	16	0.5	-.07	2860 ± 23	2934 ± 19	✓
	CZ 1.1	17:20	6.28	15.1	1657	222	0.2	.01	561	631	✓
	A. 28.1	17:52	6.51	13.8	3997	74	0.4	-.01	3190 ± 11	3173 ± 5	✓
	A. 29.1	18:11	6.49	14.1	2110	45	1.0	0.05	2867 ± 12	2981 ± 8	✓
	A. 32.1	18:35	6.31	14.6	1061	23	0.1	-.01	2958 ± 19	2930 ± 10	✓
	CZ 3.1	18:57	6.59	14.2	1696	207	0.3	.02	567 ± 1	556 ± 22	✓
	A. 33.1	19:18	6.41	14.0	1741	34	-	-	3188 ± 17	3154 ± 7	✓
	A. 34.1	19:37	6.74	13.6	1303	23	2.0	.17	3100 ± 19	3164 ± 9	✓
	A. 43.1	19:59	6.62	14.3	1665	32	0.6	.04	2904 ± 15	2936 ± 9	✓
	A. 43.2	20:20	6.37	14.3	2244	48	1.7	-.08	2942 ± 13	2972 ± 7	✓
	CZ 3.2	20:41	6.52	14.7	1741	214	-	-	562 ± 1	587 ± 17	✓
	A. 45.1	21:04	6.57	14.1	5589	122	5.0	-.10	2749 ± 8	2817 ± 5	✓
	A. 44.1	21:23	6.38	14.4	1734	37	0.7	.04	2801 ± 15	2871 ± 8	✓
	A. 45.2	21:42	6.55	14.1	3258	69	-	-	2786 ± 10	2778 ± 6	✓
	A. 48.1	22:05	6.23	13.4	2252	59	18.7	-.75	2754 ± 12	3094 ± 9	✓
	CZ 3.3	22:26	6.56	13.6	1743	221	1.0	-.08	572 ± 1	562 ± 26	✓
	A. 47.1	22:45	6.84	11.4	1448	28	0.6	-.04	3206 ± 19	3110 ± 9	✓
	A. 50.1	23:06	6.60	13.4	1160	35	0.1	-.01	2098 ± 11	2069 ± 13	✓
	A. 51.1	23:26	6.57	14.2	2278	57	0.3	-.02	2381 ± 9	2558 ± 8	✓
	A. 19.1	23:55	6.42	14.1	5736	176	17	-.32	2150 ± 5	2887 ± 5	✓
	CZ 8.1	00:17	6.51	14.1	1801	224	-	-	578 ± 1	570 ± 17	✓

Rejection over-ride	Sample/ Std ID	Time - printout	UO/U	196 Kcps	206 cps	U ppm	204Pb ppb	f206 %	Age ±1σ (Ma) 206/238	207/206	Offsets OK?
	C.15-1	00:41	6.31	14.5	2344	49	1.2	.05	3025±13	2966±7	✓
	C.22-1	01:06	6.25	14.3	3377	94	6.5	.20	2489±8	2715±7	✓
	C.35-1	01:46	6.31	15.3	5339	200	10.4	.24	1773±4	2021±8	✓
	C.34-1	02:05	6.76	13.8	5032	278	3.0	.08	1356±3	1865±8	✓
	C.38-1	02:43	6.57	13.5	4825	204	2.3	.06	1597±3	1997±7	✓
	C.7.8-2	03:06	6.40	14.6	1663	214	3.3	.29	569±1	505±30	✓
	C.19-1	03:40	6.38	13.6	3836	79	0.2	.01	3145±11	3126±5	✓
	C.21-1	04:03	6.30	14.7	565	18	0.6	.12	2119±16	2083±31	✓
	C.48-1	04:27	7.09	11.2	3188	98	3.0	.12	2022±7	2038±9	✓
	C.49-1	04:48	6.63	14.0	8778	164	2.3	.03	3006±7	3202±3	✓
	C.7.7-1	05:07	6.45	14.1	1703	221	0.1	.01	567±1	541±18	✓
	C.51-1	05:29	6.18	14.5	1786	40	0.7	.03	3005±15	3162±7	✓
	C.56-1	05:50	6.48	13.5	5189	173	2.6	.02	2027±5	2069±6	✓
	B.14-1	06:13	5.90	14.0	1481	36	-	-	3272±18	3092±8	✓
	B.18-1	06:36	6.22	14.6	2730	58	1.4	.05	3116±13	3166±6	✓
	C.7.2	06:57	6.51	13.9	1727	217	-	-	580±1	554±18	✓
	B.12-1	07:19	6.37	14.2	1784	35	0.4	.02	3129±16	3093±8	✓
	B.13-1	07:38	6.27	14.7	1696	74	0.8	.04	3196±17	3156±8	✓
	B.35-1	07:59	6.12	13.7	1329	32	1.4	.09	3025±18	3107±9	✓
	B.40-1	08:22	6.00	13.6	1458	36	-	-	3109±17	3154±8	✓
	B.39-1	08:41	6.42	13.7	3520	72	1.0	.03	3099±12	3137±5	✓
	C.7.5-1	09:00	6.44	15.6	1735	219	-0.1	✓	575±1	557±18	✓
FINISH											