

LC 4A = CBC

UWA DATA LOG: SHRIMP ZIRCON U-Pb

Date: 7/9/96 UWA Mount No.: 96-37 Whose sample?: Luiz da Silva Operator(s): LF + L&S

Indicate any change to the following: 196 204 bkg 206 207 208 238 248 254

mixed

Precambrian Count time (secs): 2 / 10 / 10 / 10 / 30/10 / 10 / 5 / 5 / 2 /
 Phanerozoic* 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 = 8.170 actual 204-bkg = 0.043 expected resolution = >4200
 actual 206-207 = 1.000 actual 206-208 = 2.000 actual resolution = 4875
 Primary = 3.3 nA PESABM = 52 pA actual Primary : PESABM (= 50:1) = 63
 Raster time (mins): 2 Raster aperture (microns): 100 No. of scans: 6

Comments: ① HT sagged ~50V!!! - recovered by itself

Zr/U: 2.14690
 UO/U: 6.78988
 Pb/U = 0.213236
 No 13
 0.97% (WALLEN)

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	Corr.
	<i>Restored</i> sl 6373-14	10:35	6.61	21.1	2024	-	1.6	.08	-	606 208
	sl 2-4	10:53	6.93	21.6	2272	210	0.8	.06	572	598 208
	u 637A.72	11:13	7.07	20.8	6759	156	1.0	.03	1992	2013 204
	u 2-1	11:33	6.84	22.4	10359	259	2.7	.05	1903	1999 204
	2-2	11:52	7.52	18.8	4474	405	24.	1.2	527	597 204
	sl 2-5	12:12	7.09	19.9	2125	199	1.3	.02	575	571 208
	u 3-1	12:33	7.15	20.8	5040	116	0.8	.03	1945	2003 204
	3-2	<i>Lost beams. First 4 scans might be OK.</i>								
	4-1	13:22	7.03	19.6	5096	129	0.6	.02	1978	2024 204
	5-1	13:42	6.68	21.9	3730	96	0.2	.01	2019	2012 204
	sl 2-6	14:01	6.95	20.5	2139	204	0.9	.03	578	577 208

on disc as 3-1

H-1 is with previous set of analyses

might overlap

Spot only w/ half on grain check possible work.

① Delete last 2 scans
 Delete last 11

Reduced 206 counts 30K-320K

LF

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 Corr.

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	Corr.
	<i>u</i> A.6-1	14:19	6.79	21.7	5128	127	0.8	.02	2007	2006	204	
	6-2	14:38	6.05	24.9	2258	261	2.2	.15	601	572	204	
	7-1	14:58	7.00	20.4	4153	104	2.9	.12	1935	2009	204	
	7-2	15:16	6.29	23.6	2493	258	0.3	.02	625	669	204	
	<i>sl</i> 1-1	15:35	6.85	21.3	2073	206	0.8	.04	557	631	208	
	<i>u</i> A.7-3	15:56	6.67	21.5	2177	190	1.4	.11	676	843	204	
	8-1	16:16	6.84	21.3	7045	176	1.2	.03	1984	2013	204	
	9-1	16:36	6.65	22.4	2161	205	2.0	.17	601	568	204	
	9-2	16:55	8.27	16.2	4249	339	11.	0.6	542	667	204	
	<i>sl</i> 4-1	17:14	6.95	20.7	2247	209	1.6	.14	582	543	208	
	9-3	17:33	6.78	20.7	3852	133	1.7	.07	1561±3	1910	204	
	9-4	17:56	6.44	22.1	2528	215	1.9	.12	88±6	565	204	
	10-1	18:20	6.74	20.8	4527	125	1.5	.05	1917	2014	204	
	11-1	18:41	6.55	20.8	3055	91	2.0	.09	1950	2001	204	
	<i>sl</i> 4-2	19:01	6.63	21.7	2043	214	1.4	.04	569	571	208	
	A 12-1	19:22	6.80	21.2	3936	105	0.0	.07	1927	1999	208	
	A B.1	19:46	6.76	20.2	3039	85	1.3	.07	1925	1986	204	
	<i>delete</i> 13-2	20:10	7.59	16.0	8121	2123	162	3.9	207	344	204	
	14-1	20:32	7.05	20.1	3301	83	0.4	.02	1913	2015	204	
	<i>sl</i> 4-3	20:52	6.56	22.0	2030	215	0.0	.07	578	566	208	
	15-1	21:22	6.83	21.0	4978	135	0.0	—	1875	1988	—	
	16-1	21:54	5.86	55.2	4135	113	1.6	0.06	2004	2004	204	
	17-1	22:27	5.20	51.9	5434	145	1.5	.04	1934	1991	204	
	<i>sl</i> 4-4 17-2	23:02	4.9	64.5	2978	79	1.8	.09	1990	2015	204	
	<i>sl</i> 14-4	23:02 00:11	6.1	1439	1270	246	3.0	.02	584	528	204	
	<i>u</i> 17-3	00:33	6.6	19.8	3993	117	1.9	.06	1976	1999	204	

Dubious - see printout

delete

primary fell

Turn on - turn off inverted

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e fecha

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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	Corr.
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	UA-18-1										
	UA-18-1	01:13	7.20	19.3	3816	928	1.3	.06	1907	1986	204
	18-2	01:36	7.24	19.4	4479	103	0.8	.03	1998	2004	204
	19-1	01:55	6.84	20.4	6040	160	3.6	.09	1947	2001	204
	20-1	02:15	6.62	20.4	3592	106	0.7	.02	1930	2015	204
	sl 4-5	02:43	6.67	21.1	1978	212	0.1	.06	565	565	208
	421-1	03:06	6.89	20.8	4606	117	1.9	.07	1953	2007	204
	22-1	03:25	6.98	19.8	3295	83	-0.2	-	1981	2014	-
	23-1	03:49	6.89	19.8	3860	104	1.7	.07	1923	1991	204
	24-1	04:12	6.67	20.0	3605	108	1.8	.07	1912	1986	204
	sl 4-6	04:32	6.82	20.4	1967	215	0.9	.01	581	538	208
	25-1	04:55	6.94	21.0	6661	107	1.7	.04	1922	1999	204
	26-1	05:17	6.93	20.4	4402	121	-0.5	.03	1851	1994	- 208
	27-1	05:42	6.28	21.3	3334	113	0.4	.01	1907	1998	204
	28-1	06:07	6.76	21.2	3848	102	0.4	.01	1954	2035	204
	sl 4-7	06:37	6.95	20.9	2105	198	0.2	.03	569	581	208
	28-2	06:58	6.99	19.5	2731	75	2.4	.13	1858	1972	204
	29-1	07:21	7.1	20.5	5491	132	0.4	.01	1925	1985	204
	30-1	07:42	7.1	19.9	3673	90	0.4	.01	1942	2006	204
	31-1	08:02	7.05	20.1	3439	85	1.7	.09	1942	2004	204
	sl 4-8	08:21	7.25	19.7	2150	193	0.3	.04	566	541	208
	32-1	08:59	6.87	19.5	4803	138	1.2	.03	1877	1986	204
	33-1	09:20	6.93	19.6	3437	93	0.6	.02	1928	2013	204
	34-1	09:39	6.90	19.6	5292	137	0.0	-	1924	2005	-

have to be fixed
have to correct file name