

Note: Bold = constant for stds & unknowns.....check after each analysis; also check offsets.

Sample/ Std ID	Time on printout	UO/U 254/238	196 (zr) Keps	206 cps	U ppm	f ₂₀₆ %	Sensit.	Age+/-1σ (Ma) 206/238 207/206	Offsets OK?
Alternative		UO2/UO 270/254	194 (xt) 200 (tnt) 203 (mz)	206 cps	254 270 Kcps	204 cps	196/194 264 Kcps	206/238 206/254 206/270	207/206 Check after each!!!

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BR.1-1	12:12	4.79	22	3100	—	—	—	—	—	✓
BR.1-2	12:34	4.81	22	3800	903	.02	12.2	541±3	564±17	✓
— AK to fix 20 + improve sensitivity										
BR.1-3	→ low sensitivity									
→ AK returned 20										
BR.1-4	14:42	4.83	28	3700	903	.03	14.4	559±2	580±17	✓
BR.1-5	14:59	4.94	29	3900	891	.02	15.2	559±3	554±22	✓
A.1-1	15:25	5.08	28	12K	1248	.02	16	1160±4	1156±9	✓
B.1-1	16:03	3.16	12	350	185	.04	3.5	1031±20	1146±46	✓
BR.1-6	16:23	4.87	29	3600	888	.05	14.4	539±2	550±17	✓
B.2-1	16:43	4.93	32	1700	156	—	15.3	1232±10	1203±15	✓
BR.1-7	17:01	5.07	29	3900	892	—	15.0	556±3	567±13	✓
B.3-1	17:21	5.19	31	850	77	.03	15.7	1199±13	1168±39	✓
B.4-1	17:40	4.25	24	450	74	.13	10.6	1095±13	1188±64	✓
B.5-1	17:58	5.22	31	670	59	.19	16.4	1223±15	1119±64	✓
BR.1-8	18:16	4.86	29	3500	889	.05	14.4	536±3	514±24	✓
B.6-1	18:36	5.08	32	460	41	.31	16.3	1220±23	1122±69	✓
B.7-1	18:53	3.86	20	710	176	.37	7.6	1011±19 1005±19	1205 1011±49	✓
B.7-2	19:11	3.83	19	710	167	.04	6.8	1146±12	1185±41	✓
BR.1-9	19:29	4.90	27	3400	896	.11	14.2	531±3	510±20	✓
B.8-1	19:48	4.45	26	760	103	.11	11.2	1161±13	1190±36	✓

some spiking
some spiking
v. low sens. spot near a crack? + spiki

MISLABEL

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Alternative		UO2/UO 270/254	194 (xt) 200 (tnt) 203 (mz)	206 cps	254 270 Keps	204 cps	196/194 264 Keps	206/238 206/254 206/270	207/206 Check after each!!!

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B. 9-1	20:06	5-15	32k	490	43	.11	16.9	1198 ^{±15}	1253±44	✓
B. 9-2	20:25	5-03	31k	1700	158	.06	15.5	1206±8	1188±26	✓
B. 10-1	20:46	5-24	33k	940	78	.39	16.6	1189±14	1080±41	✓
BR. 1-10	21:05	4-83	31	3800	875	.08	14.5	543±3	512±22	✓
B. 11-1	21:25	5-14	32	740	67	.19	16.8	1175±15	1158±48	✓
B. 11-2	21:32	High	204,	deleted.						
B. 11-2b	21:53	4-79	35	710	66	.45	15.7	1144±15	1087±62	✓
B. 12-1	22:14	5-13	32	750	66	.02	16.9	1204± -	1211± -	✓
B. 13-1	22:37	5-26	34	4000	315	.08	18.6	1228±9	1190±15	✓
B. 13-2	22:56	5-10	32	410	36	.33	17.4	1220±18	1286±71	✓
BR. 1-11	23:16	4-95	29	3800	889	.02	14.3	549±2	573±22	✓
BR. 1-12	23:35	4-89	25	3300	914	.07	12.8	544±3	508±21	✓
B. 14-1	00:01	5-33	32	5000	419	.02	17.6	1221±8	1180±12	✓
B. 14-2	00:22	5-21	31	910	84	.02	17.2	1172±	1235±	✓
B. 15-1	00:42	5-10	32	3700	344	.04	17.5	1173±5	1192±13	✓
B. 15-2	01:06	5-06	26	160	238	.04	14.5	1157±8	1182±20	✓
B. 16-1	01:26	5-23	30	570	51	.20	18.8	1214±15	1177±59	✓
B. 16-2	01:46	5-29	28	740	74	.38	17.7	1172±14	1205±42	✓
B. 16-3	02:15	4-84	30	610	70	.07	17.5	1100±16	1214±41	✓
BR. 1-13	02:38	4-87	29	3600	897	.06	14.4	533±2	556±17	✓
BR. 1-14	02:55	4-55	27	2900	895	.02	11.3	517±3	571±20	✓

