



JdeL GENRE: (Building 301, Bentley)

Mount (Sample) No. : 12-29, ^{12-22, 11-32} Date : 5/9/12

Operators : IRF + Sheralyn Jones ^{12-30, 12-28} Project contact : AISRF

FOLLOWS FROM XT

Spot label	Time	203 Kcps	270/254	204 cps	264 Kcps	270 Kcps	206/270 Age	207/206 Age	[204/206] *10 ^{3/6}	offsets OK?
Fr. 1-1	19:08	2.6	1.3	0.1	120	6.2	514	608.	0.71	✓
2908.1-1	19:33	2.2	1.3	0.3	40	16	1840	1793	-003	✓
Fr. 1-2	19:58	2.5	1.3	0.6	120	6.1	542	585	-63	✓
1229.1-4	20:36	2.1	1.3	0.2	11	0.3	2115	1876.	1.04	✓
2-3	21:01	2.2	1.6	1.0	21	18	1931	2487.	-009	✓
3-3	21:25	2.5	1.7	0.2	2.7	12	2624	2637.	-002	✓
Fr. 1-3	21:52	1.9	1.5	0.7	120	6.3	523	514.	0.77	✓
2908.1-2	22:21	1.7	1.5	0.5	39	16	1789	1862.	-005	✓
1229.4-3	22:48	1.6	1.7	1.0	21	22	2363	2534.	.006	✓
7-3	23:13	2.2	1.3	0.1	25	13	1421	1691	-000	✓
8-1	23:41	2.0	1.6	0.6	18	20	2624	2620	-03	✓
12-4	00:09	1.9	1.6	0.2	26	16	2697	2639	.001	✓
Fr. 1-4	00:40	1.8	1.5	0.7	120	6.0	526	615	0.84	✓
2908.1-3	01:05	1.8	1.4	0.4	44	18	1808	1811	0.004	✓
1229.15-2	01:33	1.8	1.7	1.1	27	17	1860	2198	0.000	✓
16-2	01:59	2.0	1.5	0.3	15	1	2353	2020	0.000	✓
20-3	02:26	1.9	1.5	0.1	8	0.6	2493	2563	0.000	✓
21-2	03:01	0.7	1.5	0.3	9.6	2.8	2174	2639.	0.14	✓
Fr. 1-5	03:28	1.5	1.4	0.6	96	4.9	511	609	0.84	✓
2908.1-4	03:53	1.4	1.4	0.3	35	12	1776	1812.	-004	✓
1229.1-5	04:19	1.5	1.3	0.6	6.5	0.3	2061	1829.	-33	✓

mislabeled.

Monazite Kohler ap. (µm): O₂⁻ (resin/Std; nA): Spot (µm):
 Retardation (V): M/ΔM (1%): Sensitivity:
 Raster (µm): Raster (min.): Scans/spot:

Offsets (fixed): 203-204..... 204-Bkgd..... 206-207.....
 (check): 204-206...2.005 206-208...2.008

*Stds on B-99
 Continues from Xeno 12-12 and 04-130
 R ~ 5600, etc.*

Mount (Sample) No. : 12-29

Date : 6/9/12

Spot label	Time	203 Kcps ₂	270/ 254 13/11	204 cps ₃	264 Kcps ₁₂	270 Kcps ₁₃	206/270 Age	207/206 Age	[204/ 206] x10 ⁻³	offsets OK?
2-4	04:44	1.4	1.7	0.8	19	17	2498	2619.	.005.	✓
3-4	05:08	1.3	1.7	0.6	21	18	2584	2619.	.004	✓
4-4	05:32	1.5	1.7	0.6	34	16	2632	2568	.004.	✓
Fr. 1-6	06:00	1.5	1.4	0.6	99	4.9	525	520.	.85	✓
2908.1-5	06:24	1.5	1.4	0.2	33	13	1826	1809.	.003.	✓
1229.7-4	06:51	1.4	1.6	0.6	27	17	2607	2615.	.004	✓
8-2	07:16	1.6	1.5	0.2	16	34	2363	2567.	.006	✓
12-5	07:41	1.5	1.6	0.1	3.8	9.4	2595	2632	.00	✓
15-3	08:05	1.4	1.6	1.9	26	12	1495	1907	.35	✓
Fr. 1-7	08:33	1.8	1.4	.5	100	5.2	529	649	.60	✓
12-29 2908 1-6	09:01	1.5	1.4	.3	35	14	1849	1786	.04	✓
Sample change: 12-29 OUT + 12-22 IN										
12-22 Fr. 1-8	09:56	1.5	1.5	.5	.	.	538	598	.	✓
2908.2-1	10:22	1.5	1.5	0.2	30	9.5	1836	1811	.04	✓
1222B.4-1	10:55	3.0	1.4	0.3	23	1.1	2624	2509	.35	✓
" 4-2	11:23	2.7	1.5	.56	18	1.0	2197	2676	.07	✓
Fr. 1-9	11:51	2.2	1.5	.86	140	7.2	513	475	.83	✓
2908.2-2	12:22	2.2	1.4	.49	52	18	1736	1790	.05	✓
1222B.4-3	12:50	2.4	1.7	.33	23	1.0	2339	2625	.44	✓
" 4-4	13:15	2.6	1.5	.17	23	0.82	2418	2496	.25	✓
" 4-5	13:47	2.2	1.6	.12	27	2.3	2511	2543	.07	✓
" 4-6	14:12	0.7	1.0	0.4	13	0.74	1566	2949	1.06	✓
Fr. 1-10	14:44	1.20	1.4	0.73	140	7.2	492	638	0.71	✓
2908.2-3	15:10	2.0	1.4	0.34	54	29	1742	1805	0.01	✓
1222B.3-1	15:46	0.4	1.4	0.02	7.7	0.38	1638	2555	1.47	✓
3-2	16:11	2.1	1.2	1.3	29	1.3	2215	2654	1.48	✓
3-3	16:36	1.7	1.4	1.2	21	0.6	2203	2900	2.90	✓
3-4	17:02	1.0	1.3	1.9	14	0.9	1584	2837	4.39	✓

Next 10-

Offsets (fixed): 203-204. 1.106 204-Bkgd. .040 206-207. 1.003
 (check): 204-206. 2.005 206-208. 2.006

Page...

IRF returned 1° + ↑ Duo Pressure

Mount (Sample) No. :

Date :

Spot label	Time	203 Kcps	270/ 254	204 cps	264 Kcps	270 Kcps	206/270 Age	207/206 Age	[204/ 206] x10 ³	offsets OK?
Fr.1-11	17:39	1.8	1.5	0.7	120	6.4	490	611	0.91	✓
2908.2-4	18:04	1.8	1.4	0.2	32	11	1734	1798	0.91	✓
2234.1-1	18:37	1.8	1.7	0.1	12	1.1	959	1119	0.4	✓
1222B.3-5	19:05	0.73	0.81	1.8	13	0.6	1873	3192	5.2	✓
3-6	19:32	1.5	1.2	1.2	19	1.1	2110	2671	1.7	✓
5-1	20:01	2.0	1.07	2.2	26	1.4	1659	2998	3.1	✓
5-2	20:28	0.43	0.78	2.1	5.4	0.27	2660	3256	9.1	✓
Fr.1-12	20:55	1.7	1.4	0.5	130	6.6	503	606	0.57	✓
2908.2-5	21:20	2.0	1.4	0.1	34	11	1759	1799	0.02	✓
2234.1-2	21:45	2.3	1.6	0.2	14	1.6	994	1091	0.35	✓
Sample change to 11:32										
Fr.1-13	22:12	2.2	1.4	0.5	140	7.0	481	648	0.5	✓
1132A.1-1	23:44	0.5	9.9	30	54	8.5	1628	3087	7.5	✓
A.2-1	00:16	2.4	1.3	5.9	74	4.6	2130	2821	2.0	✓
3-1	00:41	1.4	0.9	0.01	77	2.5	1922	3314	9.9	✓
4.1	01:05	1.7	1.3	5.7	59	2.7	2127	2530	0.3	✓
5-1	01:35	2.1	1.5	1.1	48	3.4	2322	2648	0.4	✓
Fr.1-14	02:04	1.7	1.4	0.8	120	5.7	525	530	0.9	✓
2908.2-6	02:29	1.8	1.4	0.2	45	16	1767	1789	0.02	✓
2234.2-1	02:55	2.4	1.6	0.1	9.2	0.7	982	1143	0.9	✓
1132A.6-1	03:23	0.7	0.9	0.01	95	4.8	1465	3117	7.2	✓
7-1	03:49	2.2	1.2	6.14	63	0.8	11566	3821	0.1	✓
8-1	04:16	1.7	1.1	9.6	79	5.3	1703	2669	3.3	✓
9-1	04:42	0.56	0.9	0.03	65	5.8	1683	3406	0.12	✓
Fr.1-15	05:09	1.8	1.4	0.4	110	5.6	532	591	0.5	✓
2908.3-1	05:35	1.7	1.4	0.1	33	12	1808	1831	0.02	✓
2234.3-1	06:00	2.3	1.5	0.1	7.7	0.9	1080	948	0.4	✓
1132A.1-2	06:28	0.9	1.1	0.02	56	2.2	2762	664	3.9	✓

Offsets (fixed): 203-204..... 204-Bkgd..... 206-207.....
 (check): 204-206..... 206-208.....

Mount (Sample) No. :

13/11

Date :

Spot label	Time	203 Keps	270/254	204 cps	264 Keps	270 Keps	206/270 Age	207/206 Age	[204/206] x10 ³	offsets OK?
1132A.22	06:54	1.9	1.4	1.7	85	6.7	2448	2562	0.3	✓
A.32	07:19	2.4	1.4	1.9	100	11	2368	2543	0.2	✓
A.42	07:44	2.0	1.3	1.3	150	41	1976	2496	0.05	✓
A.6-2	8:12	0.93	0.9	7.9	90	11	246	3418	11.0	✓
Fr. 1-16	08:39	1.8	1.5	0.6	130	6.6	490	617	0.6	✓
<i>Mount change → 11-32 UP + 12-30 DOWN</i>										
Fr. 1-17	10:33	2.8	1.3	0.6	150	7.7	488	582	0.6	✓
2908.3-2	10:59	2.5	1.4	0.2	35	13.	1737	1791	.02	✓
2234.3-2	11:27	2.5	1.6	0.1	13.	1.4	1017	1046	0.1	✓
12306.1-4	12:09	2.2	1.6	3.5	44	12	2481	2649	0.4	✓
G.1-5	12:49	2.2	1.7	0.3	49.	13.	2543	2626	.03	✓
I.1-4	13:16	2.3	1.6	0.1	11.	7.6	2517	2613	.01	✓
I.1-5	13:43	2.2	1.7	0.3	36.	11.	2544	2608	.03	✓
2908.4-1	14:12	1.9	1.5	0.3	42.	13.	1783	1778	.03	✓
12306.1-4	15:07	2.3	1.5	3.5	82	14	2422	2604	.33	✓
E.1-5	15:32	2.1	1.4	3.1	60	13	2376	2671	.33	✓
E.1-6	15:56	1.6	1.3	2.4	68	13	2342	2628	.25	✓
E.1-7	16:21	2.0	1.5	1.6	72	14	2278	2571	.16	✓
2908.3-3	16:49	1.7	1.4	0.2	26	8.3	1784	1806	.05	✓
<i>Change mounts: Change integration times Haber up 30 → 70 μm Brightness #2 → #4.</i>										
2908.3-4	18:02	11	1.5	2.1	260	140	1448	1779	.03	✓
2234.22	18:28	12	1.6	0.6	47	33	943	1143	.06	✓
122EA.5-1	19:00	10	1.7	0.2	2.7	.002	2268	4644	.11	✓
.5-2	19:29	12	1.9	0.8	35	.003	770	3568	.06	✓
.5-3	19:58	11	1.1	0.2	4.8	.004	933	3566	.35	✓

11-32



12-30

2130
mislabeled

UM 12-28

Offsets (fixed): 203-204..... 204-Bkgd..... 206-207.....
(check): 204-206..... 206-208.....

Do 2234, 2908 every 3 hours.
(different grains)

! Shealynn reported primary beam drift severe since morning of 7th

Page:...

Mount (Sample) No. :

Date :

Spot label	Time	203 Keps	270/254	204 cps	264 Keps	270 Keps	206/270 Age	207/206 Age	[204/206] x10 ³	offsets OK?
5-4	20:25	10	1.3	0.6	2.9	2.002	10730	4715	.31	
5-5	20:52	12	1.5	0.2	5.9	.02	851	2310	-.24	
2908.5-1	21:36	11	1.4	1.7	230	94	1445	1775	.004	✓
2234.4-1	22:01	13	1.6	0.9	140	8.2	961	1154	.35	✓
1228 A.5-6	22:29	10	3.0	0.2	3.0	.002	1367	4548	.001	✓
5-7	22:56	13	0.9	0.1	2.9	.001	6551	4804	.16	✓
5-8	23:22	12	0.9	0.7	2.7	.001	10360	4846	.05	✓
5-9	23:49	13	0.7	0.2	4.3	.001	4963	4959	~0	✓
2908.6-1	00:21	10	1.3	0.9	120	45	1685	1781	.02	✓
2234.5-1	00:46	13	1.5	0.5	11	6.7	956	1127	0.2	✓
1228 A.5-7	01:15	12	1.4	1.3	1.7	.004	9794	4638	.04	✓
A.5-11 5-8	01:42	12	1.4	0.2	1.4	.004	1634	4477	.029	✓
A.5-12	02:14	13	1.9	0.2	2.9	.002	2713	4940	64	✓
A.6-1	02:43	9.5	2.1	0.5	2.1	~0	2300	4421	-.08	✓
A.6-2 A.7-1	03:10	11	2.0	0.2	2.0	.001	1747	4656	~0	✓
A.6-3	03:36	12	1.2	0.2	0.6	.001	1421	2499	~0	✓
A.6-4	04:02	12	1.4	0.1	1.7	.003	1026	2950	~0	
2908.3-5	04:40	8.6	0.9	2.9	190	66	915	1830	.16	✓
2234.5-2	05:04	12	1.5	0.7	8.8	6.7	974	1105	.32	✓
1228 A.6-5	05:33	13	1.4	0.7	4.4	.002	8134	5110	67	✓
A.7-1	06:01	13	1.4	0.2	0.8	.001	1126	3582	320	
A.7-2	06:29	13	39.?	.003	0.2	.001	91	3333	0.5	
2908.7-1	06:57	11	1.4	2.4	220	48	1768	1841	.009	✓
2234.4-2	07:23	12	1.5	0.5	6.9	6.4	951	1121	-.20	✓
1228 A.7-3	07:54	13	1.0	0.3	1.8	.002	7824	4744	-.34	
A.7-4	DVD DROPPED									
DVD - restart dvd, reset runtable to saved 2012.09.07, I° unstable.										
2234.5-3	09:48	NG: GSM drop 40% - 6 scans only - ✓								
I° current jumping between 100 ~ 110 mA → tried 80 mA → same problem										

A.5-10 mislabel

Offsets (fixed): 203-204..... 204-Bkgd..... 206-207.....
 (check): 204-206..... 206-208.....

