

Index	Reading No	Time	Type	Duration	Units	Sigma Value	Sequence	Alloy1	Alloy2	Flags
1	205	2014-09-24 10:35	General Metals	11.91	%	2	Final	LA-1141/44 : 0.00	No Match : *1.84	
2	206	2014-09-24 10:36	General Metals	11.73	%	2	Final	LA-1141/44 : 0.00	No Match : 1.34	
3	207	2014-09-24 10:37	General Metals	11.26	%	2	Final	LA-1141/44 : 0.01	No Match : 1.24	
4	208	2014-09-24 10:45	General Metals	10.66	%	2	Final	LA-1141/44 : *2.27	LA-1330/40/45 : *2.41	
5	209	2014-09-24 10:48	General Metals	20.92	%	2	Final	No Match : *4.74	No Match : *5.20	
6	210	2014-09-24 10:49	General Metals	19.64	%	2	Final	No Match : *5.76	No Match : *6.10	
7	211	2014-09-24 10:52	General Metals	20.98	%	2	Final	LA-1141/44 : 0.02	No Match : 0.75	
8	212	2014-09-24 10:54	General Metals	19.06	%	2	Final	LA-1141/44 : 0.00	No Match : *1.85	
9	213	2014-09-24 10:57	General Metals	21.99	%	2	Final	LA-1141/44 : 0.00	No Match : *1.86	
10	214	2014-09-24 11:05	General Metals	19.27	%	2	Final	LA-1141/44 : 0.01	LA-1522 : 0.07	
11	215	2014-09-24 11:12	General Metals	13.96	%	2	Final	No Match : *5.08	No Match : *5.32	
12	216	2014-09-24 11:12	General Metals	12.57	%	2	Final	No Match : *4.37	No Match : *4.47	
13	217	2014-09-24 12:00	General Metals	2.98	%	2	Final	LA-1141/44 : 0.85	LA-1330/40/45 : 1.24	
14	218	2014-09-24 12:01	General Metals	11.98	%	2	Final	LA-1141/44 : 0.30	LA-1522 : 0.78	
15	219	2014-09-24 12:01	General Metals	11.09	%	2	Final	LA-4140 : 2.02	No Match : *2.91	
16	220	2014-09-24 12:02	General Metals	11.87	%	2	Final	LA-4140 : 1.11	No Match : *2.40	
17	221	2014-09-24 12:05	General Metals	6.21	%	2	Final	No Match : *4.75	No Match : *4.83	
18	222	2014-09-24 12:06	General Metals	8.29	%	2	Final	No Match : *4.75	No Match : *4.85	
19	223	2014-09-24 12:06	General Metals	8.58	%	2	Final	No Match : *4.74	No Match : *4.94	
20	224	2014-09-24 12:08	General Metals	13.88	%	2	Final	No Match : *4.35	No Match : *4.56	
21	225	2014-09-24 12:08	General Metals	12.36	%	2	Final	No Match : *4.74	No Match : *5.11	
22	226	2014-09-24 12:09	General Metals	12.68	%	2	Final	No Match : *4.55	No Match : *4.73	
23	227	2014-09-24 12:10	General Metals	11.95	%	2	Final	No Match : *4.74	No Match : *4.86	
24	228	2014-09-24 12:11	General Metals	13.41	%	2	Final	No Match : *4.76	No Match : *4.84	
25	229	2014-09-24 12:14	General Metals	10.94	%	2	Final	Zn : *3.19	No Match : *4.74	
26	230	2014-09-24 12:16	General Metals	11.94	%	2	Final	LA-1141/44 : 0.00	No Match : *1.84	
27	231	2014-09-24 12:17	General Metals	11.18	%	2	Final	LA-1141/44 : *2.33	LA-1522 : *2.58	
28	232	2014-09-24 12:18	General Metals	11.87	%	2	Final	No Match : *4.11	No Match : *4.20	
29	233	2014-09-24 12:19	General Metals	12.28	%	2	Final	No Match : *4.74	No Match : *4.83	
30	234	2014-09-24 12:20	General Metals	11.57	%	2	Final	No Match : *4.74	No Match : *5.03	
31	235	2014-09-24 12:34	General Metals	9.51	%	2	Final	LA-1141/44 : 0.00	No Match : 1.31	
32	236	2014-09-24 12:35	General Metals	12.22	%	2	Final	LA-4140 : 1.18	No Match : *2.05	
33	237	2014-09-24 12:36	General Metals	10.89	%	2	Final	LA-C Steel : 0.00	No Match : 1.82	
34	238	2014-09-24 12:37	General Metals	8.21	%	2	Final	LA-C Steel : 0.00	No Match : 1.44	
35	239	2014-09-24 12:38	General Metals	10.94	%	2	Final	LA-4140 : *2.02	LA-4130 : *2.02	
36	240	2014-09-24 12:42	General Metals	12.56	%	2	Final	LA-1522 : 0.00	No Match : 0.75	
37	241	2014-09-24 12:43	General Metals	6.11	%	2	Final	LA-4140 : 1.84	No Match : *2.28	
38	242	2014-09-24 12:46	General Metals	12.06	%	2	Final	LA-1522 : *3.67	No Match : *4.07	
39	243	2014-09-24 13:08	General Metals	13.21	%	2	Final	No Match : *4.55	No Match : *4.69	
40	244	2014-09-24 13:08	General Metals	2.98	%	2	Final	LA-1522 : *3.24	LA-1141/44 : *3.25	
41	245	2014-09-24 13:10	General Metals	11.85	%	2	Final	LA-1141/44 : 0.00	No Match : 1.65	
42	246	2014-09-24 13:12	General Metals	11.39	%	2	Final	LA-4130 : 1.81	No Match : *2.66	
43	247	2014-09-24 13:16	General Metals	7.31	%	2	Final	LA-4130 : 1.62	No Match : *2.53	
44	248	2014-09-24 13:24	General Metals	13.22	%	2	Final	LA-C Steel : 0.20	No Match : 1.06	
45	249	2014-09-24 13:25	General Metals	7.00	%	2	Final	LA-1215 : 1.19	LA-C Steel : 1.20	
46	250	2014-09-24 13:44	General Metals	9.65	%	2	Final	No Match : *4.10	No Match : *4.11	
47	251	2014-09-24 13:45	General Metals	12.01	%	2	Final	No Match : *4.12	No Match : *4.55	
48	252	2014-09-24 13:46	General Metals	11.93	%	2	Final	LA-1522 : 0.00	No Match : 0.75	
49	253	2014-09-24 13:49	General Metals	4.92	%	2	Final	LA-1141/44 : 0.60	No Match : 1.39	
50	254	2014-09-24 14:00	General Metals	10.97	%	2	Final	LA-C Steel : 1.43	No Match : *2.66	
51	255	2014-09-24 14:00	General Metals	5.83	%	2	Final	LA-C Steel : *1.87	No Match : *2.66	
52	256	2014-09-24 14:01	General Metals	8.74	%	2	Final	LA-C Steel : 1.37	No Match : *2.62	
53	257	2014-09-24 14:07	General Metals	14.57	%	2	Final	No Match : *4.20	No Match : *4.25	
54	258	2014-09-24 14:08	General Metals	9.24	%	2	Final	LA-1215 : 1.76	No Match : *2.26	

SAMPLE	HEAT	LOT	BATCH	MISC	NOTE	User Login	Sb	Sn	Cd	Pd
GTC 1 PLACA I						OIL STATES	< LOD:0.013	< LOD:0.011	< LOD:0.007	< LOD:0.004
GTC 1 PLACA I						OIL STATES	< LOD:0.015	< LOD:0.013	< LOD:0.007	< LOD:0.004
GTC 1 PLACA I						OIL STATES	< LOD:0.021	< LOD:0.011	< LOD:0.007	< LOD:0.004
GTC 2 EST INF						OIL STATES	< LOD:0.014	< LOD:0.011	< LOD:0.008	< LOD:0.004
GTC 3 EST INF						OIL STATES	< LOD:0.011	< LOD:0.008	< LOD:0.006	< LOD:0.003
GTC 3 EST INF						OIL STATES	< LOD:0.017	< LOD:0.018	< LOD:0.010	< LOD:0.006
GTC 3 EST INF						OIL STATES	< LOD:0.011	< LOD:0.010	< LOD:0.007	< LOD:0.004
GTC 4 EST INF						OIL STATES	< LOD:0.012	0.011 ± 0.005	< LOD:0.008	< LOD:0.003
GTC 5 EST INF						OIL STATES	< LOD:0.010	< LOD:0.008	< LOD:0.005	< LOD:0.003
GTC 6 EST INF						OIL STATES	< LOD:0.010	< LOD:0.013	< LOD:0.005	< LOD:0.003
GTC 7 EST INF						OIL STATES	< LOD:0.021	0.076 ± 0.011	< LOD:0.019	< LOD:0.006
GTC 7 EST INF						OIL STATES	< LOD:0.019	0.050 ± 0.008	< LOD:0.008	< LOD:0.005
GTC 8 PFP SOP						OIL STATES	< LOD:0.050	< LOD:0.039	< LOD:0.020	< LOD:0.029
GTC 8 PFP SOP						OIL STATES	< LOD:0.014	< LOD:0.010	< LOD:0.007	< LOD:0.004
GTC 9 PFP BUL						OIL STATES	< LOD:0.014	0.019 ± 0.006	< LOD:0.009	< LOD:0.004
GTC 10 PFP EJI						OIL STATES	< LOD:0.014	< LOD:0.012	< LOD:0.007	< LOD:0.006
GTC 11 PFPHO						OIL STATES	< LOD:0.024	< LOD:0.024	< LOD:0.013	< LOD:0.006
GTC 11 PFPHO						OIL STATES	< LOD:0.018	< LOD:0.018	< LOD:0.009	< LOD:0.004
GTC 11 PFPHO						OIL STATES	< LOD:0.017	< LOD:0.013	< LOD:0.009	< LOD:0.004
GTC 11 PFPHO						OIL STATES	< LOD:0.013	< LOD:0.010	< LOD:0.007	< LOD:0.004
GTC 11 PFPHO						OIL STATES	< LOD:0.019	< LOD:0.018	< LOD:0.008	< LOD:0.004
GTC 11 PFPHO						OIL STATES	< LOD:0.017	< LOD:0.014	< LOD:0.009	< LOD:0.007
GTC 12 PFP BR						OIL STATES	< LOD:0.013	< LOD:0.011	< LOD:0.007	< LOD:0.005
GTC 12 PFP BR						OIL STATES	< LOD:0.013	< LOD:0.010	< LOD:0.007	< LOD:0.004
GTC 13 PFP ES						OIL STATES	< LOD:0.025	< LOD:0.017	< LOD:0.013	< LOD:0.008
GTC 11						OIL STATES	< LOD:0.014	< LOD:0.017	< LOD:0.007	< LOD:0.006
GTC 12						OIL STATES	< LOD:0.015	< LOD:0.011	< LOD:0.007	< LOD:0.004
GTC 13 PFP ES						OIL STATES	< LOD:0.013	< LOD:0.010	< LOD:0.007	< LOD:0.008
GTC 13 PFP ES						OIL STATES	< LOD:0.013	< LOD:0.009	< LOD:0.007	< LOD:0.003
GTC 13 PFP ES						OIL STATES	< LOD:0.014	< LOD:0.011	< LOD:0.007	< LOD:0.004
GTC 14 PFG SC						OIL STATES	< LOD:0.020	< LOD:0.012	< LOD:0.008	< LOD:0.005
GTC 15 PFG BU						OIL STATES	< LOD:0.014	0.038 ± 0.007	< LOD:0.007	< LOD:0.004
GTC 16 PFG HC						OIL STATES	< LOD:0.014	< LOD:0.012	< LOD:0.008	< LOD:0.005
GTC 16 PFG HC						OIL STATES	< LOD:0.021	< LOD:0.016	< LOD:0.009	< LOD:0.006
GTC 17 PFG EJI						OIL STATES	< LOD:0.018	0.014 ± 0.006	< LOD:0.007	< LOD:0.007
GTC 19 PINON						OIL STATES	< LOD:0.014	< LOD:0.014	< LOD:0.010	< LOD:0.004
GTC 20 PINON						OIL STATES	< LOD:0.033	< LOD:0.020	< LOD:0.012	< LOD:0.009
GTC 21 PLACA						OIL STATES	< LOD:0.014	< LOD:0.010	< LOD:0.007	< LOD:0.005
GTC 22 EST SU						OIL STATES	< LOD:0.014	< LOD:0.012	< LOD:0.007	< LOD:0.004
GTC 22 EST SU						OIL STATES	< LOD:0.041	< LOD:0.042	< LOD:0.026	< LOD:0.012
GTC 23 EST SU						OIL STATES	< LOD:0.013	< LOD:0.011	< LOD:0.007	< LOD:0.005
GTC 30 EST SU						OIL STATES	< LOD:0.015	< LOD:0.016	< LOD:0.007	< LOD:0.006
GTC 31 EST SU						OIL STATES	< LOD:0.024	< LOD:0.015	< LOD:0.014	< LOD:0.005
GTC 32 RAIL						OIL STATES	< LOD:0.016	< LOD:0.011	< LOD:0.006	< LOD:0.003
GTC 32 RAIL 2						OIL STATES	< LOD:0.018	< LOD:0.016	< LOD:0.011	< LOD:0.008
GTC 33 ANTIM						OIL STATES	< LOD:0.018	< LOD:0.012	< LOD:0.012	< LOD:0.004
GTC 33 ANTIM						OIL STATES	< LOD:0.014	< LOD:0.014	< LOD:0.007	< LOD:0.004
GTC 34 PERFIL						OIL STATES	< LOD:0.025	0.029 ± 0.007	< LOD:0.007	< LOD:0.007
GTC 35 CIERRI						OIL STATES	< LOD:0.031	< LOD:0.029	< LOD:0.020	< LOD:0.009
GTC 36 ESLABO						OIL STATES	< LOD:0.014	< LOD:0.019	< LOD:0.008	< LOD:0.004
GTC 36 ESLABO						OIL STATES	< LOD:0.037	< LOD:0.030	< LOD:0.013	< LOD:0.014
GTC 36 ESLABO						OIL STATES	< LOD:0.026	< LOD:0.021	< LOD:0.012	< LOD:0.005
GTC 37 ESLABO						OIL STATES	< LOD:0.013	< LOD:0.010	< LOD:0.007	< LOD:0.004
GTC 37 ESLABO						OIL STATES	< LOD:0.018	< LOD:0.018	< LOD:0.012	< LOD:0.005

Ag	Ru	Mo	Nb	Zr	Bi	Pb
< LOD:0.008	< LOD:0.021	< LOD:0.039	< LOD:0.026	< LOD:0.010	< LOD:0.005	< LOD:0.011
< LOD:0.006	< LOD:0.014	< LOD:0.039	< LOD:0.030	< LOD:0.010	< LOD:0.006	< LOD:0.012
< LOD:0.006	< LOD:0.023	< LOD:0.039	< LOD:0.035	< LOD:0.011	< LOD:0.007	< LOD:0.008
< LOD:0.010	< LOD:0.014	< LOD:0.040	< LOD:0.026	< LOD:0.011	< LOD:0.006	< LOD:0.008
< LOD:0.005	< LOD:0.014	< LOD:0.030	< LOD:0.021	< LOD:0.014	< LOD:0.007	< LOD:0.010
< LOD:0.012	< LOD:0.016	0.124 ± 0.021	0.105 ± 0.017	0.048 ± 0.008	< LOD:0.012	< LOD:0.015
< LOD:0.004	< LOD:0.010	< LOD:0.042	< LOD:0.017	< LOD:0.011	< LOD:0.003	< LOD:0.004
< LOD:0.005	< LOD:0.013	< LOD:0.030	< LOD:0.021	< LOD:0.013	< LOD:0.007	< LOD:0.007
< LOD:0.004	< LOD:0.012	< LOD:0.026	< LOD:0.018	< LOD:0.007	< LOD:0.005	< LOD:0.008
< LOD:0.006	< LOD:0.014	< LOD:0.027	0.024 ± 0.010	< LOD:0.007	< LOD:0.004	< LOD:0.012
< LOD:0.008	< LOD:0.019	0.127 ± 0.027	0.060 ± 0.019	0.022 ± 0.009	< LOD:0.013	< LOD:0.016
< LOD:0.006	< LOD:0.015	< LOD:0.048	< LOD:0.034	< LOD:0.019	< LOD:0.009	< LOD:0.012
< LOD:0.015	< LOD:0.036	< LOD:0.139	< LOD:0.066	< LOD:0.036	< LOD:0.043	< LOD:0.070
< LOD:0.006	< LOD:0.014	< LOD:0.037	< LOD:0.024	< LOD:0.010	< LOD:0.006	< LOD:0.011
< LOD:0.007	< LOD:0.024	0.189 ± 0.023	< LOD:0.029	< LOD:0.010	< LOD:0.005	< LOD:0.012
< LOD:0.006	< LOD:0.015	0.197 ± 0.023	< LOD:0.025	< LOD:0.010	< LOD:0.006	< LOD:0.017
< LOD:0.010	< LOD:0.022	< LOD:0.088	< LOD:0.041	< LOD:0.017	< LOD:0.011	< LOD:0.018
< LOD:0.007	< LOD:0.022	< LOD:0.062	< LOD:0.034	< LOD:0.016	< LOD:0.009	< LOD:0.019
< LOD:0.008	< LOD:0.025	< LOD:0.059	< LOD:0.031	< LOD:0.012	< LOD:0.019	< LOD:0.020
< LOD:0.006	< LOD:0.021	< LOD:0.036	< LOD:0.030	< LOD:0.012	< LOD:0.007	< LOD:0.011
< LOD:0.006	< LOD:0.014	< LOD:0.038	< LOD:0.026	< LOD:0.010	< LOD:0.004	< LOD:0.015
< LOD:0.006	< LOD:0.018	< LOD:0.036	< LOD:0.038	< LOD:0.010	< LOD:0.005	< LOD:0.013
< LOD:0.007	< LOD:0.014	< LOD:0.041	< LOD:0.024	< LOD:0.012	< LOD:0.008	< LOD:0.012
< LOD:0.005	< LOD:0.012	< LOD:0.034	< LOD:0.033	< LOD:0.009	< LOD:0.007	< LOD:0.012
< LOD:0.015	< LOD:0.036	0.061 ± 0.025	< LOD:0.041	< LOD:0.016	< LOD:0.022	< LOD:0.023
< LOD:0.008	< LOD:0.016	< LOD:0.039	< LOD:0.026	< LOD:0.010	< LOD:0.007	< LOD:0.012
< LOD:0.006	< LOD:0.015	< LOD:0.038	< LOD:0.038	< LOD:0.010	< LOD:0.010	< LOD:0.013
< LOD:0.009	< LOD:0.021	< LOD:0.036	< LOD:0.024	< LOD:0.009	< LOD:0.007	< LOD:0.011
< LOD:0.006	< LOD:0.018	< LOD:0.035	< LOD:0.023	< LOD:0.009	< LOD:0.005	< LOD:0.014
< LOD:0.006	< LOD:0.023	< LOD:0.038	< LOD:0.024	< LOD:0.010	< LOD:0.007	< LOD:0.019
< LOD:0.010	< LOD:0.019	< LOD:0.044	< LOD:0.027	< LOD:0.011	< LOD:0.010	< LOD:0.015
< LOD:0.007	< LOD:0.014	0.190 ± 0.022	< LOD:0.022	< LOD:0.016	< LOD:0.009	< LOD:0.010
< LOD:0.006	< LOD:0.017	< LOD:0.039	< LOD:0.025	< LOD:0.019	< LOD:0.010	< LOD:0.018
< LOD:0.008	< LOD:0.021	< LOD:0.048	< LOD:0.032	< LOD:0.014	< LOD:0.007	< LOD:0.025
< LOD:0.006	< LOD:0.015	0.189 ± 0.023	< LOD:0.024	< LOD:0.010	< LOD:0.007	< LOD:0.012
< LOD:0.006	< LOD:0.014	< LOD:0.039	< LOD:0.024	< LOD:0.014	< LOD:0.006	< LOD:0.011
< LOD:0.008	< LOD:0.024	0.143 ± 0.033	< LOD:0.036	< LOD:0.018	< LOD:0.011	< LOD:0.028
< LOD:0.008	< LOD:0.013	< LOD:0.038	< LOD:0.025	< LOD:0.010	< LOD:0.007	< LOD:0.013
< LOD:0.006	< LOD:0.019	< LOD:0.037	< LOD:0.025	< LOD:0.010	< LOD:0.006	< LOD:0.008
< LOD:0.022	< LOD:0.045	< LOD:0.156	< LOD:0.097	< LOD:0.043	< LOD:0.038	< LOD:0.062
< LOD:0.006	< LOD:0.014	< LOD:0.036	< LOD:0.023	< LOD:0.009	< LOD:0.007	< LOD:0.011
< LOD:0.007	< LOD:0.016	0.134 ± 0.023	< LOD:0.026	< LOD:0.011	< LOD:0.018	< LOD:0.014
< LOD:0.012	< LOD:0.032	0.127 ± 0.032	< LOD:0.036	< LOD:0.014	< LOD:0.021	< LOD:0.024
< LOD:0.005	< LOD:0.019	< LOD:0.035	< LOD:0.021	< LOD:0.011	< LOD:0.005	< LOD:0.009
< LOD:0.010	< LOD:0.018	< LOD:0.051	< LOD:0.033	< LOD:0.012	< LOD:0.012	< LOD:0.021
< LOD:0.007	< LOD:0.021	< LOD:0.045	< LOD:0.031	< LOD:0.020	< LOD:0.007	< LOD:0.020
< LOD:0.006	< LOD:0.017	< LOD:0.037	< LOD:0.026	< LOD:0.013	< LOD:0.013	< LOD:0.011
< LOD:0.006	< LOD:0.022	< LOD:0.063	< LOD:0.024	< LOD:0.014	< LOD:0.006	< LOD:0.011
< LOD:0.020	< LOD:0.043	< LOD:0.081	< LOD:0.053	< LOD:0.023	< LOD:0.033	< LOD:0.048
< LOD:0.008	< LOD:0.021	< LOD:0.043	< LOD:0.025	< LOD:0.011	< LOD:0.006	< LOD:0.011
< LOD:0.010	< LOD:0.026	< LOD:0.073	< LOD:0.043	< LOD:0.016	< LOD:0.023	< LOD:0.032
< LOD:0.013	< LOD:0.029	< LOD:0.056	< LOD:0.030	< LOD:0.014	< LOD:0.015	0.022 ± 0.010
< LOD:0.006	< LOD:0.014	< LOD:0.036	< LOD:0.023	< LOD:0.009	< LOD:0.007	< LOD:0.014
< LOD:0.008	< LOD:0.021	< LOD:0.057	< LOD:0.032	< LOD:0.014	< LOD:0.013	0.021 ± 0.010

Se	Au	W	Zn	Cu	Ni	Co
< LOD:0.006	< LOD:0.002	< LOD:0.078	< LOD:0.044	< LOD:0.049	< LOD:0.091	< LOD:0.385
< LOD:0.006	< LOD:0.002	< LOD:0.062	< LOD:0.041	< LOD:0.074	< LOD:0.099	< LOD:0.274
< LOD:0.008	< LOD:0.002	< LOD:0.069	< LOD:0.040	< LOD:0.050	< LOD:0.139	< LOD:0.339
< LOD:0.008	< LOD:0.002	< LOD:0.117	0.725 ± 0.055	< LOD:0.058	< LOD:0.076	< LOD:0.282
< LOD:0.009	< LOD:0.002	< LOD:0.275	11.638 ± 0.139	< LOD:0.034	< LOD:0.059	0.205 ± 0.094
< LOD:0.015	< LOD:0.002	< LOD:0.520	27.399 ± 0.275	< LOD:0.065	< LOD:0.063	0.341 ± 0.097
< LOD:0.005	< LOD:0.002	< LOD:0.064	0.407 ± 0.028	< LOD:0.031	< LOD:0.058	< LOD:0.189
< LOD:0.006	< LOD:0.002	< LOD:0.057	< LOD:0.024	0.101 ± 0.026	< LOD:0.075	< LOD:0.287
< LOD:0.004	< LOD:0.002	< LOD:0.047	0.056 ± 0.013	0.088 ± 0.020	< LOD:0.086	< LOD:0.272
< LOD:0.005	< LOD:0.002	< LOD:0.055	0.163 ± 0.020	< LOD:0.047	< LOD:0.060	< LOD:0.202
< LOD:0.008	< LOD:0.002	< LOD:0.133	0.519 ± 0.051	0.577 ± 0.064	0.262 ± 0.070	0.784 ± 0.152
< LOD:0.006	< LOD:0.002	< LOD:0.104	0.157 ± 0.028	0.718 ± 0.062	0.525 ± 0.070	0.333 ± 0.133
< LOD:0.020	< LOD:0.002	< LOD:0.209	0.158 ± 0.076	< LOD:0.120	< LOD:0.308	< LOD:1.149
< LOD:0.006	< LOD:0.002	< LOD:0.071	0.213 ± 0.029	< LOD:0.046	< LOD:0.084	< LOD:0.311
< LOD:0.007	< LOD:0.002	< LOD:0.070	0.107 ± 0.023	0.234 ± 0.039	0.134 ± 0.048	< LOD:0.275
< LOD:0.006	< LOD:0.002	< LOD:0.077	0.177 ± 0.029	0.153 ± 0.034	< LOD:0.085	< LOD:0.278
< LOD:0.027	< LOD:0.002	< LOD:0.959	31.208 ± 0.507	< LOD:0.076	< LOD:0.102	< LOD:0.354
< LOD:0.018	< LOD:0.002	< LOD:0.572	18.021 ± 0.288	< LOD:0.062	< LOD:0.089	< LOD:0.478
< LOD:0.018	< LOD:0.002	< LOD:0.585	19.703 ± 0.297	< LOD:0.057	< LOD:0.085	< LOD:0.283
< LOD:0.007	< LOD:0.002	< LOD:0.149	2.180 ± 0.083	< LOD:0.044	< LOD:0.079	< LOD:0.252
< LOD:0.010	< LOD:0.002	< LOD:0.257	5.664 ± 0.139	0.055 ± 0.026	< LOD:0.081	< LOD:0.268
< LOD:0.008	< LOD:0.002	< LOD:0.188	3.159 ± 0.102	0.057 ± 0.025	< LOD:0.079	< LOD:0.396
< LOD:0.011	< LOD:0.002	< LOD:0.301	9.186 ± 0.162	0.055 ± 0.024	< LOD:0.103	< LOD:0.343
< LOD:0.010	< LOD:0.002	< LOD:0.261	7.745 ± 0.141	0.053 ± 0.023	< LOD:0.092	< LOD:0.235
< LOD:0.016	< LOD:0.002	< LOD:1.573	98.429 ± 0.827	< LOD:0.041	< LOD:0.022	0.080 ± 0.018
< LOD:0.006	< LOD:0.002	< LOD:0.117	0.133 ± 0.026	< LOD:0.051	< LOD:0.104	< LOD:0.335
< LOD:0.008	< LOD:0.002	< LOD:0.115	0.751 ± 0.055	< LOD:0.048	< LOD:0.072	< LOD:0.274
< LOD:0.008	< LOD:0.002	< LOD:0.185	3.098 ± 0.101	< LOD:0.050	< LOD:0.069	< LOD:0.402
< LOD:0.009	< LOD:0.002	< LOD:0.219	4.710 ± 0.117	< LOD:0.040	< LOD:0.063	< LOD:0.246
< LOD:0.012	< LOD:0.002	< LOD:0.336	9.424 ± 0.170	< LOD:0.039	< LOD:0.088	< LOD:0.253
< LOD:0.009	< LOD:0.002	< LOD:0.082	0.113 ± 0.027	< LOD:0.052	< LOD:0.148	< LOD:0.443
< LOD:0.005	< LOD:0.002	< LOD:0.059	< LOD:0.028	0.384 ± 0.045	0.117 ± 0.045	< LOD:0.262
< LOD:0.006	< LOD:0.002	< LOD:0.067	< LOD:0.026	< LOD:0.043	< LOD:0.109	< LOD:0.399
< LOD:0.013	< LOD:0.002	< LOD:0.080	< LOD:0.039	< LOD:0.059	< LOD:0.123	< LOD:0.555
< LOD:0.006	< LOD:0.002	< LOD:0.062	< LOD:0.034	0.287 ± 0.042	0.091 ± 0.044	< LOD:0.388
< LOD:0.007	< LOD:0.002	< LOD:0.071	0.092 ± 0.021	< LOD:0.046	< LOD:0.068	< LOD:0.419
< LOD:0.010	< LOD:0.002	< LOD:0.113	0.199 ± 0.045	0.315 ± 0.066	< LOD:0.139	< LOD:0.414
< LOD:0.008	< LOD:0.002	< LOD:0.156	2.024 ± 0.086	< LOD:0.044	< LOD:0.083	< LOD:0.445
< LOD:0.008	< LOD:0.002	< LOD:0.172	2.461 ± 0.089	0.096 ± 0.028	< LOD:0.080	< LOD:0.255
< LOD:0.022	< LOD:0.002	< LOD:0.399	1.800 ± 0.224	< LOD:0.168	< LOD:0.250	< LOD:0.742
< LOD:0.006	< LOD:0.002	< LOD:0.062	0.048 ± 0.017	0.091 ± 0.027	< LOD:0.104	< LOD:0.334
< LOD:0.007	< LOD:0.002	< LOD:0.119	0.159 ± 0.028	0.072 ± 0.028	< LOD:0.093	< LOD:0.359
< LOD:0.011	< LOD:0.002	< LOD:0.100	0.068 ± 0.028	< LOD:0.079	< LOD:0.206	< LOD:0.460
< LOD:0.006	< LOD:0.002	< LOD:0.055	< LOD:0.025	0.169 ± 0.031	< LOD:0.072	< LOD:0.243
< LOD:0.008	< LOD:0.002	< LOD:0.084	0.069 ± 0.026	0.220 ± 0.051	< LOD:0.115	< LOD:0.578
< LOD:0.010	< LOD:0.002	< LOD:0.197	2.476 ± 0.107	< LOD:0.058	< LOD:0.098	< LOD:0.507
< LOD:0.008	< LOD:0.002	< LOD:0.165	2.201 ± 0.088	0.061 ± 0.026	< LOD:0.100	< LOD:0.266
< LOD:0.006	< LOD:0.002	< LOD:0.077	0.189 ± 0.030	0.422 ± 0.050	0.104 ± 0.046	< LOD:0.399
< LOD:0.012	< LOD:0.002	< LOD:0.135	0.128 ± 0.052	< LOD:0.104	< LOD:0.157	< LOD:0.707
< LOD:0.006	< LOD:0.002	< LOD:0.107	< LOD:0.032	0.089 ± 0.029	< LOD:0.088	< LOD:0.368
< LOD:0.012	< LOD:0.002	< LOD:0.164	< LOD:0.076	< LOD:0.104	< LOD:0.200	< LOD:0.681
< LOD:0.007	< LOD:0.002	< LOD:0.087	0.080 ± 0.026	0.075 ± 0.034	< LOD:0.144	< LOD:0.476
< LOD:0.005	< LOD:0.002	< LOD:0.091	0.689 ± 0.047	0.079 ± 0.025	< LOD:0.076	< LOD:0.246
< LOD:0.008	< LOD:0.002	< LOD:0.141	0.309 ± 0.046	< LOD:0.062	< LOD:0.110	< LOD:0.551

Fe	Mn	Cr	V	Ti	Al	LEC
97.180 ± 0.219	1.507 ± 0.079	< LOD:0.036	< LOD:0.064	< LOD:0.062	< LOD:80.000	1.195 ± 0.011
97.024 ± 0.178	1.570 ± 0.079	0.043 ± 0.019	< LOD:0.069	< LOD:0.055	< LOD:80.000	1.195 ± 0.011
97.163 ± 0.209	1.577 ± 0.083	0.046 ± 0.020	< LOD:0.065	< LOD:0.061	< LOD:80.000	1.195 ± 0.011
96.173 ± 0.189	1.618 ± 0.082	0.040 ± 0.019	< LOD:0.047	< LOD:0.063	< LOD:80.000	1.195 ± 0.011
86.221 ± 0.184	1.473 ± 0.056	0.039 ± 0.015	< LOD:0.043	0.326 ± 0.038	< LOD:80.000	
69.532 ± 0.208	0.958 ± 0.055	0.089 ± 0.023	0.093 ± 0.036	1.261 ± 0.080	< LOD:80.000	
96.570 ± 0.126	1.604 ± 0.055	0.031 ± 0.012	< LOD:0.052	< LOD:0.045	< LOD:80.000	1.195 ± 0.011
97.107 ± 0.169	1.509 ± 0.065	0.047 ± 0.016	< LOD:0.041	< LOD:0.072	< LOD:80.000	1.195 ± 0.011
97.088 ± 0.154	1.533 ± 0.054	0.046 ± 0.013	< LOD:0.031	< LOD:0.038	< LOD:80.000	1.195 ± 0.011
97.058 ± 0.128	1.357 ± 0.055	< LOD:0.027	0.086 ± 0.021	< LOD:0.039	< LOD:80.000	1.195 ± 0.011
96.342 ± 0.218	0.269 ± 0.052	0.108 ± 0.025	0.091 ± 0.037	0.685 ± 0.072	< LOD:80.000	
97.585 ± 0.185	0.274 ± 0.046	0.122 ± 0.022	< LOD:0.053	0.189 ± 0.041	< LOD:80.000	
96.937 ± 0.654	1.552 ± 0.221	< LOD:0.155	< LOD:0.159	< LOD:0.221	< LOD:80.000	1.195 ± 0.011
96.961 ± 0.187	1.396 ± 0.072	< LOD:0.034	< LOD:0.076	0.101 ± 0.034	< LOD:80.000	1.195 ± 0.011
96.482 ± 0.184	0.819 ± 0.069	1.138 ± 0.047	< LOD:0.064	< LOD:0.085	< LOD:80.000	0.705 ± 0.011
96.495 ± 0.182	0.820 ± 0.070	1.064 ± 0.046	< LOD:0.056	0.076 ± 0.035	< LOD:80.000	0.705 ± 0.011
67.333 ± 0.356	1.167 ± 0.104	< LOD:0.069	< LOD:0.103	< LOD:0.139	< LOD:80.000	
80.353 ± 0.343	1.418 ± 0.092	< LOD:0.052	< LOD:0.062	< LOD:0.087	< LOD:80.000	
78.895 ± 0.297	1.337 ± 0.087	< LOD:0.050	< LOD:0.078	< LOD:0.116	< LOD:80.000	
96.011 ± 0.186	1.539 ± 0.072	0.058 ± 0.018	< LOD:0.060	< LOD:0.058	< LOD:80.000	
92.458 ± 0.231	1.549 ± 0.079	0.043 ± 0.020	< LOD:0.049	< LOD:0.095	< LOD:80.000	
95.134 ± 0.246	1.557 ± 0.076	0.050 ± 0.019	< LOD:0.073	< LOD:0.053	< LOD:80.000	
89.028 ± 0.257	1.300 ± 0.070	< LOD:0.059	< LOD:0.077	0.410 ± 0.052	< LOD:80.000	
90.296 ± 0.215	1.414 ± 0.068	< LOD:0.034	< LOD:0.050	0.321 ± 0.045	< LOD:80.000	
1.389 ± 0.058	< LOD:0.030	< LOD:0.036	< LOD:0.087	< LOD:0.097	< LOD:80.000	
97.071 ± 0.205	1.499 ± 0.079	0.055 ± 0.019	< LOD:0.046	< LOD:0.062	< LOD:80.000	1.195 ± 0.011
96.534 ± 0.184	1.415 ± 0.076	< LOD:0.036	< LOD:0.066	< LOD:0.061	< LOD:80.000	1.195 ± 0.011
95.769 ± 0.245	1.124 ± 0.066	< LOD:0.051	< LOD:0.044	< LOD:0.049	< LOD:80.000	
94.032 ± 0.202	1.134 ± 0.064	< LOD:0.049	< LOD:0.044	< LOD:0.049	< LOD:80.000	
89.378 ± 0.241	1.061 ± 0.066	< LOD:0.056	< LOD:0.075	< LOD:0.063	< LOD:80.000	
97.197 ± 0.255	1.437 ± 0.085	< LOD:0.040	< LOD:0.054	< LOD:0.093	< LOD:80.000	1.195 ± 0.011
96.538 ± 0.172	0.745 ± 0.064	1.063 ± 0.043	< LOD:0.061	< LOD:0.052	< LOD:80.000	0.705 ± 0.011
97.881 ± 0.223	0.693 ± 0.062	0.145 ± 0.024	< LOD:0.046	< LOD:0.053	< LOD:80.000	1.295 ± 0.011
97.861 ± 0.307	0.734 ± 0.078	0.124 ± 0.028	< LOD:0.084	< LOD:0.117	< LOD:80.000	1.295 ± 0.011
97.004 ± 0.221	0.683 ± 0.065	1.002 ± 0.044	< LOD:0.050	< LOD:0.052	< LOD:80.000	0.705 ± 0.011
97.908 ± 0.228	1.214 ± 0.070	< LOD:0.034	< LOD:0.062	< LOD:0.048	< LOD:80.000	0.755 ± 0.011
96.363 ± 0.274	0.809 ± 0.103	1.012 ± 0.067	< LOD:0.072	< LOD:0.104	< LOD:80.000	0.705 ± 0.011
95.793 ± 0.258	1.332 ± 0.074	< LOD:0.036	< LOD:0.051	< LOD:0.062	< LOD:80.000	0.755 ± 0.011
95.658 ± 0.193	1.482 ± 0.072	0.061 ± 0.019	< LOD:0.052	< LOD:0.062	< LOD:80.000	
95.666 ± 0.544	1.401 ± 0.208	< LOD:0.109	< LOD:0.129	< LOD:0.210	< LOD:80.000	0.755 ± 0.011
97.084 ± 0.194	1.530 ± 0.074	0.039 ± 0.017	< LOD:0.043	< LOD:0.053	< LOD:80.000	1.195 ± 0.011
97.149 ± 0.219	0.570 ± 0.066	1.102 ± 0.047	< LOD:0.068	0.112 ± 0.038	< LOD:80.000	0.605 ± 0.011
97.570 ± 0.300	0.510 ± 0.089	1.057 ± 0.065	< LOD:0.125	< LOD:0.144	< LOD:80.000	0.605 ± 0.011
97.596 ± 0.152	0.762 ± 0.055	0.136 ± 0.020	< LOD:0.056	< LOD:0.061	< LOD:80.000	1.295 ± 0.011
97.770 ± 0.315	0.793 ± 0.083	0.151 ± 0.031	< LOD:0.059	< LOD:0.089	< LOD:80.000	0.910 ± 0.011
95.704 ± 0.301	1.378 ± 0.085	< LOD:0.043	< LOD:0.085	0.243 ± 0.050	< LOD:80.000	
95.868 ± 0.201	1.343 ± 0.073	0.062 ± 0.020	< LOD:0.064	0.255 ± 0.044	< LOD:80.000	
97.056 ± 0.230	1.244 ± 0.073	0.119 ± 0.022	0.078 ± 0.028	< LOD:0.084	< LOD:80.000	0.755 ± 0.011
97.094 ± 0.421	1.499 ± 0.167	< LOD:0.110	< LOD:0.152	< LOD:0.152	< LOD:80.000	1.195 ± 0.011
97.741 ± 0.213	0.644 ± 0.059	0.218 ± 0.025	< LOD:0.068	< LOD:0.055	< LOD:80.000	1.295 ± 0.011
97.695 ± 0.394	0.672 ± 0.107	0.258 ± 0.047	< LOD:0.107	< LOD:0.115	< LOD:80.000	1.295 ± 0.011
97.631 ± 0.276	0.655 ± 0.075	0.219 ± 0.032	< LOD:0.064	< LOD:0.122	< LOD:80.000	1.295 ± 0.011
97.716 ± 0.166	0.786 ± 0.057	0.254 ± 0.024	< LOD:0.073	0.247 ± 0.040	< LOD:80.000	
97.566 ± 0.309	0.848 ± 0.081	0.221 ± 0.032	< LOD:0.084	< LOD:0.087	< LOD:80.000	0.910 ± 0.011

Index	Reading No	Time	Type	Duration	Units	Sigma Value	Sequence	Alloy1	Alloy2	Flags
55	259	2014-09-24 14:42	General Metals	22.60	%	2	Final	No Match : *5.64	No Match : *5.76	

SAMPLE	HEAT	LOT	BATCH	MISC	NOTE	User Login	Sb	Sn	Cd	Pd
GTCOSIRIS						OIL STATES	0.004 ± 0.001	0.003 ± 0.001	<LOD:0.002	<LOD:0.002

Ag	Ru	Mo	Nb	Zr	Bi	Pb
< LOD:0.002	< LOD:0.002	0.045 ± 0.003	0.121 ± 0.004	0.025 ± 0.001	< LOD:0.002	0.044 ± 0.002

Se	Au	W	Zn	Cu	Ni	Co
< LOD:0.002	< LOD:0.002	< LOD:0.006	0.009 ± 0.002	0.009 ± 0.002	< LOD:0.010	< LOD:0.031

Fe	Mn	Cr	V	Ti	Al	LEC
7.483 ± 0.140	0.117 ± 0.013	< LOD:0.022	< LOD:0.052	1.216 ± 0.071	90.921 ± 0.159	